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Clackamas County
www.clackamas.us



DAN JOHNSON
DIRECTOR

DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
DEVELOPMENT SERVICES BUILDING
150 BEAVERCREEK ROAD OREGON CITY, OR 97045

September 10, 2026

BCC Agenda Date/Item: _____

Board of County Commissioners
Clackamas County

Authorization to Purchase one (1) 2027 Autocar ACMD42 Chassis with EZ Liner Model TSALC0500 Paint Striping Truck using Sourcewell contract # 050625-EZL. Total Contract Value: \$788,101.00. Funding through County Road Fund. General funds are not involved.

Previous Board Action/Review: None

Performance Clackamas: Build a strong infrastructure

Counsel Review: Yes

Procurement Review: Yes

Contact Person: Warren Gadberry

Contact Phone: 503-650-3988

EXECUTIVE SUMMARY: The Department of Transportation and Development, Transportation Maintenance Program, has requested that Clackamas County Fleet Services purchase one (1) 2027 Autocar ACMD42 Chassis with EZ Liner Model TSALC0500 Paint Striping Truck. This is a direct replacement for an older paint striper truck that is beyond its usable life due to DEQ Clean Diesel Program requirements.

PROCUREMENT PROCESS: Approval of this purchase is being requested under the Local Contract Review Board Rule C-046-0400, Authority of Cooperative Procurements. The purchase will be made utilizing Sourcewell contract #050625-EZL with Vogel Traffic Services, Inc., doing business as EZ Liner & Arrow Striping Equipment. A notice of Intent to purchase the paint striper truck was issued on July 23, 2026. No comments were received by the time of closing on July 30, 2026.

RECOMMENDATION: Staff respectfully recommends the Board approve this purchase and authorizes Procurement staff to issue the PO on behalf of the County.

Respectfully submitted,

Dan Johnson

Dan Johnson
Director of Transportation & Development

For Filing Use Only

**BEFORE THE BOARD OF COUNTY COMMISSIONERS
OF CLACKAMAS COUNTY, STATE OF OREGON**

In the Matter of Approving Issuance of
a Purchase Order for Purchase of EZ
Liner Model TSALC0500 Paint
Striping Truck

Board Order No. _____
Page 1 of 1

Whereas, the Clackamas County Board of County Commissioners (the “Board”) has authority to sign all contracts and any amendments or renewals of the same;

Whereas, Oregon Revised Statutes (“ORS”) Chapter 279A.200-220 and Local Contact Review Board Rule C-046-0400 permit Clackamas County to purchase goods and services using cooperative contracts;

Whereas, the State of Oregon, through its Department of Administrative Services, established a cooperative contract, Sourcewell Master Agreement #050625, with Vogel Traffic Services, Inc. doing business as EZ Liner-Arrow for the purchase of roadway maintenance equipment (“Cooperative Contract”);

Whereas, Department of Transportation and Development (“DTD”) desires to utilize the Cooperative Contract to purchase (1) one EZ Liner Model TSALC0500 paint striping truck for a total not to exceed \$788,101.00 (“Paint Striping Truck”);

Whereas, the Clackamas County Department of Finance requests authority to issue purchase order (“PO”) authority for \$788,101.00 to purchase the Paint Striping Truck; and

Whereas, POs are issued directly through the Clackamas County Department of Finance’s management software with no signature required or available.

NOW THEREFORE, the Clackamas County Board of County Commissioners orders as follows:

1. The request to utilize the Cooperative Contract with EZ Liner-Arrow to purchase the Paint Striping Truck is hereby approved;
2. The Clackamas County Department of Finance is hereby-delegated limited authority to issue a PO for a total not to exceed amount of \$788,101.00.

DATED this ____ day of _____, 2026

BOARD OF COUNTY COMMISSIONERS

Chair

Recording Secretary



July 8, 2026

Clackamas County
19246 Wachen Parkway
Oregon City OR 97045

Sourcewell Account #31693

Re: Sourcewell Master Agreement #050625-EZL Purchase of EZ Liner Model TSALC0500 Truck Mounted Striping Machine-**Cover Letter**

Kirk Stott,

Thank you for the opportunity to submit a proposal for the purchase of an EZ Liner Model TSALC0500 paint striping truck using Sourcewell Master Agreement #050625-EZL mounted on an Autocar ACMD42 Chassis.

As part of this proposal the following information is being provided:

1. Proposal Price Sheet for the paint striping body with chassis.
2. A copy of EZ Liner's Sourcewell Master Agreement #050625-EZL Specifications for Roadway Maintenance Equipment EZ Liner Model TSALA0500 Teton Plus, dated 4/17/2025, revised 9/10/25.
3. A copy of the County's Specifications for EZ Liner Model TSALC0500, dated 06/11/26, **revised 7/8/26**.
4. Comparison document comparing EZ Liner's Sourcewell specifications and the County's specifications summarizing the changes.
5. Technical literature packet.

This quote includes a one-year-limited factory EZ Liner equipment warranty and the standard Autocar chassis warranty.

We estimate the truck will be completed within 150 days after receipt of order (ARO). EZ Liner production slots are issued based on receipt date of this executed agreement per the terms and conditions of this proposal. Where the delivery of materials is delayed beyond our control, EZ Liner – Arrow shall not be liable for any additional costs or damages associated with such delays.

All prices quoted herein are valid for 60 days from the date of this proposal. Payment terms are Net 30, with full balance due and payable within 30 days after shipment of the completed unit.

Any applicable federal, state, and local taxes, duties, licenses, or other fees assessed on the purchase are not included in the price and are the responsibility of the customer.

If during the performance of this agreement the cost of materials increases due to tariffs, surcharges, or other charges assessed by a supplier through no fault of EZ Liner – Arrow, the price quoted in this agreement may be adjusted. This adjustment will be listed separately on the invoice as a "Non-Contract Tariff Adjustment".

Your signature below will signify that you have read this entire proposal and agree to the equipment as listed and to all terms and conditions. Please complete the Customer Approval section below and send this signed acknowledgment and, if applicable, your executed purchase order to your sales representative:

Mike Petersen
Territory Sales Manager – Government Agencies
mike.petersen@ezlinerarrow.com
(712) 360-2108

EZ Liner looks forward to working with the County by providing quality paint striping equipment supported by superior customer service!

Respectfully submitted,

Vogel Traffic Services, Inc. dba EZ Liner

Signature Rob Krommendyk

July 8, 2026

Rob Krommendyk

Design & Bid Project Manager

CUSTOMER APPROVAL:

Clackamas County, OR

Signature _____

Date _____

Printed Name _____

Title _____

EZ Liner & Arrow Striping Equipment

Arrow Striping Equipment | 335 Orchard Lane, Billings, MT 59101
EZ Liner | 1920 Albany Pl SE, Orange City IA 51041

(800) 373-4016
ezlinerarrow.com

Affiliates of
Vogel Traffic Services



SCOPE: 1. Roadway Maintenance Equipment; d. Pavement marking application equipment, attachments, accessories

**EZ Liner Teton Product Code 500CCP
TRUCK MOUNTABLE STRIPER**

PAINT STRIPING BODY ONLY -DOES NOT INCLUDE CHASSIS		
Item	Description	List Price
500CCP	TSALA0500 Teton Base unit without chassis	\$ 397,310.00
501C	Laser guidance system, LaserLine GL3000P	\$ 8,600.00
502C	Chassis light bars, (2) Whelen MC23PA	\$ 2,050.00
504C	Chassis cab roof bracket	\$ 600.00
585	Bead Scales	\$ 5,710.00
586	Bead Scales Integrated to Datalogger	\$ 6,320.00
592C	Paint heat system	\$ 43,870.00
620C	25-gallon poly flush tank	\$ 2,400.00
621C	Flush adapter	\$ 130.00
630	Aluminum toolbox (18"x18"x24"), each	\$ 1,000.00
631	Paint hose reel with 25-foot hose	\$ 2,190.00
633	Flush hose reel with 25-foot hose	\$ 1,400.00
700	Digital speedometer	\$ 1,140.00
705C	Remote trigger switch for gun control, each	\$ 1,630.00
710	Skip-Line DL-18 datalogger (no camera)	\$ 13,200.00
711	Skip Line data logger and video system	\$ 27,390.00
712	Video guidance system	\$ 16,030.00
722	Full-page printer	\$ 1,250.00
Installation/Repair Service of Road Maintenance Equipment labor rate Not To Exceed		\$ 200.00/HR
F.O.B. FACTORY. TRAINING AND DELIVERY PRICED SEPARATELY.		
A 7% DISCOUNT ON BASE UNIT, OPTIONS, AND LABOR RATE LISTED ON THIS		
PRICING PAGE IS AVAILABLE TO SOURCEWELL MEMBERS.		
EFFECTIVE DATE: 09/15/25		



July 8, 2026

Clackamas County
19246 Wachen Parkway
Oregon City OR 97045

Sourcewell Account #31693

Re: Sourcewell Master Agreement #050625-EZL Purchase of EZ Liner Model TSALC0500 Truck Mounted Striping Machine-**Price Sheet**

<u>Item</u>	<u>Description</u>	<u>List Price</u>
500CCP	TSALA0500 Teton Plus base unit	\$397,310.00
501C	Laser guidance system, GL3000P	8,600.00
586	Bead scales integrated to DL-18	6,320.00
620C	25-gal poly flush tank	2,400.00
621C	Flush adapter \$130 each x2	260.00
630	Aluminum toolbox (18"x18"x24"), \$1,000 each x2	2,000.00
705C	Remote trigger switch for gun control, \$1,630 each x2	3,260.00
711	Skip Line DL-18 & video system	27,390.00
722	Full page printer	1,250.00

Subtotal for published options	\$448,790.00
7% Discount	(\$31,415.00)

Net Amount Published Pricing	\$417,375.00
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Chassis

Autocar ACMD Chassis	\$166,071.00
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Sourced Goods

Platform modifications to base & associated overall project labor for customization	\$41,390.00
Deduct for removal of mechanical line guide	(1,700.00)
Rear operators' cab ILO canopy	24,990.00
Clear heat shrink to protect labels on ball valves	950.00
Add (2) fold-up ladders & customize rear step bumper to chassis rail height	3,500.00
Add 2nd Titan Speeflo 13 gpm HP paint pump per color (for high build at 24 WFT)	39,250.00
(6) electric actuators for bead & Visilok guns	9,340.00
Add 300# Visilok tank	18,010.00
Add (3) bead guns for Visilok	6,200.00
4000# glass bead tank ILO 3,000#	4,840.00
Customized chassis cab control console ILO Isuzu FVR console in base	3,700.00
(2) Whelen mini lightbars	4,720.00
(2) Whelen L41's ILO 70A02FAR	290.00
Litesys model 1020F-4 message board ILO arrow board	17,570.00
Weldex rearview/backup camera	2,335.00
DC wireless intercom system ILO DCU3800	7,360.00
Spare parts kit	1,460.00
Training (4 days)	9,450.00
Delivery F.O.B. Oregon City, OR. (estimated)	11,000.00

Total Sourced Goods **\$204,655.00**

NET TOTAL AMOUNT	\$788,101.00
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EZ Liner & Arrow Striping Equipment

Arrow Striping Equipment | 335 Orchard Lane, Billings, MT 59101
EZ Liner | 1920 Albany Pl SE, Orange City IA 51041

(800) 373-4016
ezlineraarrow.com

Affiliates of
Vogel Traffic Services



SOURCEWELL MASTER AGREEMENT #050625
SPECIFICATIONS FOR ROADWAY MAINTENANCE EQUIPMENT
EZ-LINER MODEL TSALA0500

Teton Plus
4/17/25, revised 9/10/25

- 1.0 **Performance specification:** This truck unit shall be capable of painting standard latex traffic paint with varying widths of lines from 4" to 6", and with distance between lines from 0" to 6". Paint applications speeds shall be from 4-10 mph. The truck will be capable of application rates of 15 mil wet film thickness paint for standard formulations of traffic paint and 6 lbs./gal for Type I glass beads. The unit is designed to operate in its own lane of traffic and shall be able to apply centerline and lane line/edge lines simultaneously. Independent carriage steering systems allow individual adjustment of gun carriages. Unit shall be made in the USA. Configuration choices made with options may impact the above performance.
- 2.0 **Teton Plus Base: 500CCP**
 - 2.1 Deck color: White
 - 2.2 Deck composition: 3/16-inch-thick aluminum deck that is 96 inches wide. Smooth aluminum deck welded to 3-inch crossmembers supported by 4-inch-long sills. Grip strips are adhered to top deck surface in walkways. Railings consist of 42-inch-high aluminum rails except in the operator area where they are 32 inches high.
 - 2.3 Operator area: An aluminum canopy is over the operator area. 2 seats are provided with air ride suspension. Each seat has a foldup armrest on the inside and a fixed armrest on the outer rail. One 10 lb fire extinguisher provided in the operator area. 2 cup holders are provided loose for customers to install. A light will be installed over each operator station with a red/white option.
 - 2.4 Deck access: (2) ladders installed in front of operator areas on the sides. 1 ladder on front deck section. 1 rear entrance with steps into the operator area. All access points have grab handles on the sides.
 - 2.5 Rear step: Rear bumper incorporates steps into operator area. Bumper clearance is 15-16 inches with approximately 18-inch first step height.
 - 2.6 Carriage outrigger: Tube-in-tube design with UHMW interface pads.
 - 2.7 Carriage structure: Heavy duty carriage on each side with 1 swivel tire on each. Carriages are in front of rear tires. A switch in the controller will control the lift cylinder for each respective carriage. An automatic hold transport bracket will maintain each carriage in transport position. Gun carriage layout will be determined by selections.
 - 2.8 Line guide: A line guide with wheel and pneumatic lift will be mounted to the

front bumper. The guide will allow for physical guidance of the truck. The guide arm shall extend out at least 10 feet in front of the bumper and collapse down for transport. Guiding off either center line or edge line is possible.

- 2.9 Auxiliary engine: A John Deere Tier 4 Final 74 hp diesel engine shall be provided as part of the utility mount compressor with 75-amp alternator. The engine shall be provided with controls at rear operator position, fuel drawn from chassis fuel tank and separate battery.
- 2.10 Air compressor: Boss Industries Model 210DUS air compressor with air after-cooler mounted on top. 210 cfm displacement @100 psi.
- 2.11 Rear control console: An enclosure shall be mounted in the rear operator area that will contain the main electronics of the truck as well as switches, regulators, and gauges needed for operators to use the truck.
- 2.12 Air system components include a 12-gallon air tank reservoir, LaMan extractor/dryer with automatic drain, and Humphrey M310 solenoids to control paint and bead guns. The line guide will be raised and lowered by a 3-inch air cylinder via an M310 solenoid controlled by a switch in the chassis cab. Each carriage is raised and lowered via a 3-inch air cylinder via a Norgren 4-way valve. A regulator and gauge are mounted in the rear console to control the bead tank pressure. Carriage cylinders have a fixed down pressure regulator.
- 2.13 Bead system: 1 bead tank with 250-gallon capacity (roughly 3000 lb capacity with Type I beads). Sight glasses on the tank face towards the curb side of the deck. A screen is installed in the neck of the bead tank for manual loading of bag and screening of beads loaded with a load system. A vacuum bead loading system shall be provided powered by a jet pump with muffler. A 2"x12' load hose with cam and groove fitting on the tank end and a suction tube on the other will be provided.
- 2.14 Bead guns: (3) Graco model 238-338. Bead hoses are 1-inch clear poly spring material.
- 2.15 Hydraulic pump: 2.75 CIR pressure compensated rotary piston pump. An external bypass solenoid valve with switch shall provide for low load starting conditions for the engine and pump.
- 2.16 Hydraulic system components: 30-gallon oil reservoir, steering sectors to control carriage extension cylinders, 2 high pressure paint pumps. Hydraulic bypass switch is located at the control console for ease of starting the engine.
- 2.17 Paint system: The deck shall have an area to store 2 totes, each 250 gallons. Straps shall be included to secure the totes to the deck. Two ARO Model PD20A-FSP-STT diaphragm pumps (2 inch) for loading paint into totes and charging high pressure pumps. A 1-inch low-pressure recirculation hose will be plumbed so that paint is drawn out of the lower tote outlet, passed through the low-pressure filter, and returned to the vent at the top of the tote. Strainer at outlet of diaphragm pump - 100 square inch with 1/8-inch holes. Valves to isolate filter during cleaning. Two Titan/Speedflo Model 445-345 13 GPM high pressure

paint pumps. Cam and groove fittings at pump inlet for easy removal. High pressure plated steel ARO filters on the outlet of each pump - 18 square inch filtration surface with 40 mesh screens. Each color filter will be plumbed back to the tote vent to relieve pressure before cleaning filters. Each paint color system will have a surge chamber to even out pressure variances.

- 2.18 Paint hoses: 2-inch x 12-foot transfer hoses with cam and groove fittings on both ends, one per paint color. Two 1-1/2-inch stainless steel load tubes with 90-degree elbow for drawing from drums, one per paint color. 1/2-inch ID paint hose from each high-pressure filter to the respective surge chamber. 1/2-inch ID paint hoses from the surge chamber to each paint gun. All high-pressure paint hoses nylon lined with female plated steel hose end fittings. All low pressure plumbing chemcat hoses with stainless steel fittings.
- 2.19 Paint guns: (3) Graco model 238-377 guns are mounted to the carriages with adjustable brackets.
- 2.20 Controller: 2 model SC-12 skip timers, one at each operator station. Timer boxes will be set up for 4 paint guns max with a carriage lift switch. Switches will be provided in the timer box to lift or lower each paint gun via a 6-inch electric actuator.
- 2.21 Control box in chassis cab: Contains main striping controls including main power switch, strobe lights switch, and other possible options.
- 2.22 Rear control enclosure: An enclosure in the rear operator area will hold additional timer equipment and be a termination point for equipment wiring. A panel is provided with circuit breakers and terminal strips and a fuse block to distribute power and to allow for easy troubleshooting and maintenance.
- 2.23 Wiring: Electrical wiring for the body is a 12-volt system with color coded wiring and circuit protection as needed.
- 2.24 Body lighting: all necessary vehicle lights provided are LED.
- 2.25 Front of Deck Strobes: A pair of Whelen L41AP 360° strobes are mounted at the front corners of the deck on pipe mounts.
- 2.26 Back of Deck Strobes: A pair of Whelen 70A02FAR 180° strobes are mounted on the rear corners of the deck railing.
- 2.27 Carriage Strobes: 2 Whelen LINV2A 180° mini strobes are mounted to the carriages, one strobe per carriage. A single switch in the rear console controls power to both carriage strobes.
- 2.28 Work light system: A set of 8 work lights for the truck. 4 are mounted to illuminate the carriage area. 2 are mounted to illuminate the truck deck space. 1 is mounted on the line guide. 1 is mounted at the low-pressure pumps. There are separate switches in the operator console for carriage lights, deck lights, and load lights. A switch is in the chassis console for the line guide light.

- 2.29 Arrow board: A 25-lamp actuated arrow board is mounted on the rear of the canopy of the truck. The controller is mounted in the chassis cab.
- 2.30 Intercom system: A 3-station David Clark intercom system will be provided. A U3800 base station will be installed in the chassis cab with a single-ear H3492 headset. A U3801 and a U3802 station will be installed at the operator positions, each with an H3432 dual-eared headset. A metal hook will be provided at each station to hold headsets when not in use.
- 3.0 **Technical literature:** Descriptive literature, technical data and photographs shall be included with the proposal.
- 4.0 **Chassis:** A minimum 33,000 lb GVWR chassis is needed for this striper unit but will be quoted separately at time of proposal.
- 5.0 **Warranty:** See warranty statement included with proposals.
- 6.0 **Training:** 3 days of training are recommended but will be quoted separately at time of proposal.
- 7.0 **Availability:** Determined at time of order.
- 8.0 **Delivery:** F.O.B Orange City, IA. Delivery to be quoted separately.
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- 9.0 Chassis roof laser: **501C.** (1) LaserLine GL3000-P to be mounted on a roof bracket on the chassis roof. Controller will be installed in the chassis cab. Laser position can be adjusted remotely from inside the chassis within the adjustment parameters.
- 10.0 Chassis lightbars: **502C.** Two Whelen MC23PA mini lightbars will be mounted on top of the chassis cab controlled by a switch in the chassis cab.
- 11.0 Roof bracket: **504C.** A bracket mounted on the chassis cab roof upon which other equipment may be mounted.
- 12.0 Stand-alone bead scales: **585.** 3 load cell weigh bars are mounted under the bead tank to sense remaining beads left in the tank. This data is displayed on a scale head under the canopy in the operator area.
- 13.0 Bead scales tied to Skip Line unit: **586.** 3 load cell weigh bars are mounted under the bead tank to sense remaining beads left in the tank. This data is transmitted to the Skip Line unit and may be logged and/or displayed on the driver's screen.
- 14.0 Paint heat system: **592C.** A paint heat system will use an initial 35 square foot heat exchanger to pull heat from the auxiliary engine coolant. This will transmit via a glycol solution loop into 2 main heat exchangers to heat both yellow and white paint before it passes through the high-pressure pumps. An air powered pump shall circulate the glycol in this loop. The paint heat will be controlled with thermostats reading temperatures from the paint heat exchangers. The heat controls will be in the rear operator console.
- 15.0 Flush system: **620C.** A 25-gallon poly flush tank shall be provided. It will be plumbed

to quick connects at each side of the deck. A detachable coiled hose with sprayer will be included.

- 16.0 Flush adapter: **621C**. An adapter shall be provided that can be fit to either low pressure pump inlet to allow a garden hose to be hooked to it and the system flushed with water through the low-pressure pump.
- 17.0 Toolbox: **630**. This option is for an aluminum toolbox that is 18 x 18 x 24 inches. Toolbox door opens downwards and has turn to open latch.
- 18.0 Paint hose reel with 25-foot hose: **631**. A paint hose reel with 25 feet of hose will be provided on the rear bumper. Selected options will choose color and location. A hand paint gun with 20" extension will be included and can be stored on the truck with rubber grips.
- 19.0 Flush hose reel with 25-foot hose: **633**. A flush hose reel with 25 feet of hose will be provided on the rear bumper. A detachable pistol style sprayer will be included.
- 20.0 Digital speedometer: **700**. A digital speedometer displaying driving speed in tenths of a mile per hour will be mounted near the dashboard in a location visible to the driver.
- 21.0 Manual triggers: **705C**. A handheld trigger for each side that operators can use to manually trigger guns instead of allowing the Skip unit to control paint gun on/off.
- 22.0 Skip Line data logger: **710**. DL-18 Skip Line data logger unit shall be installed with a display in the driver's easy view. Multiple data sets, and multiple statuses may be displayed on this screen. GPS data for the truck can be recorded and tracked. This allows for connected data services as well.
- 23.0 Skip Line data logger and video system: **711**. DL-18 Skip Line data logger unit shall be installed with a display in the driver's easy view. Multiple data sets, and multiple statuses may be displayed on this screen. GPS data for the truck can be recorded and tracked. This allows for connected data services as well. An actuated camera shall be mounted on each side of the truck. The driver can extend either camera and place lines on the screen to guide off the road image.
- 24.0 Skip Line video system: **712**. An HDVO-318 Skip Line unit shall be installed with a display in the driver's easy view. An actuated camera shall be mounted on each side of the truck. The driver can extend either camera and place lines on the screen to guide off the road image.
- 25.0 Full page printer: **722**. A printer will be mounted in the chassis cab. Full page reports from the data system may be printed on this printer. This option requires a separate Datalogger option.

SPECIFICATIONS FOR ROADWAY MAINTENANCE EQUIPMENT
EZ LINER MODEL TSALC0500
Clackamas County, OR
6/11/26, rev 7/8/26

- 1.0 **Performance specification:** This truck unit shall be capable of painting standard latex traffic paint with varying widths of lines from 4" to 6", and with distance between lines from 0" to 6". Paint application speed from 4-8 mph. The truck will be capable of application rates of 24 mil wet film thickness paint for high build formulations of traffic paint and 10 lbs./gal for Type I glass beads. The unit is designed to operate in its own lane of traffic and shall be able to apply centerline and lane line/edge lines simultaneously. Independent carriage steering systems allow individual adjustment of gun carriages. Unit shall be made in the USA.
- 2.0 **Technical specification:**
- 2.1 Deck color: White
 - 2.2 Deck composition: 3/16-inch-thick steel deck that is 96 inches wide. Smooth deck plate welded to 3-inch crossmembers supported by 4-inch-long sills. Grip strips are adhered to top deck surface in walkways. Railings consist of 42-inch-high 1 1/2" square tubing rails with rounded corners and a 21-inch-high mid-rail.
 - 2.3 Operator enclosure: cab on the rear of the unit measuring approximately 96" wide x 60" deep x 76" height. Support posts kept to a minimum providing maximum visibility for the operator and still allow adequate support for the enclosure. The front corners of the operators' cab shall be square cornered. Corner posts, and structural frame shall be constructed of heavy-duty steel tubing. Windows shall be tinted safety glass. Side windows shall be bubble type vertical slider plexiglass windows. The windows behind each operator's seat and in front of operators' console shall be vertical slide open type to allow for ventilation when the air conditioning system is not being used. Enclosure shall be covered with 10-gauge minimum steel sheeting and shall be electrically welded at all joints. One-inch insulation with black perforated vinyl covering shall be installed on interior cab walls. A 1/2" thick insulated floor mat shall also be provided. (2) H.O. Bostrom black vinyl seats are provided with air ride suspension. Each seat has seat tethers, a seatbelt, foldup armrest on the inside and a fixed armrest on the base of the bubble window opening. Heat and air conditioning provided for the operators' cab, 48,000 BTU/hr. heating, 39,500 BTU/hr. cooling, 577 cfm air flow. One 10 lb. fire extinguisher, and 2 cup holders are provided loose for customer install. A light will be installed over each operator station with a red/white option.
 - 2.4 Deck access: (4) ladders installed on the sides of the deck. 2 ladders on front deck section & 2 ladders on rear section in front of rear operator's cab. 1 rear entrance with steps into the operator area. All access points have grab handles on the sides.
 - 2.5 Rear step: Rear bumper incorporates steps into operator area. Bumper clearance is 15-16 inches with approximately 18-inch first step height.

- 2.6 Toolboxes: (2) 18"x18"x24" each aluminum diamond plate toolboxes provided installed on the rear bumper facing to the rear, opens downwards and has with turn to open latch.
- 2.7 Carriage outrigger: Tube-in-tube design with UHMW interface pads.
- 2.8 Carriage structure: Heavy duty carriage on each side with 1 swivel tire on each. Carriages are mounted behind the rear axle chassis rear tires. A switch in the controller will control the lift cylinder for each respective carriage. An automatic hold transport bracket will maintain each carriage in transport position. Gun carriage layout/configuration shall be as follows:

LEFT CRG:

Y	Y
Vk	Vk
Bd	Bd

RIGHT CRG:

W
Vk
Bd

- 2.9 Auxiliary engine: A John Deere Tier 4 Final 74 hp diesel engine shall be provided as part of the utility mount compressor with 75-amp alternator. The engine shall be provided with controls at rear operator position, fuel drawn from chassis fuel tank and separate battery.
- 2.10 Air compressor: Boss Industries Model 210DUS air compressor with air after-cooler mounted on top. 210 cfm displacement at 100 psi.
- 2.11 Rear control console: An enclosure shall be mounted in the rear operator cab that will contain the main electronics of the truck as well as switches, regulators, and gauges needed for operators.
- 2.12 Air system components include a 12-gallon air tank reservoir, LaMan extractor/dryer with automatic drain, and Humphrey M310 solenoids to control paint and bead guns. Each carriage is raised and lowered via a 3-inch air cylinder via a Norgren 4-way valve. A regulator and gauge are mounted in the rear console to control the bead tank pressure. Carriage cylinders have a fixed down pressure regulator.
- 2.13 Bead system: bead tank with 320-gallon capacity (roughly 4000 lb capacity with Type I beads). Sight glasses on the tank face towards the curb side of the deck. A screen is installed in the neck of the bead tank for manual loading of bag and screening of beads loaded with a load system. A vacuum bead loading system shall be provided powered by a jet pump with muffler. A 2"x12' load hose with cam and groove fitting on the tank end and a suction tube on the other will be provided.
- 2.14 Bead guns: (3) Graco model 238-338. Bead hoses are 1-inch clear poly spring material.
- 2.15 Visilok system: tank with roughly 300 lb capacity for Visilok drying agent.
- 2.16 Visilok guns: (3) Graco model 238-338. Visilok hoses are 1-inch clear poly

spring material.

- 2.17 Hydraulic pump: 2.75 CIR pressure compensated rotary piston pump. An external bypass solenoid valve with switch shall provide for low load starting conditions for the engine and pump.
- 2.18 Hydraulic system components: 30-gallon oil reservoir, steering sectors to control carriage extension cylinders, 2 high pressure paint pumps. Hydraulic bypass switch is located at the control console for ease of starting the engine.
- 2.19 Paint system: The deck shall have an area to store 2 totes, each 250 gallons. Straps shall be included to secure the totes to the deck. (2) ARO Model PD20A-FSP-STT diaphragm pumps (2 inch) for loading paint into totes and charging high pressure pumps, one per color. A 1-inch low-pressure recirculation hose will be plumbed so that paint is drawn out of the lower tote outlet, passed through the low-pressure filter, and returned to the vent at the top of the tote. Strainer at outlet of diaphragm pump - 100 square inch with 1/8-inch holes. Valves to isolate filter during cleaning. (4) Titan/Speeflo Model 445-345 13 GPM high pressure paint pumps, two per color. Cam and groove fittings at pump inlet for easy removal. High pressure plated steel ARO filters on the outlet of each pump - 18 square inch filtration surface with 40 mesh screens. Each color filter will be plumbed back to the tote vent to relieve pressure before cleaning filters. Each paint color system will have a surge chamber to even out pressure variances.
- 2.20 Paint hoses: 2-inch x 12-foot transfer hoses with cam and groove fittings on both ends, one per paint color. Two 1-1/2-inch stainless steel load tubes with 90-degree elbow for drawing from drums, one per paint color. 1/2-inch ID paint hose from each high-pressure filter to the respective surge chamber. 1/2-inch ID paint hoses from the surge chamber to each paint gun. All high-pressure paint hoses nylon lined with female plated steel hose end fittings. All low pressure plumbing chemical hoses with stainless steel fittings. Clear heat shrink shall be applied to protect the ball valve labels from peeling off.
- 2.21 Paint guns: (3) Graco model 238-377 guns are mounted to the carriages with adjustable brackets.
- 2.22 Water cleaning tank: A Fimco 25-gallon poly flush tank tank will be provided and plumbed to quick connect fittings at each carriage location for connection to a detachable coiled hose and handgun sprayer for cleaning. An adapter shall be provided that can be fit to either low pressure pump inlet to allow a garden hose to be hooked to it and the system flushed with water through the low-pressure pump.
- 2.23 Controller: (2) model SC-12 skip timers, one at each operator station. Timer boxes will be set up for 4 paint guns max with a carriage lift switch. Switches will be provided in the timer box to lift or lower each paint, Visilok, and bead gun via a 6-inch electric actuator. A handheld trigger for each side that operators can use to manually trigger guns instead of allowing the Skip unit to control paint gun on/off.
- 2.24 Control box in chassis cab: Contains main striping controls including main power

switch, strobe lights switch, and other possible options.

- 2.25 Rear control enclosure: An enclosure in the rear operator cab will hold additional timer equipment and be a termination point for equipment wiring. A panel is provided with circuit breakers and terminal strips and a fuse block to distribute power and to allow for easy troubleshooting and maintenance.
- 2.26 Skip Line data logger and video system: DL-18 Skip Line data logger unit shall be installed with a display in the driver's easy view. Multiple data sets, and multiple statuses may be displayed on this screen. GPS data for the truck can be recorded and tracked. This allows for connected data services as well. 3 load cell weigh bars are mounted under the bead tank to sense remaining beads left in the tank. Non-contact stroke counters sense the paint output per stroke of the HP paint pumps. This data is transmitted to the Skip Line unit and may be logged and/or displayed on the driver's screen. An electric cylinder actuated Dakota Micro Endura-cam HD camera shall be mounted on each side of the truck. The driver can extend either camera up to 36-inches and place lines on the screen to guide off the road image. A printer will be mounted in the chassis cab. Full page reports from the data system may be printed on this printer.
- 2.27 Wiring: Electrical wiring for the body is a 12-volt system with color coded wiring and circuit protection as needed.
- 2.28 Body lighting: all necessary vehicle lights provided are LED.
- 2.29 Mini-lightbars: A pair of Whelen Responder R10HDPA mini lightbars are mounted on a chassis cab roof bracket.
- 2.30 Front of Deck Strobes: A pair of Whelen L41AP 360° strobes are mounted at the front corners of the deck on pipe mounts.
- 2.31 Back of Deck Strobes: A pair of Whelen L41AP 360° strobes are mounted on the rear corners of the operators' cab on brackets.
- 2.32 Carriage Strobes: 2 Whelen LINV2A 180° mini strobes are mounted to the carriages, one strobe per carriage. A single switch in the rear console controls power to both carriage strobes.
- 2.33 Work light system: A set of 8 work lights for the truck. 4 are mounted to illuminate the carriage area. 2 are mounted to illuminate the truck deck space. 1 is mounted at the low-pressure pumps. 1 will be provided as a spare part. There are separate switches in the operator console for carriage lights, deck lights, and load lights.
- 2.34 Message board: A Litesys 1020F-4 message board is mounted on the rear of the cab of the truck. Controller is mounted in the chassis cab.
- 2.35 Laser guidance system: A LaserLine Mfg. GL3000P remote control laser guidance system provided and mounted on the center of the chassis cab roof bracket. Controller is mounted in the chassis cab.

- 2.36 Gun carriage Laser guidance system: A LaserLine Mfg. GL3000PM-S manual control laser guidance system is provided and mounted on the outer edge of each gun carriage for the operator to line up to the location intended to paint. Controllers are mounted in the rear operators' cab.
- 2.37 Intercom system: A wireless David Clark Gateway 3800 intercom system will be provided. The master control module Model U9922-G38 shall be installed in the operators' cab. One 4-bay charger, Model A99-14CRG 12-volt DC shall be provided and installed in the operators' cab. 1 remote antenna to be installed toward the front of the equipment platform. 4 Model U9901-BSW belt stations with battery packs to be provided. 2 single muff headsets Model H9990 shall be provided for the driver(s). 2 dual muff headsets Model H9930 shall be provided for the operator(s). 3 headset storage hooks shall be provided and installed with one in the chassis cab and two in the operators' cab.
- 3.0 **Technical literature:** Descriptive literature, technical data and photographs shall be included with the proposal.
- 4.0 **Chassis:** Autocar ACMD42, 41,000# GVWR, air-ride rear axle suspension, 360 HP diesel engine, Allison 3000 transmission; 100 gal. aluminum fuel tank, 215" wheelbase, air-ride driver and passenger seat, low speed cruise control, air horn, motorized side mirrors, back-up camera.
- 5.0 **Spare parts:**
- 5.1 (1) Calibration kit (000-A301-00).
- 5.2 (1) Fuse kit. Contains the following items:
- | | |
|-----------------|---------------------------------|
| (1) G32-01-7639 | 225A MRBF fuse |
| (2) G32-01-7605 | 30A MIDI fuse |
| (2) G32-01-7606 | 40A MIDI fuse |
| (1) G32-01-7054 | 1A fast burn in line glass fuse |
| (1) G32-01-7983 | 2A slow burn in line glass fuse |
| (1) G32-01-7055 | 5A slow burn in line glass fuse |
| (4) G32-01-7651 | 15A breakers |
- 6.0 **Warranty:** 12-month warranty statement included with proposal.
- 7.0 **Training:** (4) eight hour days of technical training are to be provided in or around Oregon City, OR.
- 8.0 **Availability:** Determined at time of order.
- 9.0 **Delivery:** F.O.B. Oregon City, OR. Delivery included.

July 8, 2026

Clackamas County
19246 Wachen Parkway
Oregon City OR 97045

Sourcewell Account #31693

Comparison of: Sourcewell Master Agreement #050625-EZL Specifications for Roadway Maintenance Equipment EZ Liner Model TSALA0500 Teton Plus, dated 4/17/2025, revised 9/10/25.

To: Clackamas County's Specifications for Roadway Maintenance Equipment EZ Liner Model TSALC0500 dated 6/11/26, revised 7/8/26.

The following items have been changed from the Sourcewell Master Agreement #050625-EZL specification and are **covered by Published Options**:

1. **Page 4; 2.35 Laser guidance system**: A LaserLine Mfg. GL3000P has been added. This change is covered by published item **501C**.
2. **Page 4; 2.26 Skip Line data logger**: Bead scales have been added and integrated to DL-18. This change is covered by published item **586**.
3. **Page 3; 2.22 Water cleaning tank**: A 25-gal poly flush tank has been added. This change is covered by published item **620C**.
4. **Page 3; 2.22 Flush adapter**: Two (2) low pressure paint pump garden hose flush adapters have been added. This change is covered by published item **621C**.
5. **Page 2; 2.6 Toolboxes**: Two (2) aluminum toolboxes (18"x18"x24" each) have been added. This change is covered by published item **630**.
6. **Page 3; 2.23 Remote trigger**: Two handheld remote trigger switches for gun control have been added. This change is covered by published item **705C**.
7. **Page 4; 2.26 Skip Line DL-18 & video system**: A touchscreen to display dtatlogger information and to control the crosshairs on the video feed has been added. This change is covered by published item **711**.
8. **Page 4; 2.26 Full page printer**: A paper printer has been added in the chassis cab. This change is covered by published item **722**.

The following items listed in the County's specifications are **changes to the master agreement specifications** that come under **Sourced Goods**.

1. **Page 5; 4.0 Chassis**: -An in-stock 2024 MY Autocar ACMD42 chassis (wheelbase to be lengthened) has been added to the specifications. An **addition** has been included for this change.

2. Page 1; 2.2 Deck: Platform modifications have been made to accommodate the custom equipment layout required. An **addition** has been included for this change.
3. (SW master agreement spec) Page 1; 2.8 Line guide: The mechanical line guide specified in the Sourcewell master agreement has been removed. A deduct has been applied.
4. Page 1; 2.3 Operator enclosure: A rear operator's cab with heat and air conditioning has replaced the open canopy in the specification. An **addition** has been included for this change.
5. Page 3; 2.20 Clear heat shrink: Clear heat shrink to protect labels on ball valves has been added. An **addition** has been included for this change.
6. Page 1; 2.4 Deck access: & 2.5 Rear step: (2) Fold-up ladders have been added to the sides of the platform, and the rear step bumper has been extended to accommodate the taller Class 8 chassis frame rail. An **addition** has been included for these changes.
7. Page 3; 2.19 Paint system: (2) Titan Speeflo 13 gpm HP paint pumps have been added for tandem pump operation per color to apply high build latex at 24 WFT. An **addition** has been included for this change.
8. Page 2; 2.8 & Page 3; 2.23 Electric actuators: (6) Electric gun raisers have been added, three for the glass bead guns & three for the Visilok guns. An **addition** has been included for these changes.
9. Page 2; 2.15 Visilok system: A pressurized tank to hold and dispense 300# of the Visilok drying agent has been added. An **addition** has been included for this change.
10. Page 3; 2.16 Visilok guns: (3) Graco 238338 guns for applying Visilok have been added. An **addition** has been included for this change.
11. Page 2; 2.13 Bead system: A 4000# glass bead tank has replaced the 3,000# capacity tank. An **addition** has been included for this change.
12. Page 4; 2.24 Control box in chassis cab: A customized chassis cab control console for installation in an Autocar ACMD cab interior has replaced the Isuzu FVR console. An **addition** has been included for this change.
13. Page 4; 2.29 Mini-lightbars: (2) Whelen Responder R10HDPA mini lightbars have been added. An **addition** has been included for this change.
14. Page 4; 2.31 Back of Deck Strokes: (2) Whelen L41AP's have replaced the (2) Whelen 70A02FAR strobes in the SW specification. An **addition** has been included for this change.
15. Page 4; 2.34 Message board: A Litesys model 1020F-4 message board has replaced the specified arrow board. An **addition** has been included for this change.
16. Page 5; 4.0 Back-up camera: A Weldex rearview/backup camera has been added. An **addition** has been included for this change.
17. Page 5; 2.37 Intercom system: A 4-headset David Clark wireless intercom system has replaced the 3-station wired David Clark U3800 system. An **addition** has been included for this change.

18. Page 5; 5.0 Spare parts: A spare parts kit has been added per specified listing. An **addition** has been included for this change.
19. Page 5; 7.0 Training: (4) days of training will be provided. An **addition** has been included.
20. Page 5; 9.0 Delivery: -Per EZ Liner's Sourcewell contract delivery to Oregon City is covered under Sourced Goods. An **addition** has been included.

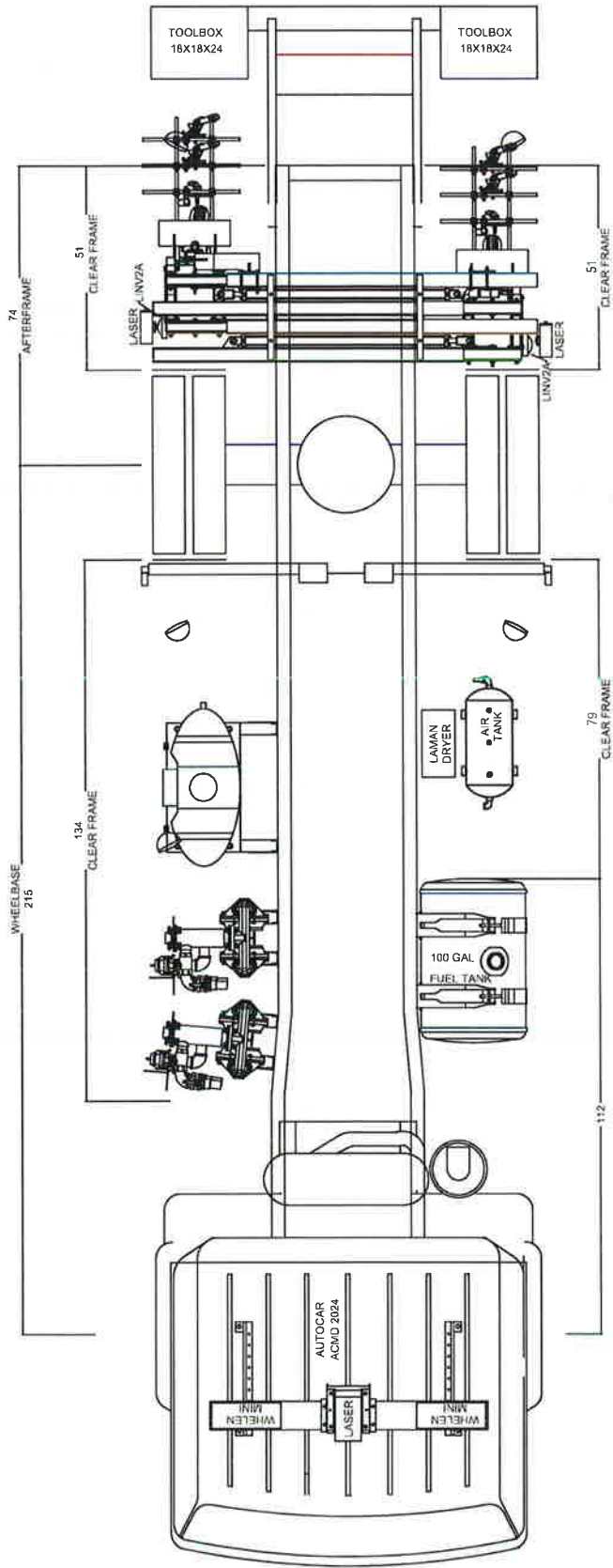
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WHEELBASE

SIGNATURE:

CHECK YOUR STATE LAWS FOR STATE WEIGHT LIMITS AS THEY VARY BY STATE

FLINER

MODEL SALC0300 PROPOSED COMPONENT LAYOUT



PROPRIETARY



ORANGE CITY, IOWA 51041
 CLACKAMAS COUNTY, OR 2026
 MODEL TSALC0500
 PROPOSED COMPONENT LAYOUT

drawn	JJWS
date created	6/1/26
date revised	6/23/26
rev	C

Clackamas County

Oregon City , Oregon

Account # 31693

Sourcewell Contact

If this is your organization and you need assistance, please contact:

Ben Henle

Email: ben.henle@sourcewell-mn.gov

Is this your organization?

Great news—your organization is already a Sourcewell participating agency! Using the account number provided on this page, you can immediately utilize Sourcewell awarded contracts by providing this number to the supplier you wish to purchase from.

Need to make changes?

Update your information or add a contact

Need help?

For employees of this agency

Contact our dedicated team or call 877-585-9706.

For suppliers working with this agency:

Reach out online or call 877-585-9706.

EZ Liner - Arrow

Pavement marking vehicles and removal equipment solutions

#050625-EZL

Maturity Date: 7/7/2029

Website: ezlinerarrow.com/buying-options 

Products & Services



Products & Services

Sourcewell contract 050625-EZL gives access to the following types of goods and services:

Paint striping trucks

- Mid-size paint machinery
- Walk-behind paint machines
- RPM applicator trucks, manual and automated
- Robotic legend marking trucks
- Traffic coatings
- Grinding and grooving equipment
- Line removal equipment
- Thermoplastic marking trucks
- Plural component marking trucks
- Water blasting systems
- Automated layout and striping systems

Additional information can be found on the vendor-provided, nongovernment websites at:

Custom Paint Trucks: Roads

EZ Liner offers the widest range of custom built, truck mounted latex paint stripers available today. Our custom built approach means you will get the striper that is designed for your needs and budget. Custom built airless & air spray stripers for latex long line road quick-dry markings.



500 – 1000 gallons



Under 500 gallons



1000 + gallons

Available Features ▼

- Utilization of components recognized and trusted as professional, durable, dependable and cost effective
- Engineering generated weight distribution layouts to ensure compliance with vehicle and legal limits
- High-quality welds and strong platform, railing and ladder construction
- Variety of paint delivery systems, including airless and airspray technologies
- Simplified and convenient plumbing, wiring, and controls for ease of use and efficiency
- Guiding tools options such as highlift mechanical, laser and video camera



CUSTOMLINER



CUSTOMLINER by EZ Liner

Custom Paint Trucks: Roads

BENEFITS

- EZ Liner offers the widest range of custom-built, mounted latex paint strippers available
- Designed for your specific needs
- Built to your budget



SCAN FOR
ADDITIONAL
INFORMATION.



EZ Liner | 1920 Albany Place SE, Orange City, IA 51041 | (800) 373-4016 | ezlinearrow.com

CUSTOM LINER

SPECIFICATIONS

- Utilization of components recognized and trusted as professional, durable, dependable, and cost effective
- Choice of chassis
- Engineering-generated weight-distribution layouts to ensure compliance with vehicle and legal limits
- High-quality welds and strong platform, railing, and ladder construction
- Two-component urethane coating, powder coating, and plating for ultimate protection from weathering, wearing, and fading
- Durable, lightweight, sturdy carriage design with automatic storage lock and down pressure for consistent lines
- Variety of paint-delivery systems available, including airless and air-spray technology
- Simplified and convenient plumbing, wiring, and controls for user friendliness and efficiency
- Intelligent and safe design, dependable performance, and reliable service after the sale
- Endless supply of guiding tools, such as highlift mechanical, laser, and video camera
- Enhanced air-preparation fixtures to protect on-board pneumatic systems
- Surface-preparation air jets and electric gun elevators for line-width control
- Solenoid override for gun testing at the carriage location
- Resourceful paint- and bead-loading systems and level gauges
- Agitators and recirculation for maintaining viscosity and integrity of the traffic paint
- Tote and drum draw paint systems
- Auxiliary paint and bead gun options for hand applications
- Skip-Line, Inc. controllers, data-logging systems, footage counters, and other high-tech electronic equipment
- LED safety lighting to include strobes, arrow and message boards, lightbars, etc.
- Communication tools such as wireless, duplex, simultaneous-talk intercom systems

Sourcewell
FURNITURE 11/15/14

Awarded Contract

canoe
procurement group of canada



Under 500 Gallons



500-1000 Gallons



1000+ Gallons



Air Spray

EZ Liner. Proven, Reliable, Cost-Effective.

EZ Liner's equipment, specifications, and components are all subject to change without notice.

REV 01/25

EZ LINER

EZ Liner and Arrow Striping Equipment are affiliates of Vogel Traffic Services

Platform Construction

- ✓ Heavy duty 3/16" thick smooth steel deck plate platform surface with rolled edges to create a one-piece integrally formed 5 1/2" tall rub-rail and capped ends for finished corners.
- ✓ Safe, corrosion resistant rolled edges without gaps, cracks, or channels in which debris builds up and moisture can occur over time.
- ✓ Structural channel sub frame, 4" longitudinal stringers.
- ✓ 3" cross members on maximum 21" centers.
- ✓ Various metals, dimensions, and designs available.
- ✓ Grade 8 riser bolts, 8" risers.
- ✓ 6" wide anti-slip grip tape applied to all open walking areas, spaced 3" apart.
- ✓ Safety railings welded to perimeter of deck for stability and rigidity.
- ✓ Powder coated for a durable lasting finish.



Accept no exceptions or equals!

Descriptive, Not Restrictive. EZ-Liner's continuing quest for improvement makes equipment, specifications, and components subject to change without notice.



Heavy Duty Operator's Enclosure with bubble

- ✓ 96" wide x 60" deep x 76" high roll-over protective constructed structure heavy duty frame includes center vertical posts, long base members, and center base supports constructed of heavy duty walled 4" x 4" square tubing and aluminum 10 gauge walls.
- ✓ 28" x 25" slide up out of the way side bubble window for top down carriage visibility. Slider type track windows for ventilation behind each operator seat and above the center console in the front of the cab.
- ✓ Center rear bumper access through hinged lockable door.
- ✓ One-inch thick foam insulation with black perforated vinyl covering installed on interior cab walls. Wall-to-wall durable wear resistant interior floor mat.
- ✓ Sound ratings inside sealed cab of 72 decibels or below.
- ✓ Slider type windows front and rear for ventilation.
- ✓ Heat & air conditioning with 48,000 BTU heat, 39,500 BTU cooling, & 577 cfm air flow.



Accept no exceptions or equals
Descriptive, Not Restrictive. EZ-Liner's continuing quest for improvement makes equipment, specifications, and components subject to change without notice.



Rear Operator Air Ride Seats

- ✓ H.O. Bostrom ergonomically designed with air-ride suspension.
- ✓ Seat tethers, seat belt, flip-up armrests, and full backrest with lumbar support.
- ✓ 5" fore and aft adjustment range, 6" vertical air suspension range of travel, release lever for reclining back adjustment.
- ✓ Black Duracoat™ vinyl trim offers a cleanable surface protection, stain & abrasion resistance & improved wear.



Accept no exceptions or equals!

Descriptive, Not Restrictive. EZ Liner's continuing quest for improvement makes equipment, specifications, and components subject to change without notice.



Safety Ladder Construction

- ✓ Rugged 1 ½" square steel tube construction.
- ✓ Heavy duty bullet type low profile hinges with rounded ends for safety.
- ✓ Flush fitting with platform railing vertical posts when stored upright.
- ✓ Fail-safe spring-loaded pawl type finger pull pin type latch.
- ✓ Folds down at a slight angle for ease of operator use.
- ✓ 25" long chrome handrail mounted vertically on each side of ladder entrance.
- ✓ Perforated horizontal step rungs for a slip free sure grip.



Accept no exceptions or equals!

Descriptive, Not Restrictive. EZ-Liner's continuing quest for improvement makes equipment, specifications, and components subject to change without notice.



Rear Step Bumper Construction

- ✓ Heavy duty "C" channel steel frame rail extensions and step bumper support.
- ✓ Safe, rust resistant capped ends, rolled edges without gaps, cracks, etc. in which debris builds up and moisture can occur over time.
- ✓ 3/16" formed steel channel staircase style steps 6 1/2" deep each with rolled bottom edge for finished look and enhanced safety.
- ✓ Bottom step bumper standard widths of 88" and 96", with other dimensions and design customization available upon request.
- ✓ Heavy duty high traction abrasive step surfaces for secure and safe footing.
- ✓ Full width conspicuity tape facing rear for maximum motorist visibility.
- ✓ Chrome grab handle(s) for better on and off balance and stability.
- ✓ 18" (approximate) 1st step height from pavement also offers rear under-ride protection.



Accept no exceptions or equals!

Descriptive, Not Restrictive. EZ-Liner's continuing quest for improvement makes equipment, specifications, and components subject to change without notice.



Toolbox

- ✓ Heavy duty aircraft grade aluminum with treadbrite finish.
- ✓ Stainless steel T handle with key lockable recessed latch interlocking with rubber gasket.
- ✓ Standard size is 24" wide, 18" deep and 18" tall each, other sizes also available for custom design.
- ✓ Mounted in easily accessible locations for operator convenience.

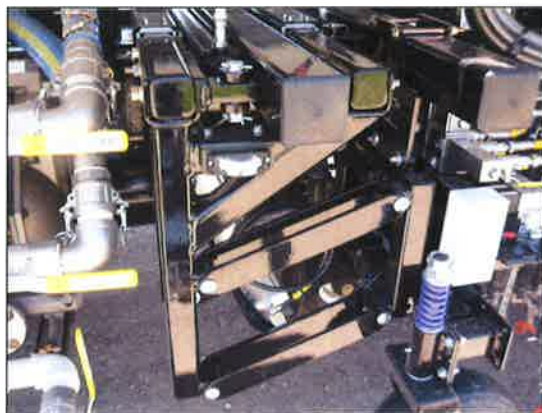


Accept no exceptions or equals!
Descriptive, Not Restrictive. EZ Liner's continuing quest for improvement makes equipment, specifications, and components subject to change without notice.



Heavy Duty Gun Carriage Outriggers

- ✓ Various tire and swivel caster sizes and configurations available.
- ✓ Zinc plated gun holding rods and brackets for durability and ease of overspray clean up.
- ✓ Powder coated parallel hinged bar type construction absorbs terrain both horizontally and vertically, yet maintains rigidity from side to side, ensuring the straightest lines and the most consistent gun height relative to the pavement.
- ✓ Pneumatic air cylinder to lift the spray gun carriage off the road surface and to apply down pressure for stability when striping.
- ✓ Dual (two) square tube in tube retractable structural steel slides with UHMW PE bearing material controlled with hydraulic power steering.
- ✓ Auto-hold transport bracket does not require chains to hold the carriage in place.
- ✓ Trailing wheel design sets gun bars back behind the outriggers for maximum operator visibility.
- ✓ Flashing LED light for maximum visibility to traffic from all directions.



Accept no exceptions or equals!

Descriptive, Not Restrictive. EZ Liner's continuing quest for improvement makes equipment, specifications, and components subject to change without notice.

EZ LINER® - ARROW™



Aircraft style tires



Product Specifications

SIZE	PLY RATING	PRODUCT CODE	TYPE	RIM	INFL PRESS	MAXIMUM LOAD	WEIGHT
5.00 X 5	6	AD4D4	AERO TRAINER	5	50	1285	4.4

Aero Trainer®

Aircraft Tires

Designed for flight schools with single engine trainers. Why take a chance with a recap? When, at a competitive price, you can have the high quality and durability of a new Aero Trainer® from Specialty Tires of America!

Accept no exceptions or equals!

Descriptive, Not Restrictive. EZ Liner's continuing quest for improvement makes equipment, specifications, and components subject to change without notice.



the FT4 DUS

Diesel Rotary Screw Air Compressor

FINAL TIER 4 DIESEL AIR COMPRESSOR



HEAVY DUTY DESIGN MANUFACTURED FOR
OEM TRUCK MOUNTED APPLICATIONS

more air solutions at
BOSSair.com

BOSS®
engineered **AIR** systems

the FT4 DUS

Final Tier 4 Diesel Rotary Screw Air Compressor

The BOSS Final Tier 4 Diesel Utility Skid is based on the success of its predecessor, the iT4 DUS. This unit incorporates a proven Final Tier 4 74 HP diesel engine mated to a skid mounted air compressor. Strong, durable and now with a full digital control system - The BOSS B-CAN!

This controller allows for a full system integration featuring all the typical safety shutdowns such as; Engine High Coolant Temperature, Engine Oil Pressure, High Compressor Pressure and Compressor Discharge Temperature, all at your finger tips!

Typically, this BOSS application is mounted to the customers' vehicle for various tasks such as paint striping, vacuum systems, and air tools. It can be tied into the truck fuel system or have a separate fuel tank for operation.

FEATURES

- Compact Design with Strong Perimeter Frame
- Heavy Duty Compressor Drive Coupling
- Remote Fluid Drains
- Routine Service is Accessed on End of Unit
- Two-Stage Air Filters and Restriction Indicators
- Control System Utilizes Our B-CAN Full Digital Controller Featuring: All our typical shutdowns PLUS, Compressor Air Pressure, Engine RPM, Hour meter, Oil Life, Compressor Service Intervals, Manual or Automatic Re-Gen Cycles and more!
- Engine Auxiliary Drive SAE "A" or SAE "B" (Standard)
- WYE Valve 1" to (2) ¾" Discharge Valves
- 0-100% Capacity Control
- Corrosion Resistant Enclosure
- Lifetime Warranty Available when utilizing our ShieldWorks Lubrication Program

OPTIONS

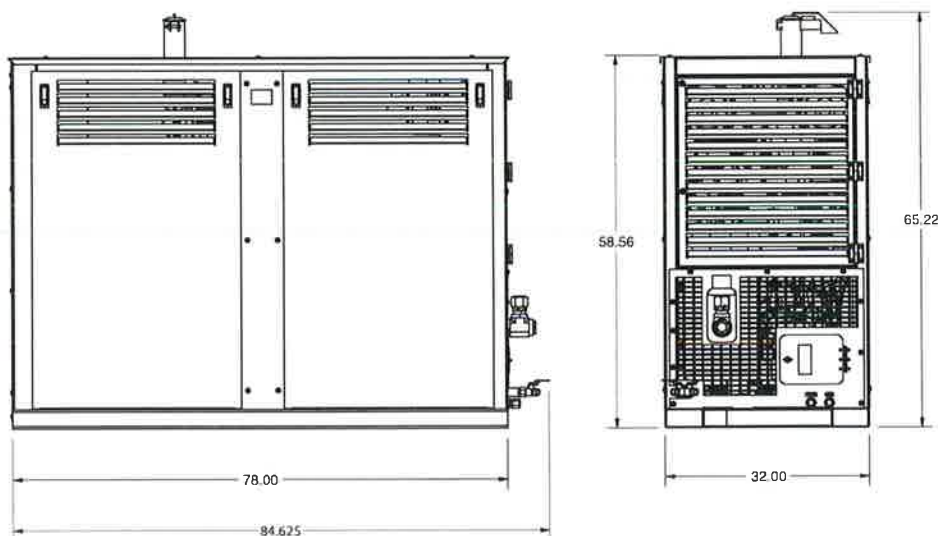
- 3 Groove Crank Pulley
- 120 AMP Alternator
- 10 KW Generator
- Cold Weather Engine Block Heater
- Aftercooler
- OSHA Valves
- Lubricators
- 200 PSIG (200cfm @ 200psi)
- Moisture Trap
- Remote B-CAN Panel

MODEL	FT4 210 DUS	FT4 250 DUS
Capacity Delivery	210 CFM @ 100 PSIG	250 CFM @ 100 PSIG
Engine Type	Diesel	Diesel
Make	John Deere	John Deere
Model	4045	4045
Rated Speed	2400 RPM	2400 RPM
Rated Power	74 HP (55.2 KW)	74 HP (55.2 KW)
Weight (Wet)	2,620 LBS (1188 KG)	2,820 LBS (1279 KG)

DIMENSIONS*

Length	84 5/8"	84 5/8"
Height (Over Exhaust)	65 1/4"	65 1/4"
Width	32"	32"

Specifications Subject to Change Without Notice.
*Dimensions May Vary Depending on Configuration of Optional Equipment.



BOSS FT4 DUS Dimensions



DISTRIBUTED BY:

BOSS INDUSTRIES, LLC

1761 Genesis Drive LaPorte, IN 46350

Voice: (219) 324-7776 • (800) 635-6587 • Fax: (219) 324-7470

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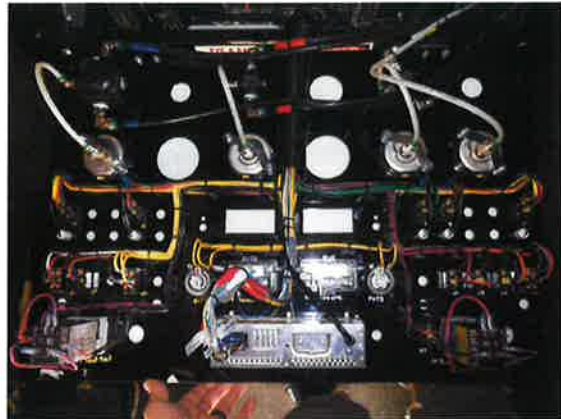
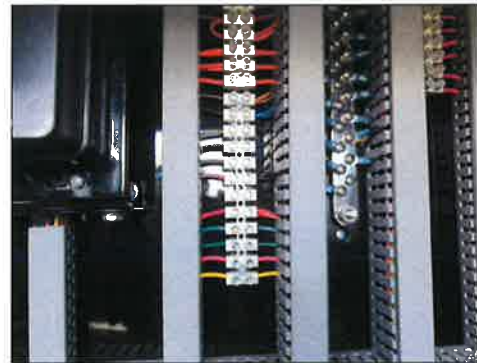
Specifications subject to change without notice.

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Electrical Control Console

- ✓ Rugged powder coated steel constructed housing.
- ✓ Hinged front and top panels for access to all internal components.
- ✓ Panel mounted switches, regulators, and liquid filled gauges.
- ✓ Black faceplate with permanent white etched function labels.
- ✓ Indicator lights illuminate when switch is activated.
- ✓ Neat and organized wiring with electrical schematic prints provided.
- ✓ Circuit breakers, fuses, relays, resistors, & diodes for surge protection.
- ✓ Grounded UL compliant junction blocks, connectors, switches, etc.
- ✓ USB power outlets for charging electronic devices.



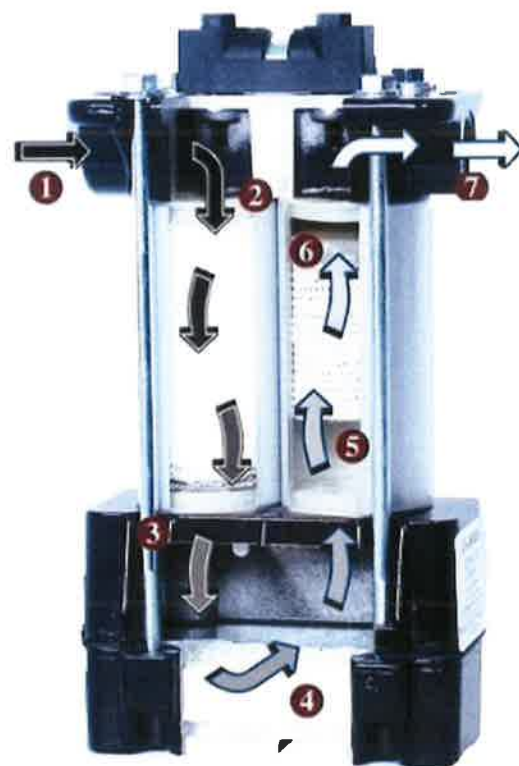
Accept no exceptions or equals!

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La-Man Extractor/Dryer®

How Extractor/Dryers® Work:

- ➊ Compressed air containing tiny particles of dirt, dust, oil and moisture enters the first stage of the **Extractor/Dryer®**.
- ➋ A coalescing effect occurs as air passes through a cartridge mesh filter that captures particles and causes moisture to form larger droplets.
- ➌ Air velocity lessens as it enters the extraction chamber allowing particles to collect and moisture to condense on the honeycomb.
- ➍ Particle laden water flows along the bottom and out the drain.
- ➎ Air passes through the second stage, wire supported fiber, filter cartridge that captures remaining particles down to 5 micron.
- ➏ Remaining moisture and contaminants are dried and filtered in the second stage filter.
- ➐ Exhaust air is clean and dry - no dirt, rust, oil or water droplets to disrupt air equipment operation.



MODELS	NPT	SCFM	MAX PSI	SERVICE KIT	SIZE (INCHES)	APPROX WT. LBS
111	3/4"	80	250	080SKA	11-3/4 x 6 x 3-1/4	6#

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EZ LINER® - ARROW™

111F



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Humphrey® M310

SUBBASE MANIFOLD MOUNTED SOLENOID VALVES

M310

A 3-way, single solenoid, 2-position/spring return, Normally Open or Normally Closed, general purpose air valve.

1/8-inch ported subbase manifold

Direct-acting solenoid valves with a flow co-efficient (Cv) of 1.0, the highest flowing valve of their kind. The fast-switching coil, short stroke and poppet design opens a full 1/8" diameter flow path instantly, for millions of cycles.



Lubrication 320/420 valves are pre-lubed and can be operated without air line lubrication to an estimated life of 20 million cycles, depending on application. If air pistons/cylinders or other devices require lubrication, ensure that lubricating oils are chemically compatible with Buna N elastomers and are of sufficient viscosity to assure adequate lubrication. Thin or low viscosity oils (spindle oil, machine oil, etc.) do not provide a good residual film of lubrication.

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Glass Bead Tank

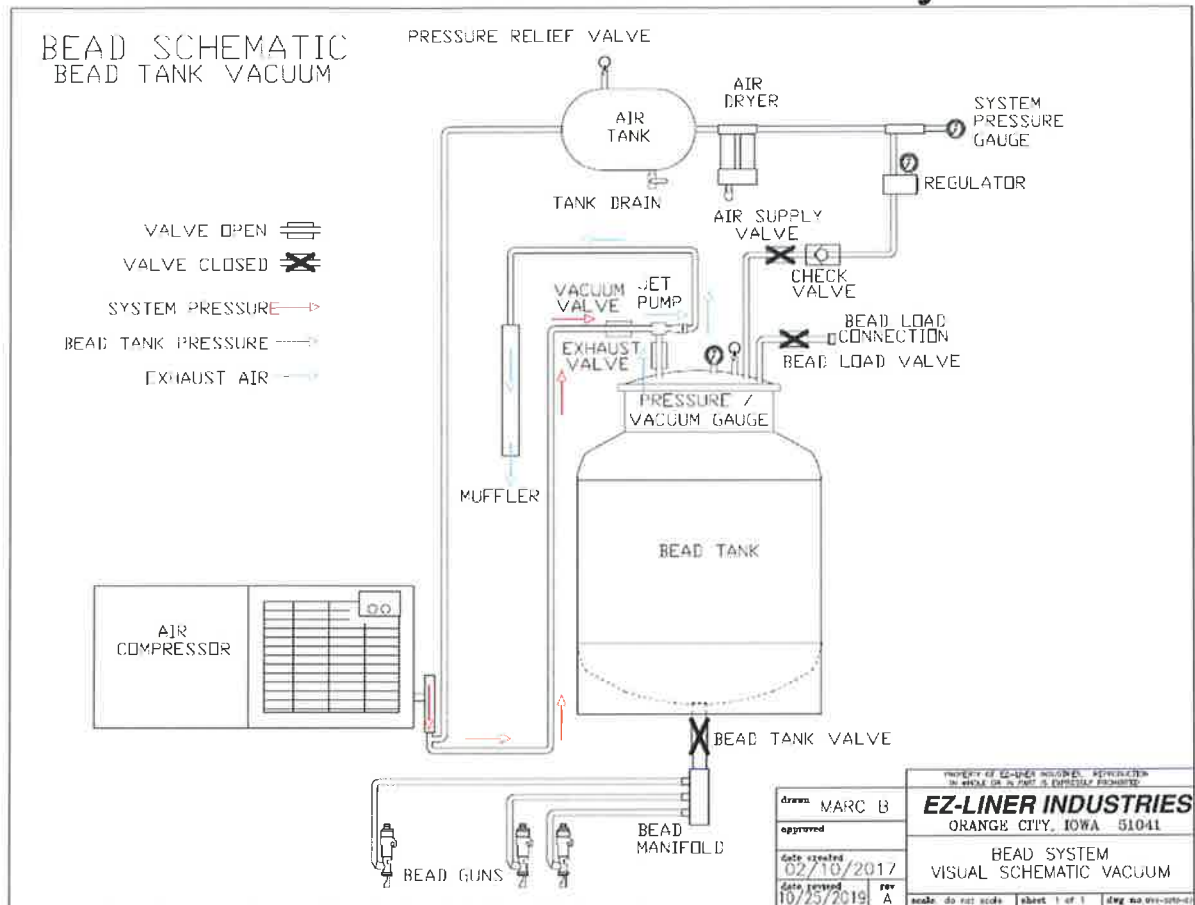
- ✓ 12 forged steel C-clamps with T handle head bolted lids and airtight gasket seal.
- ✓ A.S.M.E. certification standard on all pressure vessels.
- ✓ Hinged full top opening lid with handle welded to lid.
- ✓ Instant glass bead level monitoring featuring large 2" diameter sight glasses installed at 1/4, 1/2, and 3/4 full.
- ✓ Heavy duty tank walls with powder coating exterior finish.
- ✓ Splitter/strainer screen fits in neck of tank to catch debris while loading manually or with a vacuum bead loading system.
- ✓ Application pressure regulated from the operator's station.
- ✓ Optional anti-surge features and devices available for specialized or high-density reflective media.
- ✓ Preset safety pressure relief or "pop-off" valves.



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Jet pump Eductor Vacuum Glass Bead Load System



Accept no exceptions or equals!

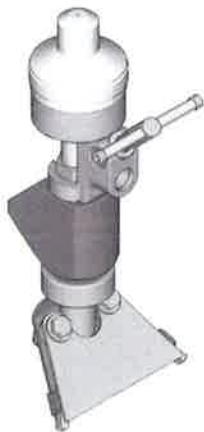
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EZ LINER® - ARROW™



Automatic Single Acting Bead Gun

Part Number (Model): 238338



Technical Data

Valve Seat Nozzle Sizes: 0.170, 0.203, 0.234, 0.281, 0.344, 0.420 †

† Nozzle size 0.420 is optional; order separately.

Maximum working pressure 200 psi (12 bar)

Operating pressure of air actuated trigger: Min 50 psi (3 bar) Max 200 psi (12 bar)

Air connection 1/4 npt(f) air inlet

Bead connection 3/4 npt(f) bead inlet

Glass bead output 2-40 lb/min (0.9-18 kg/min)

Air consumption 1-2 cfm

Spray width 2-12 in. (50-304mm)

Operating temperature 32° - 120° F (0° - 49° C)

Sound pressure level <80 dB

Sound power level <80 dB

*Measurements at 120 psi Air Cylinder, 60 psi Air Bead

Accept no exceptions or equals!

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Visilok® Paint Drying Agent Application System

- ✓ Drying agent storage tank capacity of 300 lb., ASME certified pressure vessel of all steel construction, 100 PSI gauge, 110 PSI relief valve, air-release valve, hinged lid in the top of the tank.
- ✓ Delivery manifold at the outlet of the storage tank designed to provide equal flow to all drying agent guns.
- ✓ Storage tank air supply regulated from operator's station.
- ✓ Abrasion and kink resistant clear hose leading to guns, no 90-degree fittings.



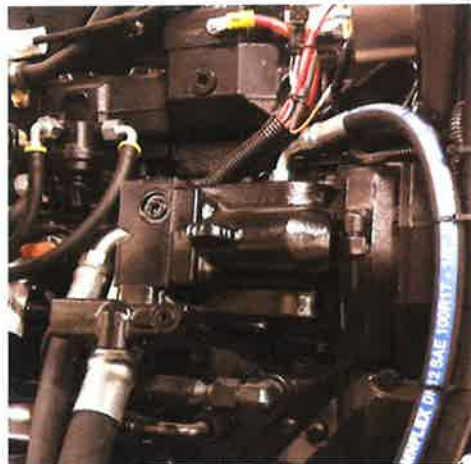
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Hydraulic Power Utility Mount Compressor

- ✓ 30 or 50-gallon hydraulic reservoir with shut-off valve, internal baffle, sight level/temperature gauge, fill cap with 10-micron cartridge breather filter, 50 gallon per minute 10-micron in-tank type hydraulic return filter with replacement indicator gauge.
- ✓ Oil after cooler with 12 V fan to prevent overheating. A thermostatic fan control in circuit to hydraulic cooler, fan only runs when a preset oil temperature is reached.
- ✓ Solenoid controlled hydraulic by-pass valve for easier starting of auxiliary engine.
- ✓ One pressure compensated piston type hydraulic pump directly mounted to the engine auxiliary drive SAE "B" pad.



Accept no exceptions or equals!

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Tote Draw Paint Supply System

- ✓ Deck space and a ratchet strap retention system with hold down clamps accommodate two paint totes with traffic paint.
- ✓ Totes when loaded onto the platform of the striping truck shall act as zero pressure storage containers to supply paint to the system.
- ✓ Quick connect cam lock type couplers and 2" I.D. suction hoses to connect the low-pressure paint pumps to the paint totes.
- ✓ Platform cut out to ensure the platform does not interfere with attaching the 2" hose cam-lock connector with valve to paint tote.
- ✓ Galvanized 2" male cam & groove fitting in each cut out section to provide a place to hook up tote outlet hoses when totes are switched.
- ✓ Pressure equalization vent tree assembly with quick connects for re-circulation hose and pressure relief drains from HP paint pump filters.



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ARO®

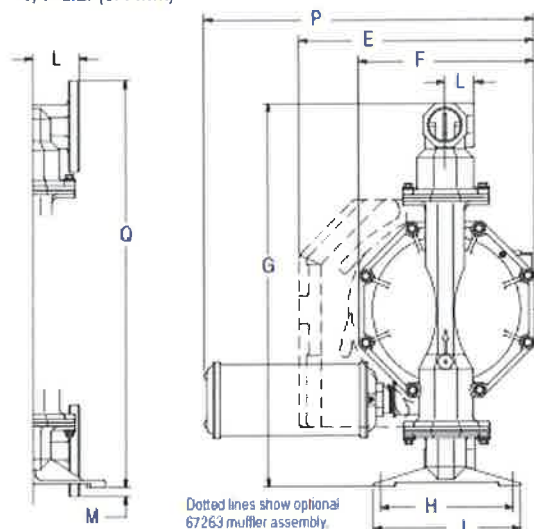
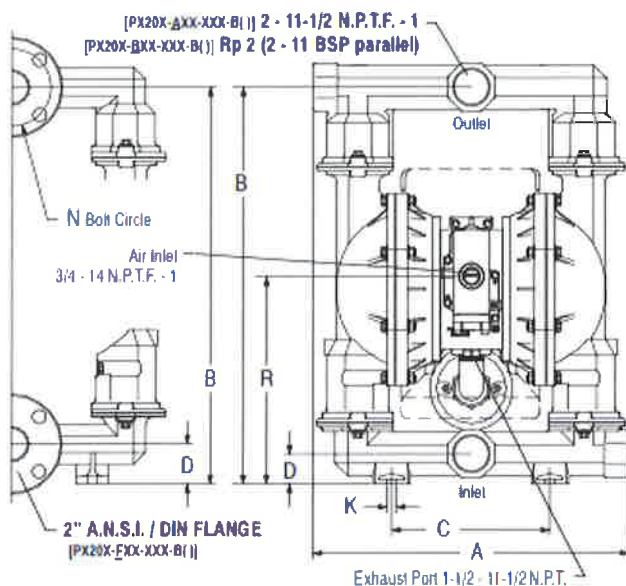
Ingersoll Rand

LP Pump Model PD20A-FSP-STT

Metallic Air Operated Double Diaphragm 2" PUMP

PERFORMANCE

Air Inlet Pressure Range	20 - 120 p.s.i. (1.4 - 8.3 bar)
Maximum Material Inlet Pressure	10 p.s.i. (0.69 bar)
Fluid Pressure Range	20 - 120 p.s.i. (1.4 - 8.3 bar)
Maximum Flow Rate	172 g.p.m. (651 l.p.m.)
Displacement / Cycle @ 100 p.s.i.	1.4 gal. (5.3 lit.)
Maximum Particle Size	1/4" dia. (6.4 mm)



DIMENSIONS

A see below	G 26-1/4" (666.8 mm)	M 5/8" (15.9 mm)
B 24-3/4" (628.7 mm)	H 9-1/16" (230.2 mm)	N 4.834" (122.8 mm)
C 10-1/16" (255.6 mm)	J 10-1/16" (255.6 mm)	P 21-5/8" (548 mm)
D see below	K 9/16" (14.3 mm)	Q 27-7/8" (708.0 mm)
E 16-3/16" (411.2 mm)	L see below	R see below
F 12" (304.8 mm)		



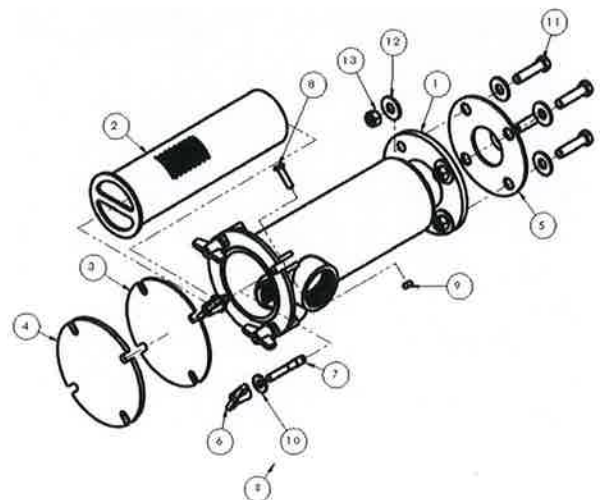
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Dual Low-Pressure Paint Filtration System

- ✓ Filter paint at the outlet of the transfer/charge paint pump, strain paint as it is loaded into the platform mounted paint storage containers, and again while paint is delivered to the guns
- ✓ Stainless Steel canister and screen per color for latex traffic paint compatibility
- ✓ Removable reusable screens with 100 sq. inch surface area and 1/8" openings for clean paint to flow through to outlet
- ✓ Mounted horizontally with drain port for EZ removal for cleaning, bucket handle securely hangs on flange while filter cap is removed to facilitate cleaning without material discharge to the pavement below

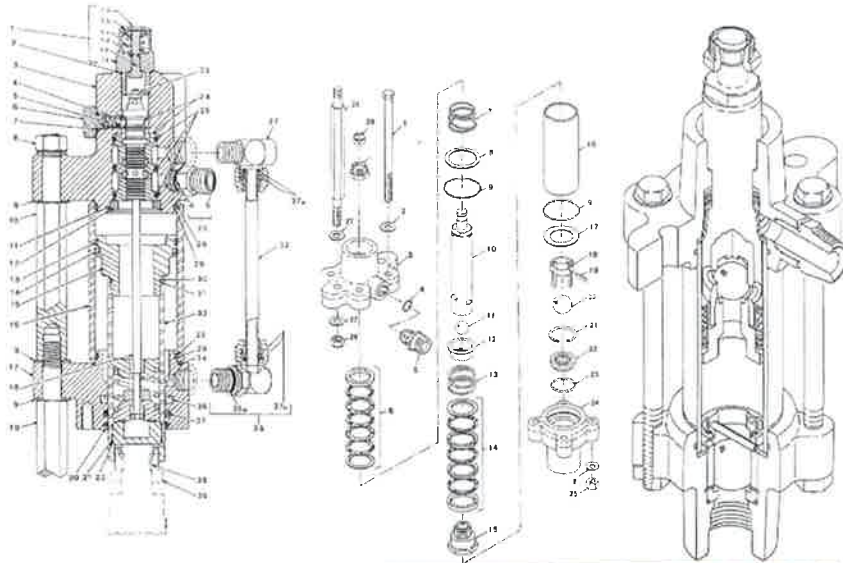


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Titan Speeflo HP SS Pump Model 445-345



HYDRAULIC POWERED AIRLESS PUMPS

PUMP MODEL SERIES	MOTOR TO PUMP RATIO	MAXIMUM OUTLET PRESSURE	PUMP CYCLE RATE	PUMP OUTPUT PER CYCLE	PUMP OUTPUT @ 40 CYCLES	PUMP OUTPUT @ 50 CYCLES	PUMP OUTPUT @ 60 CYCLES	PUMP OUTPUT @ 70 CYCLES	PUMP OUTPUT @ 80 CYCLES
445-345 STAINLESS	1:1 6 Inch	2000 psi 138 bar	4.6/gallon 1.2/liter	27.8 fl. oz. 822 ml	8.7 gpm 32.9 lpm	10.9 gpm 41.1 lpm	13.0 gpm 49.3 lpm	15.2 gpm 57.5 lpm	17.4 gpm 65.8 lpm

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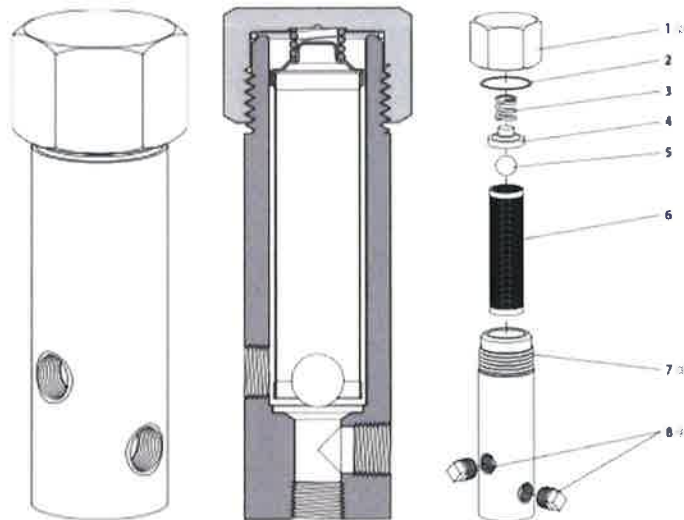
EZ LINER® - ARROW™

ARO

IR Ingersoll Rand
Industrial Technologies

300 STAINLESS STEEL	CARTRIDGE	MESH SIZE
651422-40	93944-40	40

MATERIAL FILTER MAXIMUM INLET PRESSURE 6,000 P.S.I. (414 Bar)



To include ½" high-pressure relief/bleeder hose back to tote for ease of cleaning

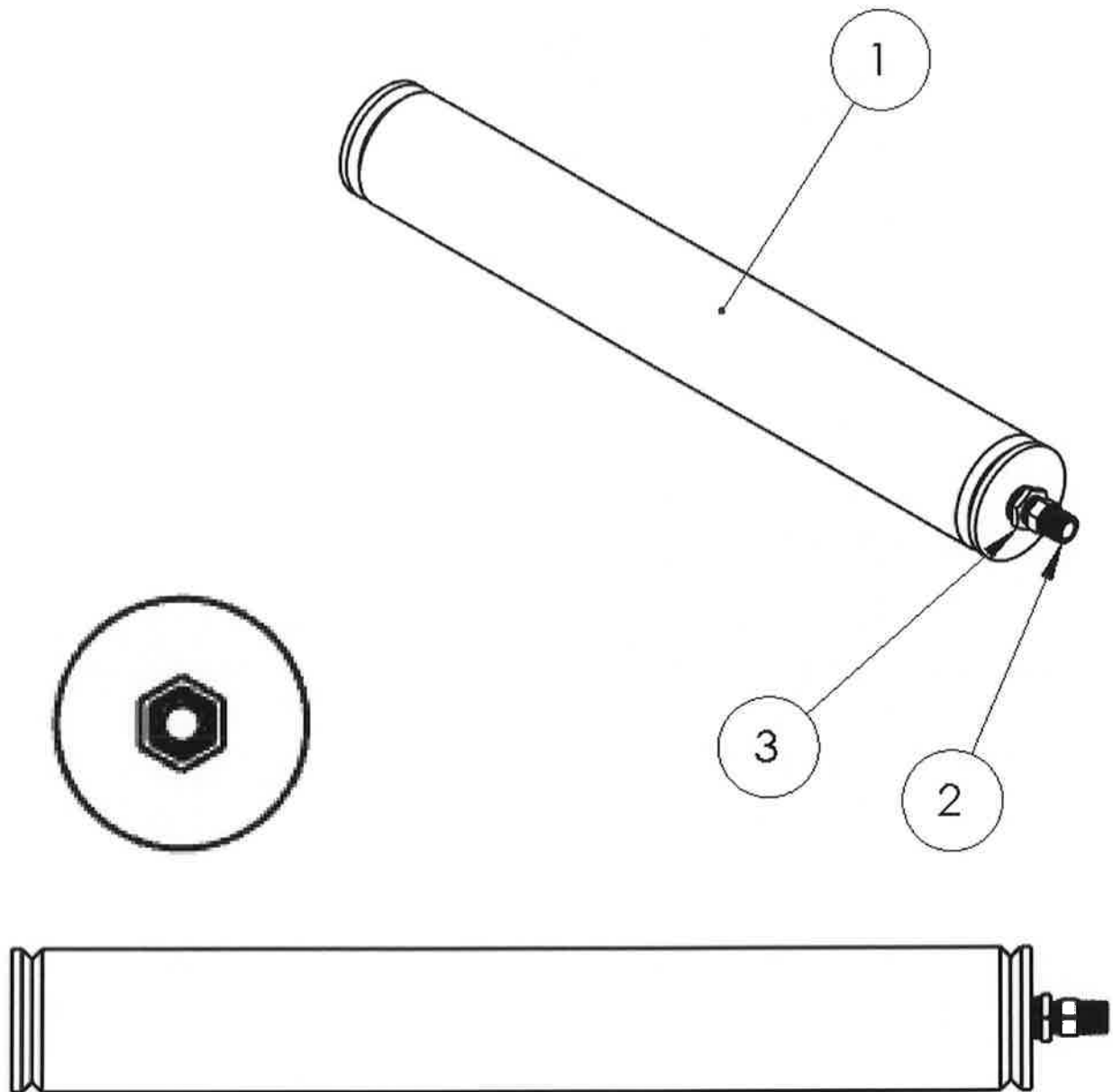
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ASME Certified Surge Chamber



054-A010-00



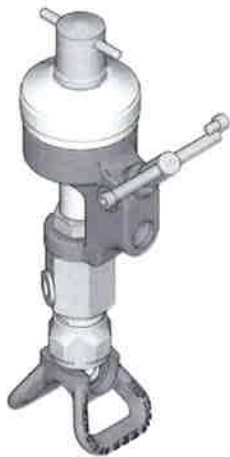
ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	054-W010-00	SURGE CHAMBER, HP
2	1	SS5404-8-8	1/2" HEX NIPPLE, SS HP
3	1	F12-16-120B	SS BUSHING, 3/4" TO 1/2", HP

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Automatic Single Acting Paint Gun

Part Number (Model): 238377



Technical Data

Maximum working pressure 3000 psi (210 bar)

Operating pressure of air actuated trigger: Min 50 psi (3 bar) Max 200 psi (12 bar)

Fluid connections two 3/8 npt(f) ports

Air connection 1/4 npt(f) air inlet

Wetted parts 303 & 416 Series Stainless Steel, Tungsten Carbide, Copper, Acetal Homopolymer, Leather

Operating temperature 32° - 120° F (0° - 49° C)

Sound pressure level 84.6 dB

Sound power level 90.9 dB

*Measurements at 2900 psi (200 bar) per ISO 3744

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LG-25-SM Poly 25 Gallon Flush Tank Spot Sprayer



Technical Specifications

- 25 Gallon Corrosion-Resistant Polyethylene Tank
- 12 Volt Diaphragm Pump / 2.1 g.p.m. / 60 p.s.i.
- 15 Ft. Handgun Hose
- Pressure Gauge (Adjustable Pressure)
- Bypass (Recirculation) Line

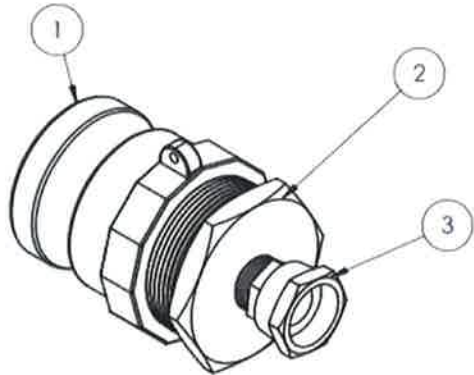
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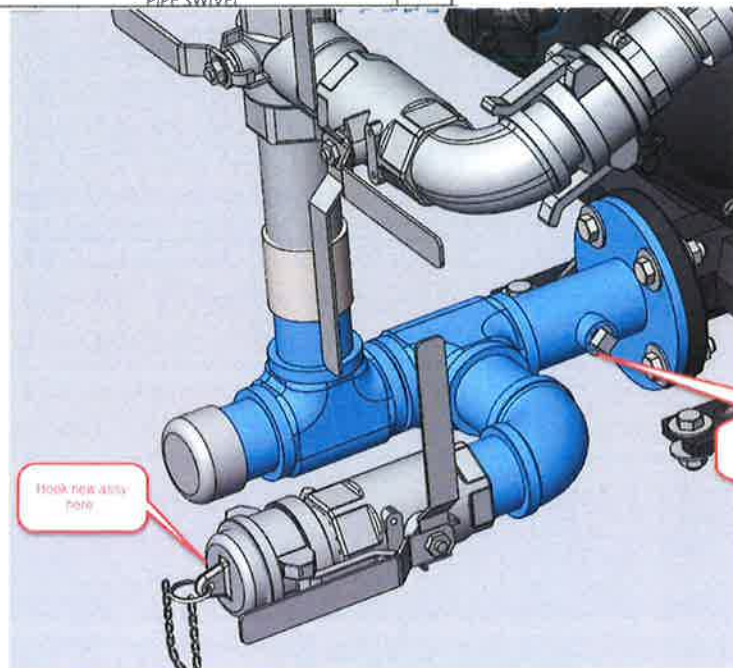


Garden Hose Flush System

- ✓ simple standard design works on all pump makes and models
- ✓ no weld-on side port required
- ✓ easily installed in the field to existing equipment
- ✓ convenient access with garden hose, NPT swivel easy to tighten
- ✓ functional and clean design



ITEM NO.	PART NUMBER	REV	DESCRIPTION	QTY
1	T11-59-3232		2" COUP MXFNPT CAMLOCK SS LP	1
2	T11-16-3208		2"x1/2" BUSHING SS LP	1
3	T71-45-1208		ADAPTER, 3/4" GARDEN HOSE X 1/2" NPT MALE PIPE SWIVEL	1



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SKIP-LINE® SC-12 CONTROL SYSTEM

Product Overview

The SC-12 Road Marking Vehicle Control System is the most advanced skip timer on the market. Featuring a full-color, sunlight-readable display, the SC-12 is perfect for long-line road marking vehicles.

The SC-12 delivers a superior operator experience by presenting the most relevant striping information right on the main screen. Monitor application rates, preview a pattern before it's applied, and get system alert messages at a glance.

Seasoned stripers will find a similar feel and operation to previous Skip-Line systems. The new menu capabilities make even the best crews more efficient by reducing time spent on calibration, configuration, and errors.

The SC-12 is the successor to our SM-5 legacy system, the most prevalent and recognizable skip timer in the industry.



Standard Features

- Pattern Preview
- LED and Software Diagnostics
- Guided Calibration Procedures
- Instant and Average Application Rates
- High-Current Driver Outputs
- Rugged Sealed Toggle Switches
- Individual Gun Distance Offsets & On/Off Time Factor
- AutoCycle and Advance/Retard
- Metric Unit Options
- Datum Point (Delayed Start)
- Remote Software Update Capability

Many custom & premium features available!



CALL US TODAY!
(541) 963-0111

www.skipline.com



SC-12 CONTROL SYSTEM

IN ACTION

EVERY ROAD MARKING VEHICLE IS UNIQUE

THE SC-12 CONTROL SYSTEM IS FLEXIBLE ENOUGH TO WORK WITH ANY OPERATION.

Network Hub

Conveniently place hubs near SC-12 Control System devices to reduce network wiring. Hubs provide voltage dip & spike protection and ensure clean, robust communications. The network hub also shows advanced diagnostics on each device port and has LED verification of proper network operation.

Point-of-Load Driver Boxes

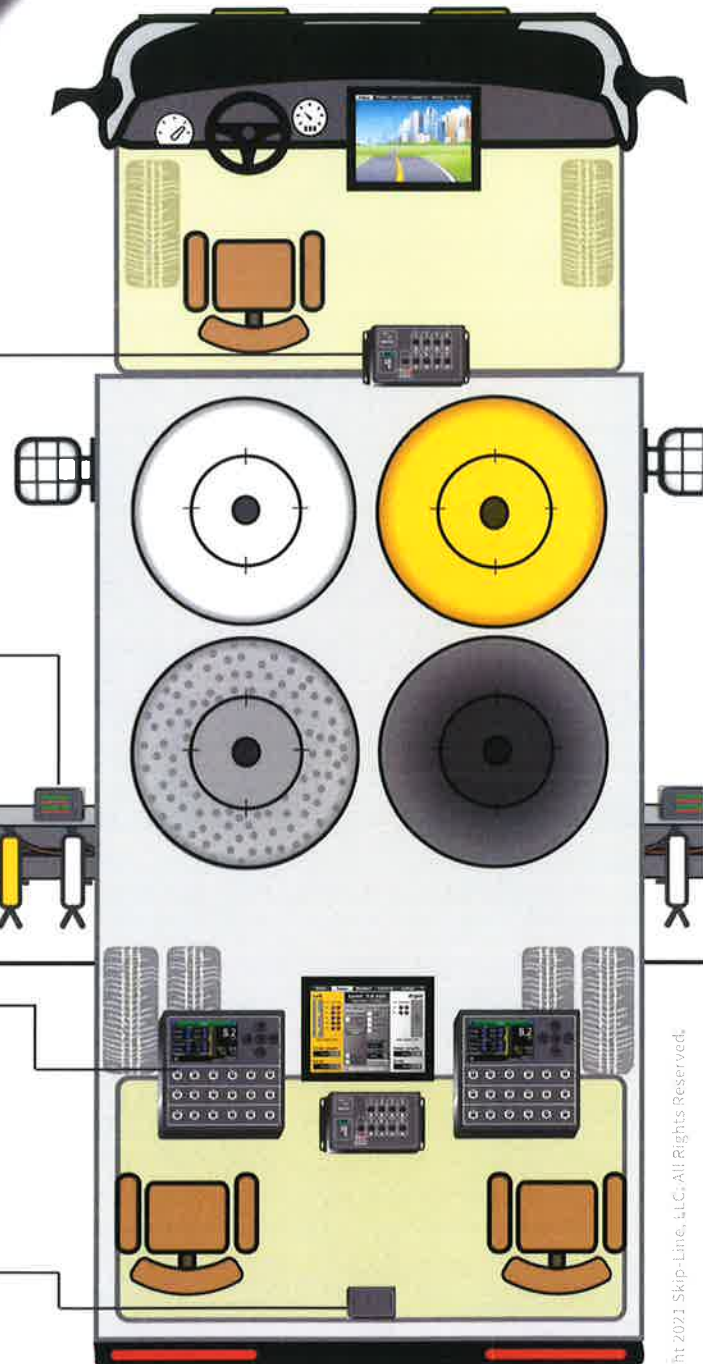
Place output boxes on or near carriages to reduce wiring. Output indicators help with installation and diagnostics. LED lights indicate activated channels, greatly reducing troubleshooting time. High-current driver outputs with short circuit protection eliminate the need for relays.

SC-12 Master (switchbox)

An SC-12 Master provides operator stations with system control. Command the road marking operation with industry-familiar toggle switch functions. Change pattern configuration and custom settings using a simple navigation menu.

Core Skipper

The Core Skipper calculates and implements the striping pattern as dictated by the operator. This dedicated hardware ensures the most accurate striping at any speed.



CONTACT US FOR MORE INFORMATION

Skip-Line® products are proudly designed and manufactured in the USA.



Electric Gun Elevator/Actuator

- ✓ Bearing Grade stainless steel constructed 1/2" diameter round L shaped gun holding rod.
- ✓ Stainless steel block slide bearing support.
- ✓ Lightweight aluminum shield protecting the vertical shaft from overspray.
- ✓ (2) Adjustable 2 1/2" long handle aluminum cam lever positional locks.
- ✓ Dependable DC 12 V cylinder with a 6" stroke and 100 lb. load capacity.
- ✓ Slim design for easy adjustment of line widths (paint and bead gun compatible).
- ✓ Stable and secure slide tube for vibration resistant operation.
- ✓ Gun raiser switch controls in gun controller boxes.



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CRPB-818 Remote Trigger Quick Start



Avoid operator fatigue when retracing with the CRPB-818 Rework Remote Trigger. The ergonomic design significantly reduces strain over flipping toggles when repainting inconsistent skips.

VERY "HANDY" WHEN
PRECISION
IS CRITICAL

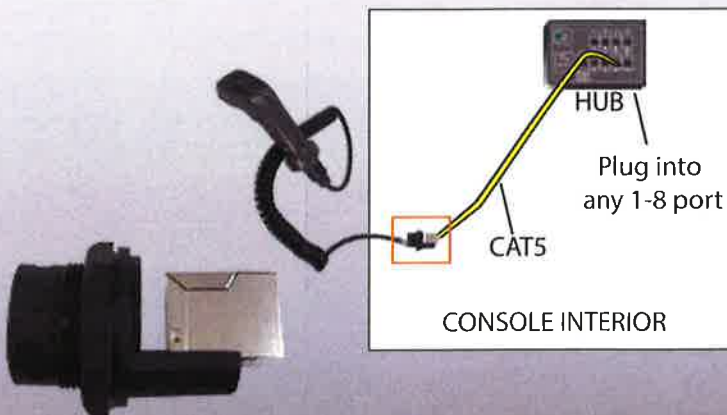
Remote Trigger Functions

-  The activity light will blink steadily at 1/2 second intervals when there is CAN activity.
-  The left/right switch allows you to quickly and easily toggle the remote between controlling the right side guns and the left side guns.
-  Semi-Auto allows the operator to paint one full stripe length with one pull and release of the trigger.
 -  **Note:** When paired with Align Solids, Semi-Auto mode will withhold solid guns until the first trigger press.
-  Off will disable the remote.
-  Manual allows the operator to pull and hold the trigger to achieve full control of all guns in SKIP.
-  The trigger allows for easy and comfortable operator control.



Console Installation

The CRPB-818 Remote Trigger can be plugged directly into the BUS-012 or Core Hub. If your hub is in a difficult to reach location, you can use a 13/16" drill bit or a d-punch to create a mounting hole on the side of your console to allow for easier plug and play. Simply connect your coupler to your hub with a Cat5 cable.



 RJ45 Panel Mount Coupler

Start/Stop Capabilities

Alternatively, you may use the CRPB-818 as a way to start or end an entire pattern, not just individual skips. Turn the Remote Start to ON in the Quick Setup menu to control the start and stop points of the pattern just like using the Start/Stop switch.



-  **Semi**, click the trigger to start, and click again to stop.
-  **Manual**, start is on while the trigger is held.
-  **Auto**, normal painting, ignores the remote trigger.

FOR MORE DETAILED INFORMATION PLEASE REFER TO MANUAL.

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**ZERO WASTE.
ONE PLATFORM.**
EVERYTHING YOU NEED.

DL-18

Data Logger



DL-18

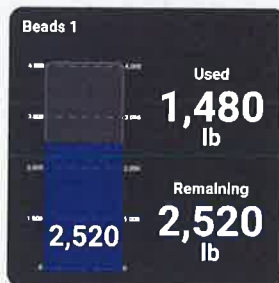
The DL-18 is the most powerful piece of hardware you can have on any paint truck. Choose the widgets you need for the job. Monitor your operation in real-time and set your targets with LLAMA. Customize your view for each job with the DL-18 interface, keeping your eyes on the data most important to you.

DESIGNED FOR AN INTUITIVE USER EXPERIENCE!

Environmental Conditions



Beads



Set Targets with LLAMA



Target Zero Waste
Use Advanced Controls (LLAMA)



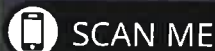
Integrated Data Logging
Meet Demanding Job Specs



Everything You Need
Handles All Material Types



Real Time Monitoring
Key Job Information at a Glance



UPGRADE TO THE ULTIMATE STRIPING EXPERIENCE!



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La Grande, OR 97850



sales@skipline.com



www.skipline.com



UNLOCK THE POWER OF SPEC-RITE ONLINE

Access every facet of Spec-Rite Online with the **Precision Suite** subscription: data logging, web reporting, training, and an extended warranty on hardware.

ALL THE DATA YOU NEED

Stay in control of your striping operation with the DL-18, your truck's command center. Enable data logging on your truck, giving you the keys to the most powerful tools on the market.

The LLAMA is the ultimate add-on to the DL-18, bringing more control to your fingertips. Track your striping operation closer than ever before, ensuring you meet job specifications and keep material costs down.



SKIP-LINE LINE PILOT XP

ADJUST CROSS HAIR LINES ON THE FLY



The Skip-Line Line Pilot XP makes it easy to adjust and fine-tune cross hair lines on the DL-18 while driving. Operators can use toggles to adjust on-screen line positioning. Adjust location, tilt, and thickness of existing cross hair lines on the DL-18 display.

Functionality

- ① Move Left/Right
- ② Move Up/Down
- ③ Increase/Decrease Line Width
- ④ Rotate Clockwise/Counterclockwise
- ⑤ Line Select (scroll through the available lines)



Video Guidance System with video overlay

- ✓ HDVO-318 HD Video Overlay and Crosshair Generator.
- ✓ 13.3" Industrial rated Touch Screen Monitor.
- ✓ Full color crosshair generators with angular adjustment for proper alignment.
- ✓ Stainless steel horizontal slide tube for in cab positioning of monitor screen.
- ✓ 36" electric cylinder camera adjustment from driver's seat.
- ✓ Weatherproof digital Dakota Micro Endura-cam HD cameras with 46° F.O.V.
- ✓ Glass Cockpit integration with other video and electronic features such as vehicle speed, paint and bead application rates, back-up camera, carriage, recorders, etc.
- ✓ Reduces cab clutter by combining several devices into a single focal point.



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EZLINER®-ARROW™



Accessories:



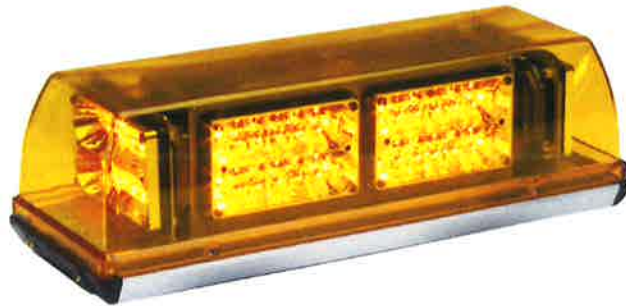
OfficeJet 200 Full Size Portable Printer

for printing job counter channels and material usage.





Responder® R10HDPA



Dimensions: 17.25" (438mm) L x 5.13" (130mm) H x 6.31" (160mm) D

FEATURES

- Universal permanent mount includes 6" pigtail
- Super-LED® Amber 12VDC; 55 Scan-Lock™ Flash Patterns
- Aluminum base
- SAE Class 1



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EZ LINER® - ARROW™

WHELEN®

L41AP LED Beacons



Powder coated cast aluminum.
Virtually no RFI/EMI radiation.
Permanent/Pipe mounted amber

Dimensions: 4.75" (121mm) H x 6.438" (164mm) Dia.



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EZ LINER® - ARROW™

WHELEN®

LINV2™ Series Lighthead



- Combination 180° warning and puddle light
- Includes Black flange
- Fully encapsulated for moisture, vibration, and corrosion resistance
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Includes steady-burn, alternating, and simultaneous patterns
- Synchronize to other Whelen sync products
- Five year warranty

Size

1.5" (40mm) H x
3.875 (98mm) W x
1.625" (42mm) D



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HELLA ValueFit 5 RD LED 2.0



Features:

- Compact round design
- 14 high performance LEDs
- Color temperature: 6500k

Specifications:

- Voltage: 9-33VDC
- Current Draw: 2.08A @ 12V, 1.04A @ 24V
- Power Consumption: 24W
- Luminous Flux (measured): 2000 lm
- Certificate: CE, RoHS, IP67, IP69K, Emark
- Packaging: Blister
- Minimum Order Qty: 1

Technology:

- LED

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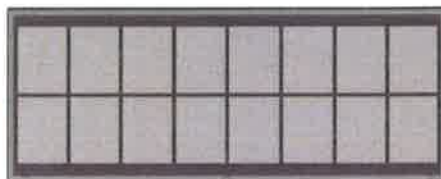
LiteReader®

Vehicle Changeable Message Signs

Model 1020F-4



Dual Input Controller
creates, edits, and displays
messages.



2 Line, 10", Full Matrix Display

Small Font:

2 Lines of 10" Characters
8 Characters Per Line

Middle Font:

1 Line of 14" Characters
5-6 Characters Per Line

Large Font:

1 Line of 20" Characters
1-4 Characters Per Line

Graphics: MUTCD Symbols

Legibility Distance: 650' +

Viewing Angle: 30° +

LED's per Pixel: 4

Display Size: 60" x 24"

Cabinet Size: 75" x 31" x 5"

Message Auto Dim: Yes

Cabinet Construction: Aluminum

Cabinet Finish: Powder Coat

Cabinet Color: Flat Black Face, Balance White



Arrows/Symbols



10" Characters



14" Characters



20" Characters



Display Position



Stow Position



Full Mount



LiteReader® VCMS Products are manufactured in the United States
LiteSys® Inc. Is a United States manufacturing company located in Belgrade Montana

LiteSys® INC

"Safety Begins with Good Communication"™

LiteSys® Incorporated ♦ P.O. Box 239 ♦ 150 Pollywog Lane ♦ Belgrade, MT 59714
Phone: (406) 388-9317 ♦ Fax: (406) 388-9319 ♦ Web: www.litesys.com ♦ Email: info@litesys.com
BROCHURE, SIGNS, 1020F-4 110106001 Rev C

GL3000P

Remote Control Guidance Laser



Specifically Designed for

- *Road Striping Trucks*
- *Airport Runways*
- *Water Blasting Trucks*
- *Thermoplastic Machines*

Or virtually any application requiring vehicle line control!

LL LASERLINE MFG, INC.

1810 SE First Street, STE H. Redmond, OR 97756 •
Phone: 541-548-0882 • Email: laserline@laserline.net • Web: www.laserlinemfg.com



Rev 1.7.25

GL3000P AUTO REMOTE SYSTEM

The driver can adjust the laser spot to the desired reference point on the road surface using the remote-control panel located in the cab of the vehicle. The laser spot is impacted directly on the road surface approx. 30 feet ahead, showing the driver-operator exactly where the vehicle is relative to "on line." The laser spot is on the road ahead of the operator so that the reference is in the driving field of view instead of a T.V. screen or boom pointer.



GL3000P ADVANTAGES

- ✓ You are looking in your natural driving field of view at the reference point.
- ✓ You can reduce or eliminate pre-marking and the high cost associated with it.
- ✓ Eliminates using a boom and the problems associated with it such as bouncing on rough surfaces, safety and the mechanical size and constraint of the mechanism.
- ✓ **SAFER!** Paint up to intersections without the worry of injury or damage to people or other vehicles caused by a mechanical arm extending out in front of the truck.
- ✓ Eliminates having to drive while looking at a T.V. screen instead of the road.
- ✓ Greatly increases the machines maneuverability. You can move your reference on the fly from the cab

THE GL3000P PACKAGE INCLUDES:

P/N 3000-0001 Main housing is hard coat anodized, IP68 waterproof, purged and dry nitrogen filled, with precision X&Y positioning control driver motors and optics.

P/N 3000-0008 Interconnect Control Cable: 25-foot waterproof mil spec in line connector mounted between the laser main housing and the control panel mounted in the cab.

P/N 3000-0006 Control Panel: Allows the operator to turn the unit on or off as well as aim the laser forward, back, left and right from inside the cab. (Control box Includes 15 feet 12-volt DC cable)

P/N 3000-0080 Owner Operator's Manual (Not Shown)

P/N 0000-9010 Laser Warning Sign



P/N 0000-9011 Operator Training Cards (x2)



GL3000P SPECIFICATIONS

Laser: 532nm Class IIIa Green Laser
Power: 12 Volt DC Positive or Negative Ground
Power Draw: 4.00 Amps (Maximum Operating), 0.03 Amps (Sleep Mode)
Laser Housing Dimensions:
Height: 7"-1/8
Length: 11"-3/4
Housing Width: 6"-1/4
Base Width: 10"

24 Month Warranty
Parts and Labor

Cable length from laser housing to control box: 25'

12 Volt Power cable length from control box: 15'

Shipping Weight: 25 lbs.

Enclosure Rating: Waterproof IP68

**"NEW"
COMPACT**

GL3000PM-S

Ultra-high Visibility Green Laser to Establish Visual Line Control



Specifically Designed for

- *Road Striping Gun Carriages*
- *Mini Thermoplastic Machines*
- *Rumble Strip Machines*
- *Pavers*
- *Profilers & Grinders*



For virtually any application requiring vehicle line control!

LL LASERLINE MFG., INC.

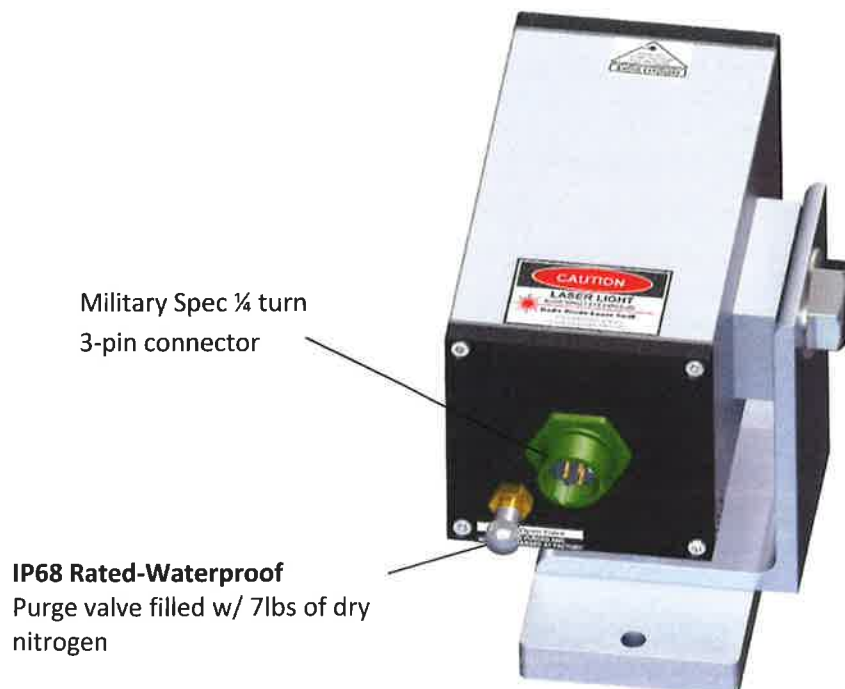
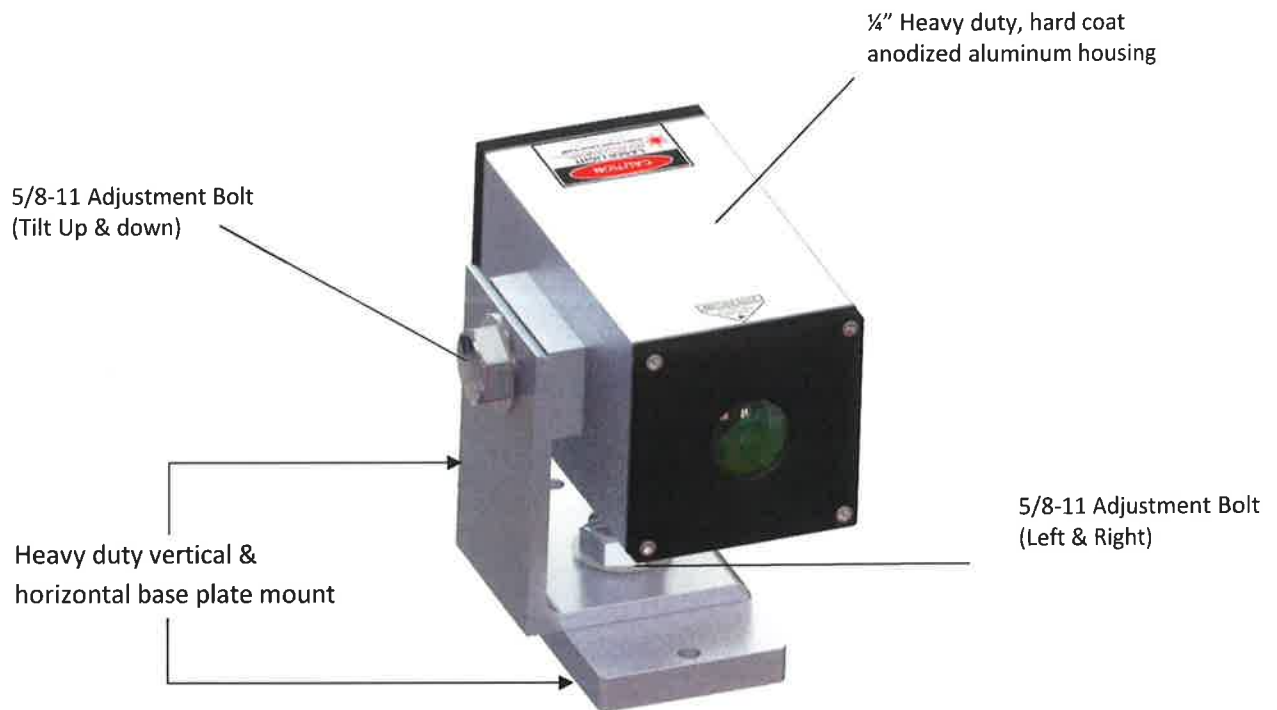
1810 SE First Street, Suite H, Redmond, OR 97756

Phone: 541-548-0882 • Fax: 541-548-0892 • Email: laserline@laserline.net

Website: www.laserlinemfg.com

Rev: 4.2.24a

GL3000PM-S MECHANICAL FEATURES

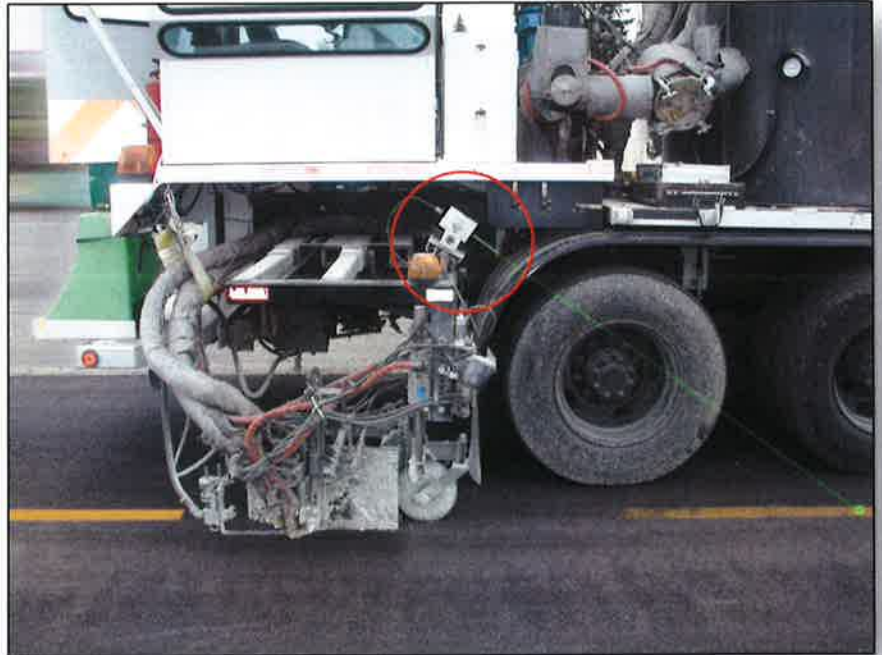


GL3000PM-S FEATURES & BENEFITS

Gun Carriage Guidance – *The GL3000PM-S laser is used to give the operator “heads up” time to move the gun carriage in and out for easy and precise alignment.*

It's More Versatile, Easier, Faster and SAFER!

- *Quick heads up, allows the operator to line up the gun carriage ahead of time while traveling through intersections.*
- *You are looking in your natural driving field of view at the reference point.*
- *Greatly increases the machines maneuverability.*
- *Much less strain on the gun carriage operator. It reduces fatigue and increases skill load.*



THE GL3000PM-S PACKAGE INCLUDES:

P/N 3001-0001-1S GL3000PM-S Main Housing: IP68 waterproof, purged and dry nitrogen filled. Contains optic plate mounting platform with microprocessor electronics, laser mounting assembly, automatic cooling-heating system and optics.

P/N 3000-0008 Interconnect Control Cable: 25-foot waterproof mil spec in line connector mounted between the laser main housing and the control panel mounted in the cab.

P/N 3001-0007-S Control Panel: Allows the operator to turn the laser on, off, steady mode or blinking mode. Includes; 15 feet of power cable running from the control box for connection to 12-24 vdc vehicle power.

P/N 3001-0080-S Owner Operator's Manual (Not shown)

*Optional:

P/N 3001-0008-S Dual Function Control Box: Controls two GL3000PM-S lasers simultaneously. Featuring a master On/Off control switch, plus two control buttons, allowing the operator to choose desired modes separately, such as; steady mode, blinking mode or stand-by On/Off mode. Includes; 15 feet of 12-volt DC cable.

P/N 3000-0435 Laser Enhancement Glasses: Cuts down on glare and enhances the visibility of the laser spot for daytime use.



GL3000PM-S Specifications

"Built To Work Where You Work"

Laser

- Laser Wavelength 515-520nm
- Laser Power: 4.75mW
- U.S.A: 'Class IIIa' in the U.S. under US FDA/CDRH 21 CFR, part I, Subchapter J, sections 1040.10 and 1040.11
- This product is ANSI Z136 compliant and should be operated under the terms of ANSI Z136.1 (Visit www.ANSI.org or www.lia.org for more in-depth information)
- Operational Life: 20,000 hrs. MTBF

Environment

- Operating Temperature: -40°F to 122°F (-40° to 50°C)
- Enclosure Rating: Hermetically sealed, outdoor dust and water rated to IP68 (*Purged and dry nitrogen filled*)
- Vibration compliant per MIL-STD-810F method 5145 and truck assurance level 2, schedule E

Electronic

- Power Source: 12 or 24 vdc
- Power Draw: 0.2A at 12vdc in
- Reverse Polarity and Spike Protected
- Over Temperature Protection Circuit
- Automatic Power Control: (APC) Keeps laser power stabilized through ambient temperature changes

Mechanical

- ¼" thick hard coat anodized aluminum housing
- 5/8-11 bolts for aiming left/right and up/down
- Heavy duty ¼ turn military spec connector
- Dimensions: 5"-5/8 length x 4"-1/4 width x 5"-1/4 height
- Weight: 3.65 lbs.

Warranty: 24 Months Parts and Labor

LaserLine Mfg., Inc.
1810 SE First Street Ste. H
Redmond, OR 97756
Phone: 541-548-0882
Fax: 541-548-0892
Web: www.laserlinemfg.com
Email: laserline@laserline.net



Your Local Dealer:

MOBILE UNIT SERIES
WIRELESS HEADSET
COMMUNICATION SYSTEM



Hands-free
mobility and clear
communication for
demanding mobile
unit applications



WWW.DAVIDCLARK.COM

MOBILE UNIT SERIES WIRELESS HEADSET COMMUNICATION SYSTEM

WIRELESS MOBILITY FOR WORK CREWS AND RESCUE UNITS

David Clark Company Wireless Headset Communication Systems provide maximum freedom and mobility as well as clear communication for work crews, road crews, search and rescue units, on construction sites and in industrial facilities. Personnel move about freely and easily without being tethered to a master station, vehicle intercom or apparatus.



Communication is clear and safety is dramatically improved.

Weather-tight components including controller and standard belt stations provide rugged durability in

the harshest environments. A variety of headset styles let users choose the perfect model to fit their application needs and personal comfort preferences.

Wireless headsets and belt stations are compatible for use with other David Clark Company wireless gateways for increased versatility.

KEY FEATURES

- Crisp, clear communication in demanding environments
- Hands-free full duplex intercom – DECT based technology
- Rugged, durable construction – industrial-grade components
- Secure signaling prevents unwanted interception
- Headsets feature weatherproof, all stainless steel hardware
- Belt stations are waterproof for increased durability
- Accommodates 2 to 5 users per group
- Range up to 300 feet (approx. 100m) from controller
- U.S. and International patents pending

KEY COMPONENTS



BELT STATION
Used in all applications



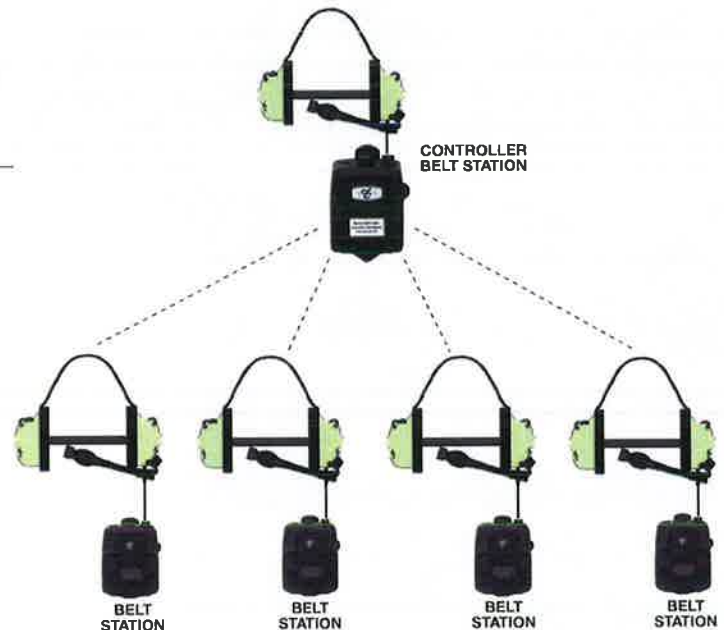
CONTROLLER BELT STATION
Provides wireless link to standard belt stations



4-BAY BATTERY CHARGER

TYPICAL SYSTEM

- Accommodates 2 to 5 users per group
- Rechargeable Batteries (24 Hours)
- Allows multiple groups in close proximity
- 300-Foot Range from Controller
- 4-Bay Charger Available



Headsets and belt stations compatible with all David Clark Company wireless intercom system configurations.

VARIETY OF HEADSET STYLES



Behind-the-head



Over-the-head



Behind-the-head, slotted dome



Single ear





ACMD - XPert MEDIUM DUTY...DESIGNED WITH UPTIME IN MIND!

ACMD XPert™

MEDIUM/HEAVY DUTY CAB OVER ENGINE



TECHNICAL
DOCUMENTS

WARRANTY
MANAGEMENT

AUTOCAR
SOLUTIONS®

BOOK STORE
USER MANUALS

PARTS
CATALOG



FINALLY, ASSEMBLED IN NORTH AMERICA

The Autocar Xpert is a Cab Over Engine (COE) truck designed, engineered, durability-tested and assembled in America specifically for North American operators and their toughest vocational truck applications. And, as with all Autocar products, best-in-class factory options are available.

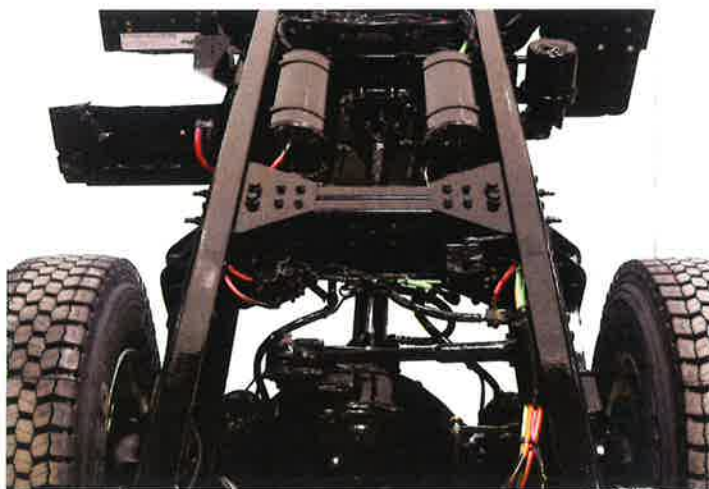
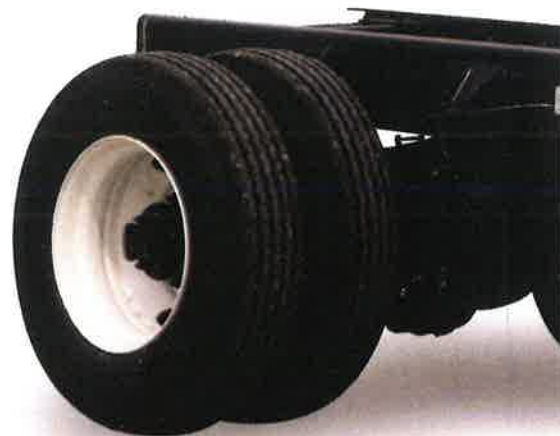


SUPERIOR MANEUVERABILITY & TIGHTER TURNING RADIUS

The Autocar Xpert design brings greater levels of maneuverability than ever before. At Autocar, turning radius is everything, so we carefully dialed in the right power steering gear, coupled it with a sharp turning "wide-track" front axle, and optimized the steering geometry and wheel cut in order to ensure the tightest turning radius possible while minimizing tire scrub.

PREMIUM RIDE, VISIBILITY AND SAFETY

Our new cab design offers more interior room than competitive cabs in the Industry with a convenient space between the seats for body controls and behind the seats for storage. The Autocar Xpert also offers a premium ride due to our large displacement coil spring and shock absorber cab suspension system. The Autocar Xpert is designed to ensure the best 360° sight lines, helping to minimize collisions and repair costs.



AUTOCAR'S **TRUCK** APPLICATIONS

- Sweeper
- Road Paint Striper
- Refuse
- Road Maintenance
- Specialty Dump
- Box Delivery
- Utility
- and More!



AUTOCAR'S SUPERIOR FRAME RAIL STRENGTH

Like all Autocar trucks, our engineers designed the Autocar Xpert frame rails to be the strongest and most durable in their class using our standard 120 KSI rails, which offer an impressive 1.81M to 2.13M RBM strength without any reinforcements. Yes, that's a Class 8 frame on a medium duty chassis! With the Autocar Xpert there is no need for heavy frame liners, nor are there unnecessary frame holes which reduce strength.



FIELD AND CUSTOMER PROVEN SCR EXHAUST PACKAGE

Our EPA 2013 compliant after-treatment approach using SCR has been **proven** road-worthy on thousands of Autocar trucks built and operating in America since late 2009. Customers can choose either vertical or horizontal SCR exhaust packages from Autocar.



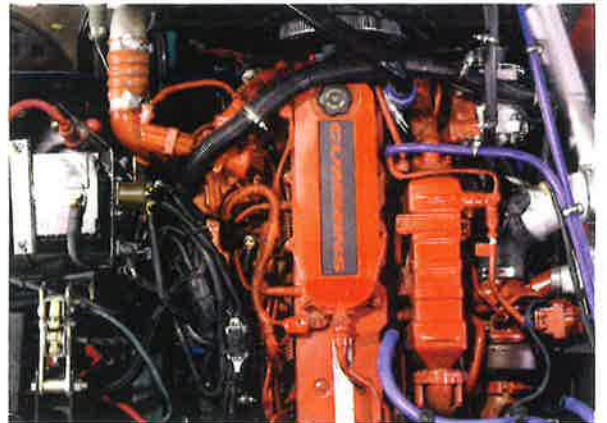
FACTORY DUAL STEERING SYSTEM

We designed the Autocar Xpert with a factory-engineered, durability-tested, OEM dual steering system. We have positioned all controls either in the middle for easy reach or in duplicate on both sides, ensuring no confusion or frustration when switching driving positions. Our high performance dual steering gear system is designed for an extra-tight turning radius without scrubbing the tires. The electrical system was designed for dual steer with no third party splicing into wire harnesses.



PARTNERED WITH AMERICA'S PREMIUM HEAVY-DUTY COMPONENT SUPPLIERS

We've partnered with the heavy-duty trucking industry's most well-known and respected suppliers this country has to offer. With major partners including: Cummins engine, Allison transmission, TRW steering systems, Hendrickson suspensions, Bendix braking systems, Meritor, Dana axles and drivelines – ensuring service and parts are more readily available.



WITH OVER 35,000 TRUCKS ON THE ROAD, WE TAKE SERVICE SERIOUSLY



For every Autocar truck – parts, service and warranty assistance is always just a click away on our web site. Whether it's a truck down situation, a request for technical information or a need for help with in-depth troubleshooting advice, our 24/7 web-based Web-Link Direct® tool puts you immediately in touch with the Autocar experts.

Simply visit www.autocartruck.com/WebLinkDirect.aspx.





***ACMD42 Class 8
Model Year 2024***

Prepared For : KENT KUEHN
MIDWAY ---

Monday, July 11, 2022 2:15:16 PM EST

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Customer Checklist

07/11/2022

To ensure timely processing of your vehicle purchase, please complete the following checklist by _____.

_____ 1. CREDIT APPLICATION

_____ 2. TAX STATEMENTS, LAST THREE YEARS

_____ 3. DOWN PAYMENT

_____ 4. INSURANCE INFORMATION

AGENCY _____

POLICY NUMBER _____

AGENT (WITH PHONE #) _____

_____ 5. TRADE-IN INFORMATION

TITLE _____

REMOVE PERSONAL ITEMS, TOOLS, ETC _____

_____ 6. _____

Thank you.

Chassis Specification

07/11/2022

			Description	Front Weight	Rear Weight
AUTOCAR TRUCKS					
S	0010004	MODEL SERIES	AC MEDIUM DUTY SERIES	0	0
S	003005	MODEL CONFIGURATIONS	4X2 TRUCKS	0	0
S	0040007	MODELS	ACMD42	8,100	3,850
S	5000001	CAB SHELL	SINGLE LEFT HAND DRIVE CAB	0	0
X	100T98	CUSTOMER LAYOUT	NONE	0	0
O	100U001	CUSTOMER TYPE	MUNICIPAL	0	0
SOLUTION					
O	C01002	APPLICATION	PAINT STRIPER	0	0
O	C02012	BODY TYPE	PAINT STRIPER	0	0
O	C03002	TERRITORY	WEST COAST	0	0
O	C069999	BODY STYLE	NEW BODY STYLE - ALTER THIS CODE TO SPECIFY	0	0
O	D010180	FRONT GAWR	18000 LBS	0	0
S	D020230	REAR GAWR	23000 LBS	0	0
O	D100410	GVWR	41000 LBS	0	0
VEHICLE ADAPTATION					
O	114010	COUNTRY OF USE	UNITED STATES STD MARKET ADAPTATION	0	0
ENGINE					
S	1580001	ENGINE VOCATION	COMMERCIAL - DOMESTIC (DOT)	0	0
O	1014022	ENGINE ASSY	L9, 360 HP / 2200 RPM / 1150 FT -LB, CUMMINS	0	0
O	102360	ENGINE HORSEPOWER RATING	360 HORSE POWER	0	0
O	105002	ENGINE FLYWHEEL HOUSING	SAE NUMBER 2 HOUSING	0	0
O	103003	ENGINE OIL CHECK & FILL	EXTERIOR CHECK AND FILL	0	0
S	4460001	FUEL TYPE	ULTRA-LOW SULPHUR DIESEL FUEL REQUIRED	0	0
S	972A002	SPECIAL EMISSION CERTIFICATION LABELS	EPA CERTIFIED-NO LABEL REQUIRED (DIESEL)	0	0
ENGINE EQUIP					
O	1310006	BRAKE-ENGINE	CUMMINS VGT EXHAUST BRAKE	0	0

Quote Id : 43296
 Quote Number : Q0045580
 Model : 2024 - ACMD42 Class 8

Prepared For Kent Kuenn
 Midway Ford Truck Center

O	4380016	FILTER-FUEL, CHASSIS MOUNTED	FLEETGUARD FS SERIES F / W SEPARATOR W / HEATER, PROBE & DASH LIGHT	0	0
S	1700003	FILTER-FUEL, ENGINE MOUNTED	SPIN-ON, ENGINE MOUNTED	0	0
S	1750001	ENGINE OIL	STANDARD ENGINE OIL	0	0
O	180024	ENGINE BLOCK HEATER	PHILLIPS 120V 1000 WATT	5	0
O	1810004	HEATER RECEPTICAL LOCATION-ENGINE	RECEPTACLE LOCATED AT CAB STEPS, LH SIDE	0	0
S	2004000	RADIATOR	725 SQ. IN. ALUMINUM	0	0
O	2080001	FAN & DRIVE-ENGINE	2-SPEED FAN	0	0
S	1290004	ENGINE ELECTRONICS	CUMMINS 500K COMMUNICATION	0	0
S	2090001	RADIATOR COOLANT	EXTENDED LIFE COOLANT	0	0
S	2200004	AIR CLEANER	13" ONE STAGE	0	0
S	2304000	MUFFLER SYSTEM	LH VERTICAL SMA	0	0
S	2314000	EXHAUST SHIELDS	LH VERTICAL SMA ALUMINUM	0	0
S	2324016	EXHAUST STACKS	10' STAINLESS STEEL VERTICAL W/RAIN CAP, 4" OD	0	0
S	2354000	EXHAUST PIPING	EXHAUST BLANKETS	0	0
O	2394012	UREA DELIVERY SYSTEM	RH FRAME MTD 12 GAL CAPACITY	0	0
S	700026	AIR COMPRESSOR	CUMMINS WABCO 18.7 CFM COMPRESSOR	0	0
O	8020004	ALTERNATOR	DELCO REMY 36SI 12V 160 AMP	13	0
O	8200003	STARTING MOTOR	DELCO REMY 12V 39 MT W/OCP	0	0
S	P010065	VEHICLE GOVERNED SPEED LIMIT	SPEED LIMIT 65MPH	0	0
O	P020002	ENGINE IDLE SHUT DOWN	ENGINE IDLE SHUT DOWN DISABLED	0	0
O	P030003	CRUISE CONTROL PARAMETER	CRUISE CONTROL ENABLED (LOW SPEED <20MPH)	0	0
S	171013	FILTER-ENGINE OIL BY-PASS	CUMMINS ENGINE OIL FILTER	0	0
S	172007	FILTER-ENGINE OIL FULL FLOW	CUMMINS COMBINATION FULL FLOW/BYPASS	0	0
S	1830001	STARTING AID-GLOW PLUG	GRID HEATER	0	0
O	201002	FAN SHROUD	FAN RING	0	0
S	204002	COOLANT HOSES	SILICONE HOSES WITH STEEL TUBING	0	0

TRANSMISSION

Quote Id : 43296
 Quote Number : Q0045580
 Model : 2024 - ACMD42 Class 8

Prepared for Kent Kuehn
 Midway Ford Truck Center

S	2700022	TRANSMISSION	ALLISON 3000 SERIES,6-SPEED	0	0
O	3170031	PTO-TRANSMISSION MOUNTED	PTO PREP - 3000/3500 TRANSMISSION W/ REAR SUPPORT	3	0
S	2580011	VOCATION	ON/OFF HIGHWAY VP223 (RDS 3000 SERIES)(DOES NOT HAVE AUTO-NEUTRAL)	0	0
S	284016	TRANSMISSION CONTROLS	ALLISON PUSHBUTTON CONTROLS	0	0
S	2864000	COOLER-TRANSMISSION OIL	RADIATOR INTEGRATED COOLER	0	0
S	290003	TRANSMISSION OIL FILL/CHECK	OIL FILL TUBE / DIPSTICK W/ LEVEL SENSOR	0	0
O	300011	DRIVESHAFT-MAIN	SPICER 1760HD HALF ROUND	0	0
S	PT10001	TRANS DIRECTION CHANGE SHIFT INHIBIT	SHIFT INHIBIT ENABLED	0	0
O	285001	TRANSMISSION SUPPORTS	TRANSMISSION REAR SUPPORT	0	0
O	2550004	TORQUE CONVERTER	TORQUE CONVERTER TC 421	0	0
S	292004	TRANSMISSION LUBRICANT	TRANSYND SYNTHETIC AUTO TRANS FLUID	0	0

FRONT AXLE

O	3700003	FRONT AXLE	MERITOR MFS-18 STEER AXLE, 18000# RATING	0	0
O	371009	FRONT SUSPENSION	8500 LB FLATLEAF 18,800 GROUND CAPACITY	0	0
S	373002	SHOCK ABSORBERS-FRONT	DOUBLE ACTING SINGLE - HEAVY DUTY	0	0
S	904011	HUBS-FRONT	STEEL HUB PILOTED,285MM BOLT CIRCLE	0	0
S	9210001	HUB CAPS - FRONT AXLE	CR ZYTEL HUBCAP	0	0
O	374002	FRONT AXLE LUBRICANT	SYNTHETIC,DANA SPICER EP75W90,OR EQUIV	0	0
S	3690006	FRONT AXLE POSITION	44.5 INCHES	0	0
O	3834002	STEERING GEAR	INTEGRAL POWER STEERING W/O ASSIST RAM TAS85	0	0
S	387003	POWER STEERING RESERVOIR	FOUR QUART REMOTE MOUNTED	5	0

REAR AXLE

S	3300017	REAR DRIVE AXLE-SINGLE & TANDEM	MERITOR RS24-160, SINGLE REDUCTION AXLE	0	0
O	331489	REAR DRIVE AXLE RATIO	4.89 RATIO	0	0
O	350315	REAR SUSPENSION	HAS - 230 AIR RIDE SUSPENSION	-10	-230
O	3590003	SHOCK ABSORBERS-REAR	FOR AIR SUSPENSION -	0	8

Quote Id : 43296
Quote Number : Q0045580
Model : 2024 - ACMD42 Class 8

Prepared For Kent kuenn
Midway Ford Truck Center

S	9130001	HUBS-REAR	IRON HUB, HP 10 STUD	0	0
S	9410001	WHEEL OIL SEALS-REAR	SCOTSEAL PLUS XL	0	0
O	339002	REAR AXLE LUBRICANT	SYNTHETIC	0	0
O	358005	TORQUE RODS	LONGITUDINAL & TRANSVERSE - RUBBER BUSHED	0	0
S	3400001	REAR AXLE BREATHER	STANDARD AXLE BREATHER	0	0

BRAKES

S	7410004	BRAKE CONTROL SYSTEM	ABS 4S/4M W/PLC	0	0
S	782014	BRAKE VALVE-PARKING CONTROL	ONE PUSH - PULL TYPE W/YELLOW DIA-TRUCK	0	0
O	7510003	BRAKES-FOUNDATION, FRONT AXLE	MERITOR 16.5X6 QP	0	0
S	753018	BRAKE CHAMBERS-FRONT AXLE	CAM-STANDARD	0	0
S	754009	BRAKE SLACK ADJUSTERS -FRONT AXLE	MERITOR AUTOMATIC	0	0
O	755001	DUST SHIELDS - FRT BRAKES	DUST SHIELDS - FRONT BRAKES	8	0
S	901001	BRAKE DRUM-FRONT	CAST IRON	0	0
S	7610003	BRAKES-FOUNDATION, REAR AXLE	ARVIN MERITOR 16.5X7 Q PLUS	0	0
S	763019	BRAKE CHAMBERS-REAR AXLE	CAM-STANDARD	0	0
S	764012	BRAKE SLACK ADJUSTERS -REAR AXLE	ARVIN MERITOR AUTOMATIC-SINGLE AXLE	0	0
O	765001	DUST SHIELDS - REAR BRAKES	DUST SHIELDS - REAR BRAKES	0	8
S	781011	BRAKE CHAMBERS- PARKING, TYPE/VENDOR	CAM TYPE M/GM STOPGARD (2)	0	0
S	910001	BRAKE DRUM-REAR	CAST IRON	0	0
S	7204001	BRAKE VALVE & PEDAL	FIREWALL MTD LH BRAKE PEDAL FOR LHD	0	0

CHASSIS

O	402086	FRAME-REAR OVERHANG	86 INCHES	0	0
O	400203	WHEELBASE	203 INCHES	62	68
S	4030007	FRAME RAILS	10" X 3" X 3/8" 120KSI STRAIGHT RAIL SECTION - 2.13M RBM	0	0
O	404002	FRAME REINFORCEMENT INNER	.25" LINER, STANDARD LENGTH	38	243
S	406001	FRAME-REAR CUT-OFF	STRAIGHT	0	0
S	4090003	FRAME CROSSMEMBER- CENTER	7-PIECE STEEL CROSSMEMBERS	0	0
S	4150004	FRAME CROSSMEMBER- OVERHANG	7 PC STEEL CMBR ROS - IF REQUIRED	0	0

O	4304002	FUEL TANK-LEFT	100 GAL 26" DIA UNPAINTED ALUM	0	0
O	430T001	FUEL TANK MOUNTING LHS	FUEL TANK MTD FWD LHS - STD (IF PROVIDED)	0	0
O	430U001	FUEL TANK MOUNTING HEIGHT LHS	FUEL TANK STANDARD HEIGHT	0	0
O	432002	FUEL TANK STRAP/ SUPPORT LEFT	PAINTED STEEL	0	0
S	436001	FUEL LINES	SAE J844 NYLON TUBING	0	0
S	4604000	BUMPER-FRONT	STANDARD DUTY BUMPER	0	0
S	4800003	TOWING DEVICE-FRONT	TWO TOW HOOKS INTERGRAL W/ FRNT XMEMBER	0	0
S	711001	AIR TANK-BRAKE	STEEL TANKS FOR SINGLE AXLE	0	0
S	711U06	AIR TANK MOUNTING	AS MANY TANKS IN RAIL AS POSSIBLE	0	0
S	7134000	AIR DRYER	WABCO 1200 PLUS AIR DRYER	0	0
S	713T002	AIR DRYER MOUNTING LOCATION	AIR DRYER MTD OUTSIDE RAIL, LH	0	0
O	715T402	AIR RESERVOIR DRAIN SYSTEM	PULL CORDS WITH HEATED DV/2 WET TANK DRAIN	0	0
S	728001	AIR LINES-MAIN, CHASSIS	SAE J844 NYLON TUBING	0	0
O	4470001	LH FUEL TANK SPACERS	LH FUEL TANK STANDARD HEIGHT	0	0
S	783001	BRAKE MODULATION SYSTEM-PARKING	PARK BRAKE RELAY/INVERSION VALVE	0	0
O	8100001	BATTERY	2 BATTERIES, 31 ECL, 12V, 1900CCA	5	0
S	8120011	BATTERY BOX	BATTERY BOX, 2 BATTERY CAPACITY	0	0
S	812T002	BATTERY BOX POSITION	BOX LOCATED LHS UNDER CAB	0	0
O	8140003	BATTERY SHUT-OFF SWITCH	SHUTOFF W/ LOCKOUT & EMERGENCY JUMPER STUDS	8	0
O	8742000	WIRING, BODY INTERFACE	RP 170 COMPLIANT TAIL HARNESS CONNECTION	0	0
O	892014	BACKUP ALARM	ECCO SMART ALARM SA917	0	0

CAB EXTERIOR

S	4510001	STEP-CAB ACCESS, CAB MOUNTED	DUAL SELF CLEANING CAB ENTRANCE STEPS	0	0
S	502001	CAB DOORS	STEEL	0	0
S	5100002	GLASS	WINDSHIELD - LAMINATED, ALL GLASS EXCEPT FRONT TINTED	0	0

Quote Id : 43296
Quote Number : Q0045580
Model : 2024 - ACMD42 Class 8

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S	6220013	MIRRORS-DUAL WEST COAST	MIRROR, BLACK, MOTORIZED/HTD POLYCARBONATE HOUSING W/SQUARE MOTORIZED/HTD CONVEX MIRROR	2	0
O	630026	HORN-AIR	TWIN MOUNTED UNDER CAB	2	0
S	661001	CAB TILT MECHANISM-C.O.E.	HYDRAULIC TILT	0	0
S	661A400	SAFETY BAR	SAFETY BAR	0	0
O	6720004	GRILLE	CHROMED AUTOCAR GRILLE	0	0

CAB INTERIOR

S	3800005	STEERING WHEEL	SINGLE DRIVE 16 INCH DIAMETER	0	0
S	3810004	STEERING COLUMN	ADJ. TILT AND TELESCOPIC STEERING COLUMN	0	0
S	5204002	SEAT-DRIVER	SEARS SEAT W/ AIR RIDE SUSP, W/ AIR CONTROLLED LUMBAR SUPPORT	0	0
O	5214002	SEAT-PASSENGER	SEARS SEAT W/ AIR RIDE SUSP, W/ AIR CONTROLLED LUMBAR SUPPORT	0	0
O	5220002	SEAT BELTS-DRIVER	THREE POINT RETRACTABLE BRIGHT ORANGE COLOR	0	0
O	5230003	SEAT BELTS-PASSENGER	THREE POINT RETRACTABLE BRIGHT ORANGE COLOR	0	0
S	5384000	CARPET & MAT	WEAR RESISTANT MAT WITH FOAM BACK W/HEAVY DUTY FLOOR MATS	0	0
S	5404002	CAB PANELS-INTERIOR TRIM	ACMD STANDARD INTERIOR TRIM W/ REDUCED LOWER IP SKIRT	0	0
S	547001	INSULATION-CAB THERMAL	THERMAL INSULATION KIT FOR CAB	0	0
S	5949997	CIGAR LIGHTER	COMPONENTS SUPPLIED BY CAB SUPPLIER	0	0
S	8644000	LAMPS-CAB INTERIOR	LED DOME LAMPS	0	0
O	8754002	ADDITIONAL ELEC. SWITCHES	(2) DASH SWITCHES, (1) WIRED TO POWER FOR ROOF BEACON LIGHT	0	0

GAUGES & INSTRUMENTATION

O	1434000	TRUCK ELECTRICAL CONTROL MODULE	DIAGNOSTIC AND INFORMATION DISPLAY	0	0
O	1390001	GAUGE-ENGINE OIL TEMPERATURE	ELECTRONIC ENGINE OIL TEMPERATURE	0	0
S	225009	AIR INTAKE RESTRICTION INDICATOR	GRADUATED, AIR CLEANER MOUNTED	0	0

Quote Id : 43296
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O	2880001	MONITORING - TRANSMISSION OIL TEMP	TRANS OIL TEMP GAUGE W/ LIGHT & BUZZ	0	0
O	3190001	PTO CONTROLS	PTO ELECTRIC CONTROL SWITCH	0	0
O	357001	REAR SUSPENSION AIR CONTROL	DASH MTD DUMP VALVE	0	0
S	1472001	VEHICLE MONITORING SYSTEM	AUTOCAR ADVANCED TELEMATICS-FULL INSTALLATION	0	0

LIGHTING

O	8360003	LAMPS-HEAD	LED HEADLAMPS	0	0
S	8390002	STOP-TAIL HARNESS	OMIT TAIL LAMPS, BB CONN @ EOF	0	0
S	8410005	LAMPS-TURN SIGNAL - FRONT	AMBER FRONT TURN SIGNALS	0	0
O	8510005	LAMPS-MARKER	CLEARANCE (ROOF CORNER) LAMPS WIRED TO BATTERY SHUT OFF (LINK TO DISCONNECT SWITCH)	0	0
O	859001	LAMPS-RUNNING	DAYTIME	0	0

RADIO/MISC

S	5090001	KEY & LOCK SETS- IGN/DOORS	2 ADDITIONAL KEYS PER TRUCK (4 TOTAL)	0	0
S	5900005	RADIO	RADIO PREP IN OVERHEAD CONSOLE	0	0
O	962003	FIRE EXTINGUISHER	DRY TYPE ABC 5LB. CAP MTD. IN CAB	5	0
O	9630001	FLARE KIT	TRIANGLE KIT IN CAB	5	0

FRONT TIRES / WHEELENDS

S	9400001	WHEEL OIL SEALS-FRONT	SCOTSEAL PLUS XL	0	0
O	9050031	WHEELS-DISC FRONT	22.5X12.25" ALUMINUM, 4.68" INSET, ALCOA	0	0
S	907002	FRONT TIRE QUANTITY	2 FRONT TIRES	0	0
O	930466	TIRE SIZE & LOAD RANGE - FRONT	385/65R22.5J	0	0
I	9310001	TIRE MANUFACTURER & TREAD - FRONT	Michelin XZY	0	0

REAR TIRES / WHEELENDS

S	908004	REAR TIRE QUANTITY	4 REAR TIRES	0	0
O	9140022	WHEELS-DISC REAR	22.5X8.25" ALUMINUM HP, ALCOA #883677 LV1 FINISH	0	-92
O	933062	TIRE SIZE & LOAD RANGE - REAR	11R22.5H	0	0
O	9344003	TIRE MANUFACTURER & TREAD - REAR	BRIDGESTONE R268	0	0

Quote Id : 43296
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Model : 2024 - ACMD42 Class 8

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PAINT

S	950001	CAB PAINT SCHEME	SINGLE COLOR PAINT	0	0
S	9550001	CAB PAINT TYPE	STANDARD WHITE	0	0
S	9804018	CAB COLOR-FIRST	APPROVED---913218EX--- STANDARD WHITE 913218EX	0	0
S	9861U1	CHASSIS COLOR	BLACK P3036	0	0
O	9870002	BUMPER COLOR	PAINT SAME AS CAB, STEEL	0	0
S	988401	DISC WHEEL OR RIM COLOR	STEEL, E-COAT WHITE / ALUM-UNPAINTED	0	0
S	989949	AXLE WHEEL END COLOR	SAME AS CHASSIS	0	0

ADDITIONAL OPTIONS

S	899002	CHASSIS WARRANTY	STANDARD WARRANTY	0	0
S	899A007	TRANSMISSION WARRANTY	ALLISON 3YR WARRANTY	0	0
S	899B001	ENGINE WARRANTY	CUMMINS STANDARD WARRANTY	0	0
S	978000	FLOOR PLAN	NO FLOORING PLAN	0	0
S	969V002	ADDITIONAL PRICE ADJUSTMENT	TEMPORARY INFLATION ADJUSTMENT	0	0

OTHERS

S	740004	CERTIFICATION COMPLIANCE	US SALE-US COMMERCE-34 MPH AND UP	0	0
S	9722023	CERTIFICATION- EMISSIONS	MY 2023 ENGINE, COMPLIES WITH 2021 US EMISSIONS	0	0
S	974004	CERTIFICATION- EXTERIOR NOISE	COMPLIES W/U.S. & CANADA 80D\B\A AT 50FT	0	0

SUB TOTALS

		BASE WEIGHT	8,100	3,850	
		FACTORY OPTION WEIGHT	151	5	
		DISTRIBUTOR OPTION WEIGHT	0	0	

TOTALS

		TOTAL WEIGHT (LB)	8,251	3,855	12,106
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Quote Id : 43296
Quote Number : Q0045580
Model : 2024 - ACMD42 Class 8

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Midway Ford Truck Center

07/11/2022

Internal Quote Summary

Values are in U.S. Dollar

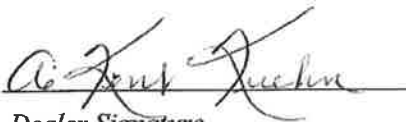
EQUIPMENT	EACH	TOTAL
ACMD42 Class 8	\$171,051.00	\$855,255.00
SINGLE LEFT HAND DRIVE CAB		
QUANTITY	5	

Fleet & Municipal discount	-\$ 18,631.00	\$ 93,155.00
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Total Net Selling Price Single/ (5) units	\$ 152,420.00	\$ 762,100.00
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PRICING INCLUDES THE FOLLOWING ITEMS:

- 1) Pre-delivery inspection performed @ Midway in Kansas City, Mo.
- 2) Delivery from Orange City, IA. to Kansas City, MO.


Dealer Signature

X _____
Customer Signature

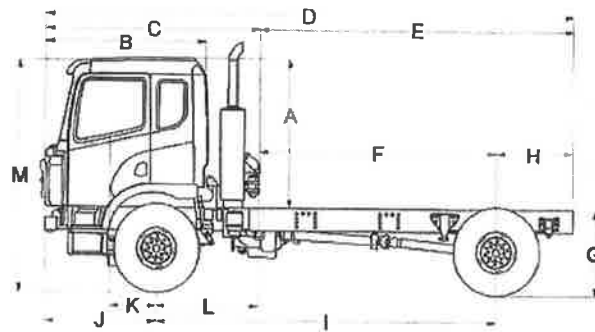
07/11/2022
Date

X _____
Date

- By signing the Quote Summary, Customer approves the information contained in the Quote, subject to final approval by Autocar. Autocar endeavors to provide but does not guarantee error-free Quotes. All price quotations are for informational purposes only, and prices are subject to change without notice. Final prices will be reflected on the invoice for the Autocar chassis or on a document expressly evidencing Autocar's intent to be bound. Autocar may substitute comparable components for those listed on any quote. Estimates of unloaded weight distribution are provided for informational purposes only, are not guaranteed by Autocar and do not take into account vehicle application, body type or other modifications. Autocar is not responsible for modifications to the Autocar chassis after shipment from the Autocar assembly plant. Modifications by body builders and other upfitters or converters may void the Autocar limited warranty in whole or in part.

Dimensions

07/11/2022



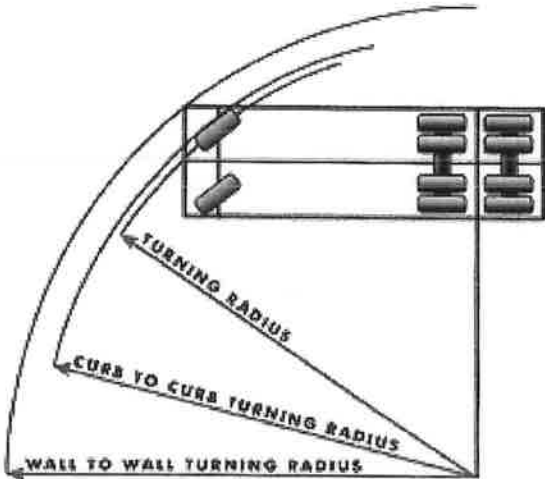
	Dimension(ft)	Description
A	71.85	CAB HEIGHT
B	80.96	BUMPER TO BACK OF CAB
C	104.11	EFFECTIVE BUMPER TO BACK OF CAB
D	345.11	OVERALL LENGTH
E	241.00	EFFECTIVE CAB TO END OF FRAME
F	155.00	EFFECTIVE CAB TO REAR AXLE
G	39.25	UNLADEN FRAME HEIGHT
H	86.00	OVERHANG
I	203.00	WHEELBASE
J	56.11	BUMPER TO FRONT AXLE
K	-18.00	DRIVER CENTER OF GRAVITY
L	48.00	EFFECTIVE FRONT AXLE TO BACK
M	111.10	OVERALL HEIGHT
N	0.00	FRONT FRAME EXTENSION

SPECIFICATION SUMMARY

Model	ACMD42 Class 8
Engine	L9, 360 HP / 2200 RPM / 1150 FT-LB, CUMMINS
Transmission	ALLISON 3000 SERIES,6-SPEED
Rear Axle	MERITOR RS24-160, SINGLE REDUCTION AXLE
Rear Axle Ratio	4.89 RATIO
Rear Tire	11R22.5H

Turning Radius

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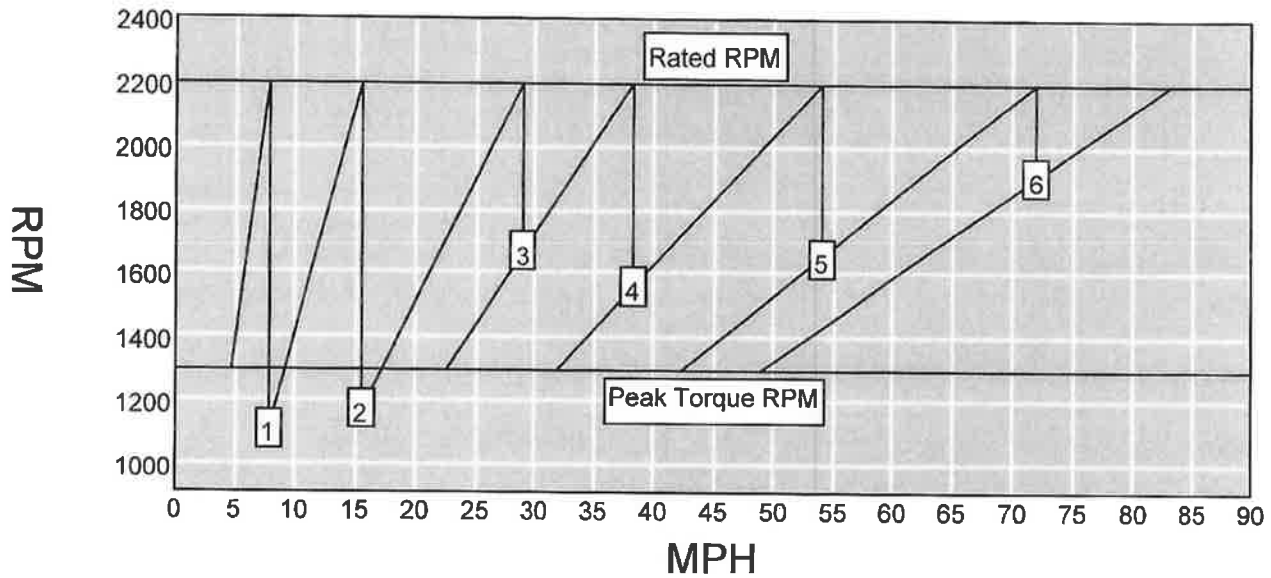
	Dimension(ft)	Description
A	33.94	TURNING RADIUS
B	70.36	CURB TO CURB TURNING DIAMETER
C	73.73	WALL TO WALL TURNING DIAMETER

SPECIFICATION SUMMARY

Model	
Engine	L9, 360 HP / 2200 RPM / 1150 FT-LB, CUMMINS
Transmission	ALLISON 3000 SERIES,6-SPEED
Rear Axle	MERITOR RS24-160, SINGLE REDUCTION AXLE
Rear Axle Ratio	4.89 RATIO
Rear Tire	11R22.5H

Shift Chart

07/11/2022



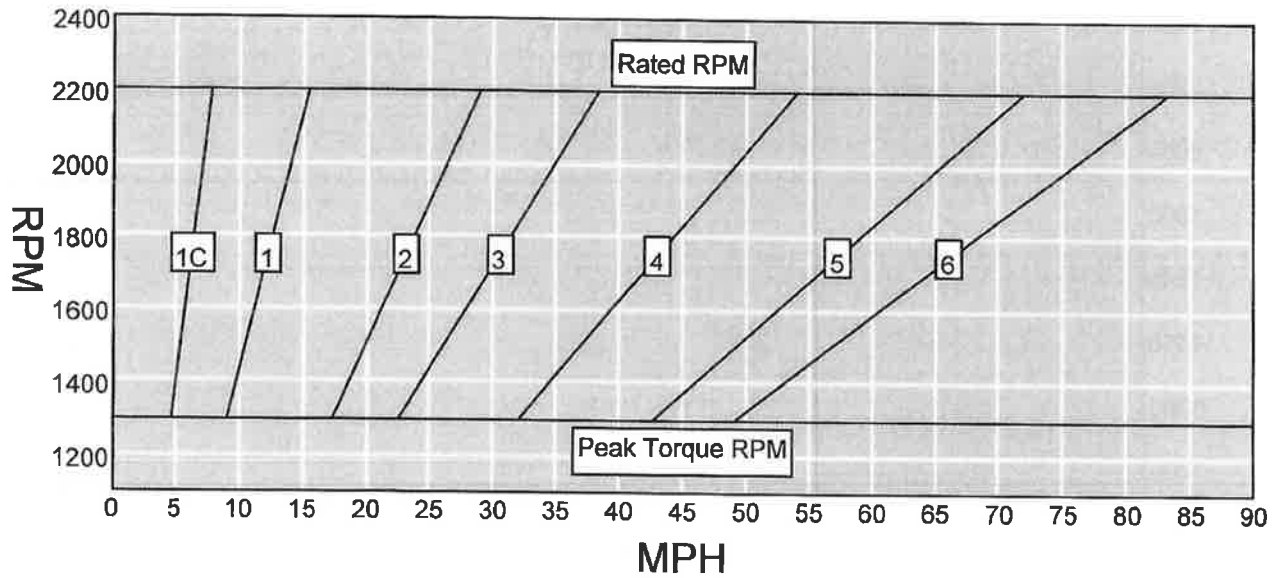
Gear	Trans. Ratio	Rear Axle Ratio	Overall Reduction	% Split	MPH	RPM After Shift
1C	6.91	4.89	33.8	0.0	7.8	0
1	3.49	4.89	17.1	98.0	15.5	1,111
2	1.86	4.89	9.1	87.6	29.0	1,172
3	1.41	4.89	6.9	31.9	38.3	1,667
4	1.00	4.89	4.9	41.0	54.0	1,560
5	0.75	4.89	3.7	33.3	72.0	1,650
6	0.65	4.89	3.2	15.4	83.1	1,906

SPECIFICATION SUMMARY

Model	ACMD42 Class 8
Engine	L9, 360 HP / 2200 RPM / 1150 FT-LB, CUMMINS
Rated Power	360 HP @ 2200 RPM
Peak Torque	1150 LB-FT @ 1300
Transmission	ALLISON 3000 SERIES, 6-SPEED
Rear Axle	MERITOR RS24-160, SINGLE REDUCTION AXLE
Rear Axle Ratio	4.89 RATIO
Rear Tire	11R22.5H
Tire Revolution	500

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Operating Range



	Gear	Trans. Ratio	Rear Axle Ratio	Minimum MPH	Maximum MPH
	1C	6.91	4.89	4.6	7.8
	1	3.49	4.89	9.1	15.5
	2	1.86	4.89	17.2	29.0
	3	1.41	4.89	22.6	38.3
	4	1.00	4.89	31.9	54.0
	5	0.75	4.89	42.5	72.0
	6	0.65	4.89	49.1	83.1

SPECIFICATION SUMMARY

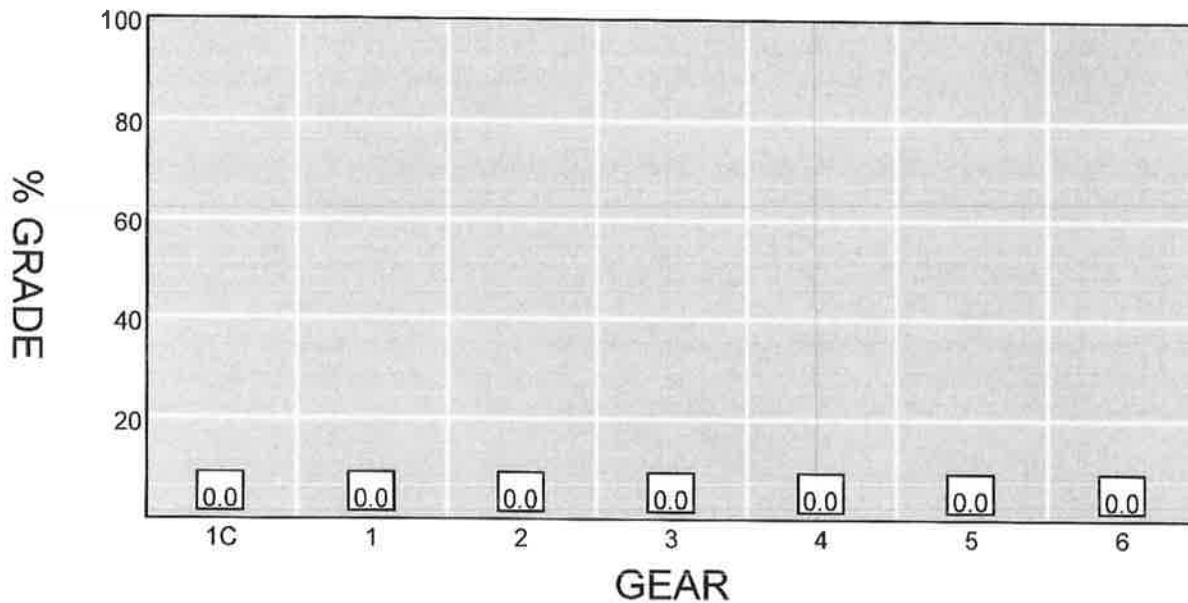
Model	ACMD42 Class 8
Engine	L9, 360 HP / 2200 RPM / 1150 FT-LB, CUMMINS
Rated Power	360 HP @ 2200 RPM
Peak Torque	1150 LB-FT @ 1300
Transmission	ALLISON 3000 SERIES, 6-SPEED
Rear Axle	MERITOR RS24-160, SINGLE REDUCTION AXLE
Rear Axle Ratio	4.89 RATIO
Rear Tire	11R22.5H
Tire Revolution	500

Quote Id : 43296
Quote Number : Q0045580
Model : 2024 - ACMD42 Class 8

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Gradeability

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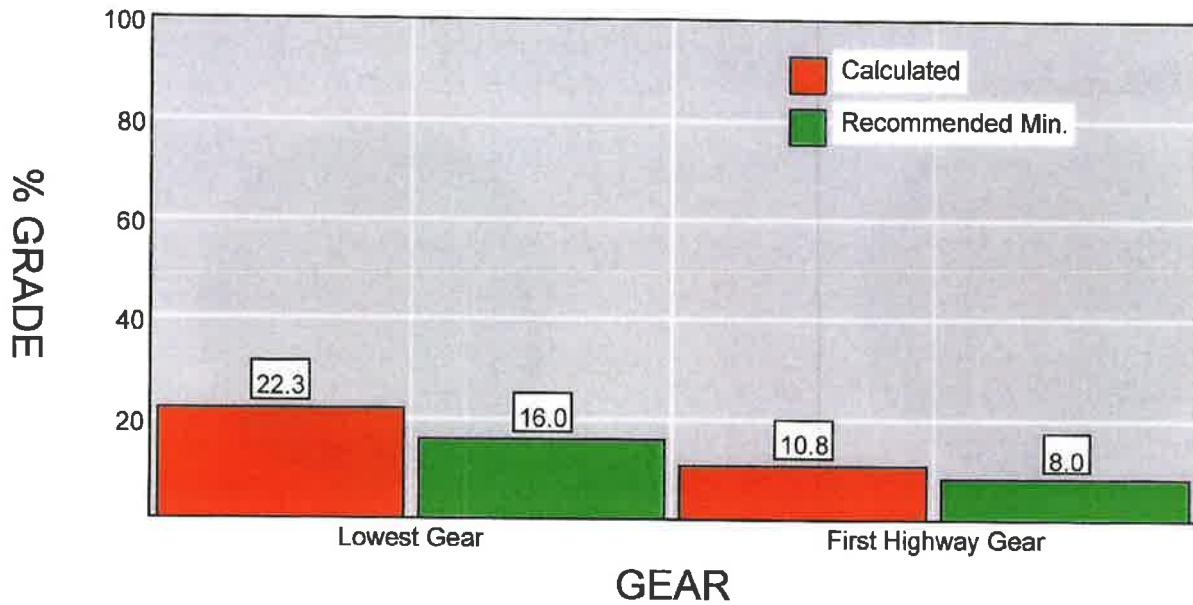
Gear	Trans. Ratio	Rear Axle Ratio	Overall Reduction	Peak Torque	Wheel HP	MPH	Maximum Grade%
1C	6.91	4.89	33.8	1,150.0	296.8	4.6	0.0
1	3.49	4.89	17.1	1,150.0	296.8	9.1	0.0
2	1.86	4.89	9.1	1,150.0	296.8	17.2	0.0
3	1.41	4.89	6.9	1,150.0	296.8	22.6	0.0
4	1.00	4.89	4.9	1,150.0	296.8	31.9	0.0
5	0.75	4.89	3.7	1,150.0	296.8	42.5	0.0
6	0.65	4.89	3.2	1,150.0	296.8	49.1	0.0

SPECIFICATION SUMMARY

Model	ACMD42 Class 8
Engine	L9, 360 HP / 2200 RPM / 1150 FT-LB, CUMMINS
Peak Torque	1150 LB-FT @ 1300
Transmission	ALLISON 3000 SERIES,6-SPEED
Rear Axle	MERITOR RS24-160, SINGLE REDUCTION AXLE
Rear Axle Ratio	4.89 RATIO
Rear Tire	11R22.5H
Tire Revolution	500
GVW/GCV	0
Surface	Concrete

Startability

07/11/2022



Gear	Application	Recommended Minimum Grade %	Calculated Grade %
Lowest Gear	City	12.0	n/a
	On Highway	16.0	22.3
	On-Off Highway	18.0	n/a
	Off Highway	20.0	n/a
First Highway Gear		0.0	n/a
	All Applications	8.0	10.8

"SPECIFICATION SUMMARY"

Model	ACMD42 Class 8
Engine	L9, 360 HP / 2200 RPM / 1150 FT-LB, CUMMINS
Clutch Torque	549 LB-FT 700 RPM
Transmission	ALLISON 3000 SERIES,6-SPEED
Rear Axle	MERITOR RS24-160, SINGLE REDUCTION AXLE
Rear Axle Ratio	4.89 RATIO
Rear Tire	11R22.5H
Tire Radius	19.3
GVW/GCV	0
Surface	Concrete
Terrain	On Highway

Top Speed

07/11/2022

Speed At Maximum RPM



RPM At 60MPH



	MPH	RPM
Top Speed	83.1	2,200
Cruise Speed	60.0	1,589
Minimum Of Engine Range	30.2	800
Maximum Of Engine Range	83.1	2,200
Minimum Of Economy Range	30.2	800
Maximum Of Economy Range	83.1	2,200

Quote Id : 43296
Quote Number : Q0045580
Model : 2024 - ACMD42 Class 8

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SPECIFICATION SUMMARY

Model	ACMD42 Class 8
Engine	L9, 360 HP / 2200 RPM / 1150 FT-LB, CUMMINS
Transmission	ALLISON 3000 SERIES,6-SPEED
Rear Axle	MERITOR RS24-160, SINGLE REDUCTION AXLE
Rear Axle Ratio	4.89 RATIO
Rear Tire	11R22.5H
Tire Revolution	500

Chassis Standards

07/11/2022

Code Description

FRAME EQUIPMENT

408001	STEEL ENGINE CROSSMEMBER
4160001	OVERSLUNG X-MEMBER INTEGRAL W/ENG MOUNTS
4800003	TWO TOW HOOKS INTEGRAL W/FRONT XMEMBER

ENGINE EQUIPMENT

2120003	STANDARD SURGE TANK W/ SIGHT GLASS
6020002	SILICONE HEATER HOSES
602C01	CONSTANT TORQUE HOSE CLAMPS
602S001	NO HEATER SHUT-OFF TAP
724001	CAB AIRLINES - SAE J844 NYLON TUBING
729002	AIR LINES CHASSIS PARK BRAKE
701001	STANDARD AIR COMPRESSOR GOVERNER
702002	TEFLON HOSE DISCHARGE LINES
233004	TURNED OUT EXHAUST STACK
1030001	ENGINE DIPSTICK ACCESIBLE W/O TILTING CAB

HVAC EQUIPMENT

6000002	AIR CONDITIONING W/ HEATER / DEFROSTER / CLIMATE CONTROL
060001	AIR COND INTEGRAL WITH HEATER/DEFROSTER
608002	R134A REFRIGERANT
611003	STANDARD AC COMPRESSOR
612001	STANDARD AC CONDENSER
615004	R134A HOSES WITH CRIMPED FITTINGS

CAB INTERIOR

512010	DUAL POWER WINDOWS
533013	CAB DOOR PANELS BOTH SIDES
541005	COLOR KEYED TO TRIM COLOR
542016	INTERIOR SUNVISOR LEFT AND RIGHT HAND PROVIDED
5530001	STANDARD INTERIOR TRIM DOOR SILLS
5680003	OVERHEAD CONSOLE W/DRIVER AND PASSENGER SIDE STORAGE BINS
570009	COLOR KEYED INSTRUMENT PANEL
594001	DASH MOUNTED CIGAR LIGHTER

CAB / RADIO PREP PACKAGE

5900005	RADIO PREP IN OVERHEAD CONSOLE
5960052	DUAL CONE SPEAKERS

Quote Id : 43296
Quote Number : Q0045580
Model : 2024 - ACMD42 Class 8

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Midway Ford Truck Center

Note: ACMD Chassis & Cab Standards are subject to change without notice.

Code	Description
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CAB INSTRUMENTATION

704002	AUDIBLE AND VISUAL LOW AIR WARNING DEVICE
132034	AUDIBLE/VISUAL ALARM/Low Oil PSI, High Coolant Temp, Low Coolant Level
0570006	ACMD GAUGE PACKAGE #1 AIR BRAKE SYSTEM
5770001	GAUGE, ELECTRONIC SPEEDOMETER WITH ODOMETER
1360001	GAUGE, ELECTRONIC TACHOMETER WITH HOURMETER
1380001	GAUGE, ELECTRONIC ENGINE OIL PRESSURE
1400001	GAUGE, ELECTRONIC ENGINE COOLANT TEMP
4390001	GAUGE, ELECTRONIC FUEL LEVEL GAUGE
7030001	GAUGE, DUAL AIR SYSTEM PRESSURE GAUGE
8040001	GAUGE, ELECTRONIC VOLTMETER

CAB EQUIPMENT

133003	WILLIAMS ACCELERATOR PEDALS
6280002	ELECTRIC INTERMITTENT WIPERS
629003	STANDARD WINDSHIELD WASHER
631001	SINGLE ELECTRIC HORN
782L01	PARK BRAKE INDICATOR LIGHT
801002	NEGATIVE GROUND 12VOLT
8040001	ELECTRONIC VOLTMETER
811002	STANDARD BATTERY CABLES
8220004	IGNITION SWITCH WITH STARTER BUTTON
8360002	HEADLIGHTS - RECTANGULAR SEALED BEAM
842001	REAR TURN SIGNAL LAMPS - WIRED INTO TAIL LAMPS
8440003	SELF-CANCELING TURN SIGNALS
8640001	DOMELAMPS LH AND RH SIDE

CAB EXTERIOR EQUIPMENT

6190003	STANDARD RETRACTABLE MIRROR ARMS
4604001	AUTOMOTIVE BUMPER
624012	STANDARD GRAB HANDLES - MEETS FMCSR 399 REQUIREMENTS
624U001	ENTRY GRAB HANDLES LH & RH MTD TO INSIDE OF A-PILLAR ON IP
6340002	FRONT GRAB HANDLES
6340002	LH & RH INTEGRAL WASHER NOZZLES
626001	AMBER REFLECTORS
6620001	HYDRAULIC RELEASE CAB LATCHES
675001	BUG SCREEN MOUNTED BEHIND GRILLE

CHASSIS PAINT

956025	CHASSIS PAINT - 2 PART POLYURETHANE ENAMEL (SEMI-GLOSS BLACK)
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Quote Id : 43296
Quote Number : Q0045580
Model : 2024 - ACMD42 Class 8

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Midway Ford Truck Center

Note: ACMD Chassis & Cab Standards are subject to change without notice.



- Color camera with infra-red LEDs
- Comes complete with weatherproof camera
- Sunshield



SPECIFICATION

Image sensor

1/3" color SONY Super HAD (270K Pixels)

Effective pixels

NTSC (525TVL): 512(H) x 492(V)

PAL (625TVL): 512(H) x 582(V)

Scanning system

2:1 Interlaced

H. resolution

NTSC/PAL - 380TVL

Scanning frequency

Horizontal: 15,734Hz, Vertical: 59.94Hz

Video output level

1.0Vp-p (75Ω composite)

S/N ratio

More than 50dB (AGC off)

Gamma

r=0.45

White balance

2,100°K ~ 9100°K - Auto

Min. illumination

0.5 Lux (IR LED off)

IR LED

Visible 5mm diameter (850nm, 30° x 14ea)

Visibility range

Real 7 Meter (approx. 23 Feet)

CDS sensor

IR LED on/off at 5.0 Lux

Auto defog

Auto heater system

Operating temperature

-30°C ~ +80°C (-22°F ~ +176°F)

Humidity

10% ~ 95% RH

Lens

STD Lens: fix 2.45mm lensF: 1.8

Power source

DC12V 120mA (max. 200mA)

Dimensions (Inch)

4(W) x 3.5(H) x 2.3(D)

Weight (approx.)

400g (0.88lbs)

Cable

Round din 6 pin or 4 pin locking type



VOGEL TRAFFIC SERVICES / EZ LINER / ARROW LIMITED WARRANTY

Vogel Traffic Services / EZ Liner / Arrow (Company) warrants all equipment manufactured by it and bearing its brand names to be free from defects in material and workmanship at the time of sale by the Company or an authorized Company distributor. The Company will, for a period of twelve months from the date of sale, repair or replace any part of the equipment proven defective. Repair or replacement under this warranty shall be purchaser's sole remedy for breach of the warranty. Products furnished by but not manufactured by the Companies (such as chassis, engines, compressors, etc.) will carry the warranty of the original equipment manufacturer.

This warranty shall not apply if the product has been subject to misuse, negligence, accident or tampering or has not been operated in accordance with the Company's recommendations. This warranty does not cover, and the Company shall not be liable for any damage, wear or malfunction caused by improper or inadequate maintenance, or substitution of components not supplied by the Company. Warranty does not apply to normal wear and tear due to equipment operation or to consumable replacement parts.

This warranty applies only to the original purchaser and only when the equipment is operated and maintained in accordance with the Company's written recommendations or instructions. Purchaser must, with transportation prepaid, return the equipment claimed to be defective to the Company for verification of the claimed defect. If the alleged defect is verified, the Company will, at the Company's option, repair or replace any defective parts. The equipment will be returned including prepayment of transportation charges to the original purchaser. Expedited fees will be paid by the customer if requested. If no defects in material and workmanship are found; repairs will be made by the Company at a reasonable charge. Charges may include the cost of parts, labor and freight.

THE COMPANY DISCLAIMS TO THE FULL EXTENT PERMITTED BY LAW ALL WARRANTIES, EXPRESSED OR IMPLIED INCLUDING ANY WARRANTY OF MERCHANTABILITY OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND ANY NON-CONTRACTUAL LIABILITIES INCLUDING PRODUCT LIABILITY BASED ON NEGLIGENCE OR STRICT LIABILITIES. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION OF THE FACE HEREOF.

Every form of liability is expressly excluded and denied for direct, indirect, special or consequential damage or loss. This warranty shall be in lieu of any other warranty expressed or implied. The terms of this warranty constitute the purchaser's sole and exclusive remedy. In no case shall the Company liability exceed the amount of the purchase price. Any action for breach of warranty must be brought within one (1) year of the date of sale or in service date.

250728

EZ Liner & Arrow Striping Equipment

Arrow Striping Equipment | 335 Orchard Lane, Billings, MT 59101
EZ Liner | 1920 Albany Pl SE, Orange City IA 51041

(800) 373-4016
ezlinearrow.com

Affiliates of
Vogel Traffic Services





M-B Companies, Inc.
Pavement Marking Equipment
95 Blessing Drive
Muncy, PA 17756

Phone 920 898 4203
Fax 920 898 4588
www.m-bco.com

PRICE QUOTATION

QUOTATION NO. 17719

Please refer to this number when submitting an order

To: Clackamas County

Date: 10/13/25
Expiration Date: 1/11/26

F.O.B. Shipping Point: Muncy, PA

We appreciate the opportunity to submit the following quotation:

M-B Companies, Inc. Airless Paint Striper

The following is included in the price shown below:

Product Code	Item Description	LIST COST	SOURCEWELL	QTY	TOTAL
MAXI550ATOTE	MAXI-550A TOTE, 2-275 GALLON TOTES (CUSTOMER SUPPLIED TOTES)	\$ 302,049.00	\$ 286,946.55	1	\$ 286,946.55
DCWIRED	Install Wired David Clark Intercom, 3 stations	\$ 6,145.00	\$ 5,837.75	1	\$ 5,837.75
LIGHTBAR	Install Lightbar (standard)	\$ 2,395.00	\$ 2,275.25	1	\$ 2,275.25
STROBE	Install Strobe Light (each) 360 or 180 Degree	\$ 840.00	\$ 798.00	8	\$ 6,384.00
VIDEOGUIDANCE	Install Camera Video Guidance System, 2 Cameras, Electric Actuated	\$ 13,865.00	\$ 13,171.75	1	\$ 13,171.75
BACKUPCAMERA	Install Backup Camera System, Standard	\$ 720.00	\$ 684.00	1	\$ 684.00
SC12	Install SC-12 Skiptimer system	\$ 15,995.00	\$ 15,195.25	1	\$ 15,195.25
DL18AL	Install Data Logging System for Airless Trucks	\$ 28,670.00	\$ 27,236.50	1	\$ 27,236.50
THUMBTRIGGER	Install Thumb Switch Trigger for Skiptimer System	\$ 850.00	\$ 807.50	2	\$ 1,615.00
GRACOPAINT	Install Graco 238-377 Paint Gun (addition to base spec)	\$ 1,445.00	\$ 1,372.75	7	\$ 9,609.25
GRACOBead	Install Graco 238-338 Bead Gun (addition to base spec)	\$ 1,580.00	\$ 1,501.00	7	\$ 10,507.00
ELEVATORS	Install Remote Elevators on Paint Guns (each)	\$ 850.00	\$ 807.50	10	\$ 8,075.00
CABBAYWINDOW	Install Rear Operators' Shelter, Bay Window Design	\$ 36,395.00	\$ 34,575.25	1	\$ 34,575.25
TOOLBOX	Install Toolbox (each), Lockable, 20" X 20" X 14" (approximate size)	\$ 1,150.00	\$ 1,092.50	2	\$ 2,185.00
FENDERSINGLEALUM	Install Aluminum Fenders over Single Rear Axle on Chassis	\$ 2,185.00	\$ 2,075.75	2	\$ 4,151.50
SCHMIDT	Install Schmidt Air Dryer in lieu of Laman (smaller trucks)	\$ 2,185.00	\$ 2,075.75	1	\$ 2,075.75
GARDENHOSE	Install Garden Hose Hook up (specify quantity and location)	\$ 65.00	\$ 61.75	4	\$ 247.00
TRAINING	Startup/Technical Training by MB Technician (per day) (standard 3 days)	\$ 2,000.00	\$ 1,900.00	3	\$ 5,700.00
PREDELIV	Pre-Delivery Inspection Meeting at MB Facility (per person) - Includes all travel expenses	\$ 3,000.00	\$ 2,850.00	2	\$ 5,700.00
	Add digital speedometer				
	Remove 2-M-B low pressure paint pumps, Remove 2-titan high pressure pumps. Add 2-ARO low pressure pumps, Add 2-ARO high pressure pumps.				
	Remove 5,000 lbs. glass tank, Add 5,000 lbs. glass tank. Add 2-360 lbs. Element tank				
	Add 2-carriage wheels, add kill switch to rear console.				
	Remove Boss 210, add Boss 250.	\$ 36,281.30		1	\$ 36,281.30
	CHASSIS: Peterbilt 520, 53,000 lbs. GVW with 10,000 lbs. pusher, Wheelbase 170"	\$ 182,765.29		1	\$ 182,765.29
	DRIVEN DELIVERY	\$ 6,315.79		1	\$ 6,315.79
	TOTAL FOR THE ABOVE:				\$ 667,534.18

QUOTATION NO: Q17719

		OPTIONAL EQUIPMENT					
SOLVENTSYS	Add DVR to rear backup camera	\$	1,255.00	\$	1,192.25	1	\$ 1,192.25
	Add brush guard to rear operator shelter	\$	803.89			1	\$ 803.89
	Install Solvent/Cleaner System with 20 Gallon ASME Tank	\$	5,995.00	\$	5,695.25	1	\$ 5,695.25
	Add grounding mechanism on reel	\$	800.00			1	\$ 800.00
GL3000PM	Install Laser Pointer on Carriage (each)	\$	4,015.00	\$	3,814.25	2	\$ 7,628.50

DISCLAIMER - DUE TO THE VOLATILITY OF THE CURRENT MARKET CONDITIONS PRICING IS SUBJECT TO CHANGE AND WILL NEED REVIEWED PRIOR TO ACCEPTING A PURCHASE ORDER

*IF YOUR CHASSIS IS OVER 33,000 LBS. AND YOU QUALIFY FOR AN FET EXEMPTION, PLEASE SUBMIT AN FET EXEMPTION CERTIFICATE WITH YOUR PURCHASE ORDER.

**SOURCEWELL CONTRACT AWARDED, CONTRACT NUMBER 050625-MBC*

CUSTOMER IS RESPONSIBLE FOR ALL APPLICABLE SALES TAXES

PAYMENT TERMS: Net 20

This quotation is valid for 30 Days

Delivery: 90 to 120 days after receipt of chassis, notwithstanding exceptional circumstances out of our control.

Unless otherwise Stated, prices quoted are for the above listed quantities shipped at one time. Prices may change if quantities differ from those shown above.

M-B Companies, Inc.

**By: Mickey McKee, Territory Sales Manager
Pavement Marking Equipment Division**

Customer Acceptance of Order

Signature

Date

THIS QUOTATION IS NOT AN OFFER AND IS NOT LEGALLY BINDING ON M-B. ALL SALES BY M-B SHALL BE SUBJECT EXCLUSIVELY TO M-B'S TERMS AND CONDITIONS OF SALES SET FORTH ON THE BACK HEREOF.

QUOTATION NO: Q17719

Standard Terms and Condition of Sale

M-B Companies, Inc. of Wisconsin ("Seller") agrees to sell products, parts or components to ("Buyer") on the terms and conditions set out in these Terms and Conditions (the "Terms and Conditions").

Placement of Orders: Processing of an order will not commence until Seller has received written confirmation. If Buyer does not issue a formal purchase order, written confirmation must include the following information: M-B model, size, other options (if applicable), prime mover model to which striper will be mounted, quantity, price, expected discount, expected delivery date, and shipping instructions. This information should appear on Buyer's letterhead, and be signed by an authorized representative of Buyer.

Acceptance: All orders are subject to final written acceptance by Seller at its home office. These Terms and Conditions constitute the final agreement between Seller and Buyer, and shall apply to all sales by Seller to Buyer. Seller's acceptance of this order is expressly conditioned on Buyer's agreement to these Terms and Conditions. Buyer shall be deemed to have consented to these Terms and Conditions in the event it accepts the shipment of any products from Seller. These Terms and Conditions supersede any and all conditions contained in Buyer's purchase order or other document furnished by Buyer. Any attempt by Buyer to vary these terms is hereby expressly objected to and rejected.

Price: Unless otherwise stated, all prices and deliveries are FOB Muncy, Pennsylvania. Prices do not include any taxes. All prices, specifications, terms and conditions are subject to change without notice. All orders will be invoiced at the price in effect when the order is received by Seller. All quotations shall be valid for a period of ninety (90) days unless otherwise noted.

Delivery Dates / Delays: Delivery date quoted shall be FOB shipping point date unless otherwise specified. Delivery dates are only estimations by Seller. In the event of delay attributable to Buyer, Buyer shall compensate Seller for delay costs. Seller shall not be liable for delays in delivery or failure to perform due to causes beyond its reasonable control, including but not limited to, acts of nature, acts of war or terrorism, Buyer's acts or failures to act, acts of government or military authority, delays in transportation or shortages, or inability due to causes beyond Seller's reasonable control to obtain necessary labor, materials, utilities, components, parts or manufacturing facilities.

Payment Terms: Payment terms are Net 20 days after invoice date (special terms may apply). Seller reserves the right to require cash payment if Seller develops doubt as to Buyer's ability to pay. Seller may charge Buyer interest at the rate of one percent (1.0%) over current prime rate per annum on past due accounts. In addition, in the event of late payment or default by Buyer, Seller shall be entitled to collect its attorneys' fees, expenses and other costs incurred in pursuing collection. Buyer shall not take any credit against payment due Seller without a written credit memorandum authorizing such credit issued in advance by Seller. Payments due to Seller, whether for the purchase of products or otherwise, shall be paid without deduction, set-off, or recoupment by Buyer.

Returns: Buyer shall not return any products unless authorized in writing by Seller with Seller's "returned materials authorization" number (RMA). The RMA must be prominently displayed on the outside of the return packaging. Any request to return products must be made within ten (10) days from the receipt of the products by Buyer. Returned products must be in first class saleable condition, in their original container, shipment prepaid. The issuance of an RMA number is not an admission of liability on Seller's part for reimbursement of any type. The returned products will be examined upon receipt, at which time proper disposition will be determined. Buyer will be advised at that time of any adjustments or credits that may be made. All products that are returned for any reason other than defective material will be subject to inspection to ensure the item's resaleable condition. In any event, a 30% restocking fee, as well as the freight charges both ways will be deducted from any credit. Nonstandard or used material, and components designed to meet Buyer's unique requirements or specifications, are not returnable. Unless otherwise expressly agreed, an order for equivalent value must accompany returned products and all such products are accepted for credit only after factory inspection. Buyer returning products must pay transportation charges and bear risks of loss or damage to goods while in transit.

Warranty: Seller provides a limited warranty pursuant to the terms of its separate Limited Warranty Policy. The Warranty is Buyer's exclusive remedy.

Limitation of Liability: Seller shall not be liable to Buyer or any Customer of Buyer for any incidental, consequential, special or punitive damages. In no event shall Seller be liable for damages which exceed the purchase price for the products.

Indemnification / Insurance: Buyer shall indemnify and hold Seller harmless from any loss, including, but not limited to, attorneys' fees and expenses, which Seller may sustain as the result of any claim arising out of or relating to use or sale of the products by Buyer, Buyer's customer, or any third party. If Buyer maintains insurance which may be applied to any liability it has to Seller pursuant to these Terms and Conditions, then Buyer agrees to take whatever actions are necessary to perfect said insurance coverage for the benefit of Seller.

Changes / Cancellation: Buyer may request changes in its order provided that Seller receives written notice of and accepts the desired changes and that Buyer accepts the additional charges as determined by Seller. Seller's refusal of Buyer's request to change its purchase order shall not be cause for Buyer's cancellation of its order except upon payment of a cancellation charge to be determined by Seller. Seller shall have the absolute right to cancel any undelivered orders upon breach thereof by Buyer, failure by Buyer to make any payment required hereunder, or insolvency or bankruptcy of Buyer. A purchase order or any part thereof which is accepted by Seller may not be cancelled by Buyer until Seller receives written notice of the cancellation, has determined reasonable additional charge to be made and the charge has been paid by Buyer.

Infringement: With respect to the products which are made by Seller based on any specifications, directions, models, or samples furnished by Buyer or commercial standards of Buyer's industry, Buyer will defend and hold Seller harmless from any and all liability and expenses arising out of or relating to any claims based on infringement or alleged infringement of patents, trademarks or copyrights from the use or sale of products made by Seller either as such or as part of complete items.

Notices: Any notice given pursuant to these Terms and Conditions shall be sent by means providing proof of delivery and: (1) if to Buyer, to its regular place of business; and (2) if to Seller: PO Box 200, 1615 Wisconsin Avenue, New Holstein, Wisconsin 53061.

Entire Agreement: The parties agree that there are no understandings, agreements or representations, express or implied not specified in these Terms and Conditions and that this instrument contains the entire agreement between Seller and Buyer, and that, consequently, no course of prior dealings and no usage of the trade shall be relevant to supplement or explain any of the terms used in these Terms and Conditions.

Governing Law: These Terms and Conditions shall be construed and interpreted under the laws of the State of Wisconsin. Any disputes arising hereunder or relating to the products shall be brought in Calumet County, Wisconsin.



"Build it Together"

Build Proposal - Airless Paint Truck

Prepared by: Core Equipment

Prepared for: Clackamas County





Clackamas County
150 Beavercreek Road
Oregon City, OR 97045

Kirk,

Thank you for your interest in our Airless Paint Truck. Details and drawings to follow in this proposal.

Sincerely,

Core Equipment USA



Pricing

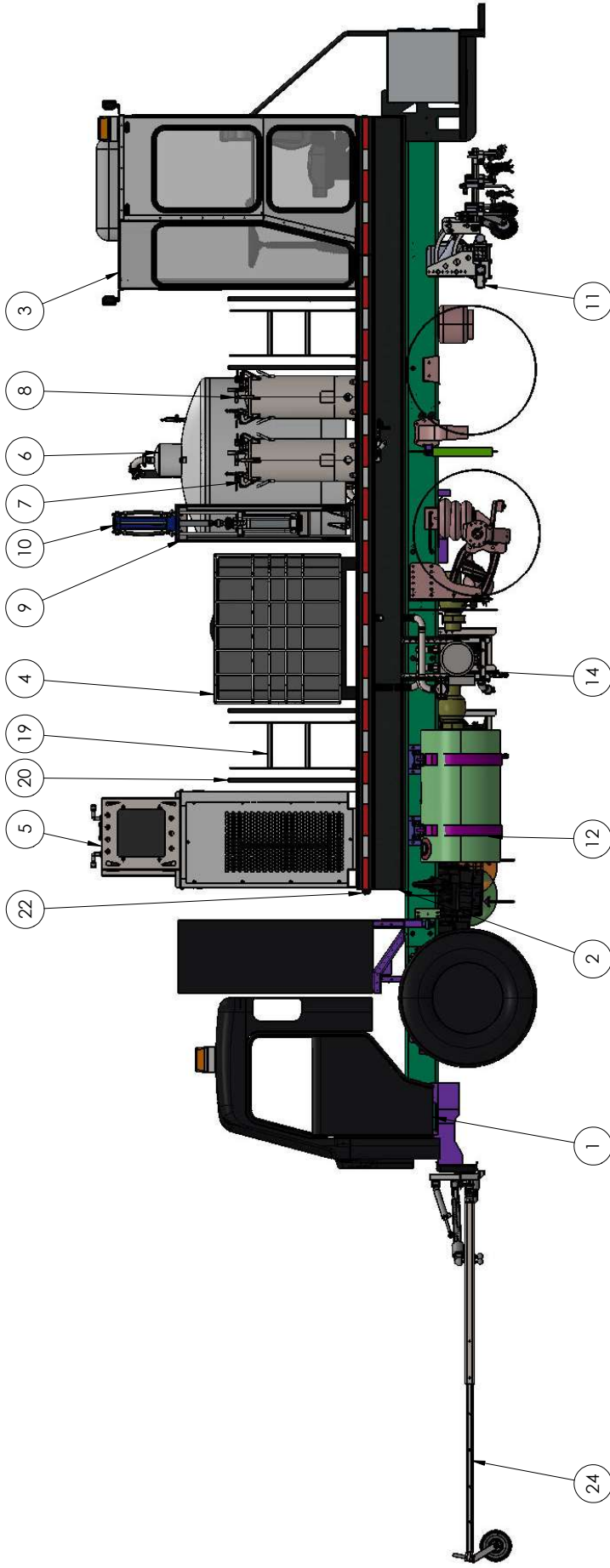
Peterbilt 520 - Per Oregon State Contract #PO - 10700-00012815	\$202,747.00
Core Equipment Airless Paint Truck Striper -	\$675,000.00
Total Price -	\$877,747.00

All prices in USD. Excluding registration fees, safety inspections and licensing. Price includes vehicle delivery to customer location as well as one (1) week of operator training.

Delivery Date: TBD

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PRELIMINARY DESIGN

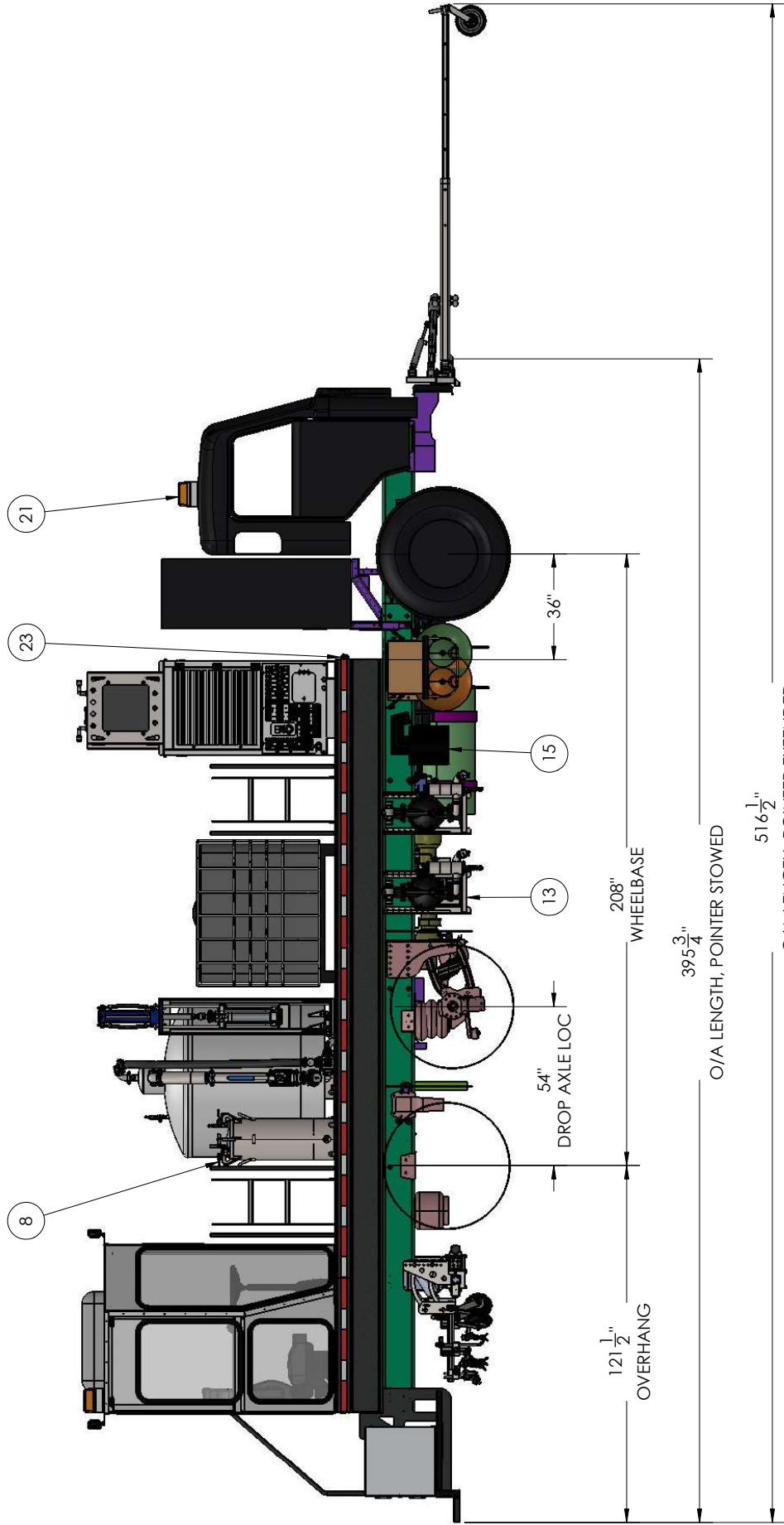


UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm 1/16$ ANGULAR $\pm 1^\circ$ TWO PLACE DECIMAL $\pm .010$ THREE PLACE DECIMAL $\pm .005$		CORE EQUIPMENT INC 423 LAKESHORE RD ST CATHARINES, ONTARIO	
TITLE: Clackamas County - Line Stripe Proposal		SCALE: DNS SHEET 2 OF 6 DATE: 10/9/2025	
SURFACE AREA Sq. In		DRAWN A. Mooren	
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CORE EQUIPMENT INC. NO PART OF THIS DRAWING IS TO BE REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF CORE EQUIPMENT INC. IS PROHIBITED.		DO NOT SCALE DRAWING	
SIZE B		REV O	
WEIGHT lbs.			

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PRELIMINARY DESIGN



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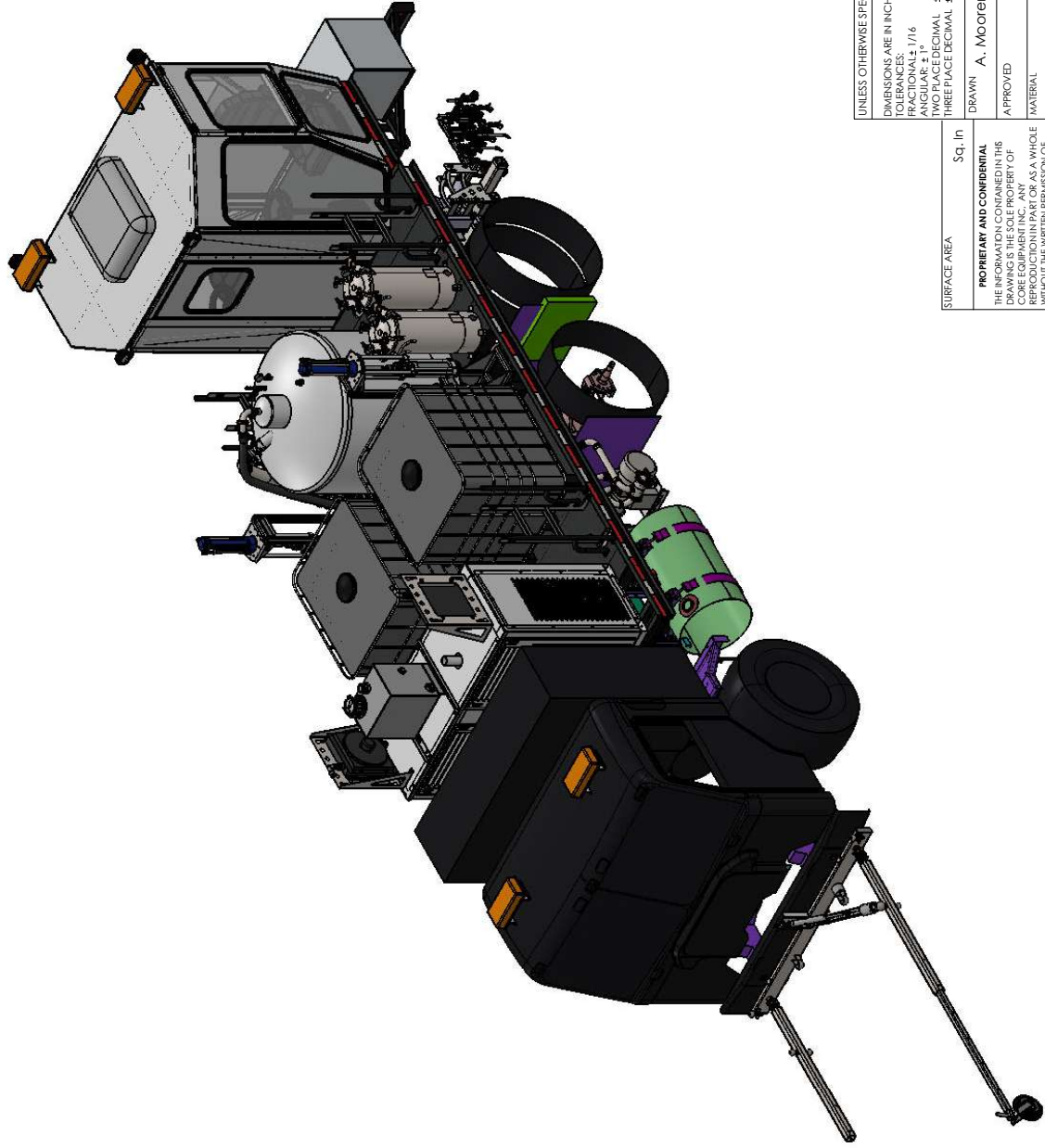
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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± 1/16 ANGULAR ± 1° TWO PLACE DECIMAL ± .010 THREE PLACE DECIMAL ± .005		CORE EQUIPMENT INC 423 LAKE SHORE RD ST CATHARINES, ONTARIO	
SURFACE AREA Sq. In		TITLE: Clackamas County - Line Striper Proposal	
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DRAWN A. Mooren		WEIGHT: lbs.	
APPROVED MATERIAL		SCALE: DNS SHEET 3 OF 6 DATE: 10/9/2025	
DO NOT SCALE DRAWING			

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PRELIMINARY DESIGN



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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm 1/16$ ANGULAR $\pm 1^\circ$ TWO PLACE DECIMAL $\pm .010$ THREE PLACE DECIMAL $\pm .005$		 CORE EQUIPMENT INC 423 LAKESHORE RD ST CATHARINES, ONTARIO	
TITLE: Clackamas County - Line Stripper Proposal		SCALE: DNS SHEET 4 OF 6 DATE: 10/9/2025	
SURFACE AREA Sq. In		DO NOT SCALE DRAWING	
DRAWN A. Mooren		REV O	
APPROVED		WEIGHT: lbs.	
MATERIAL			

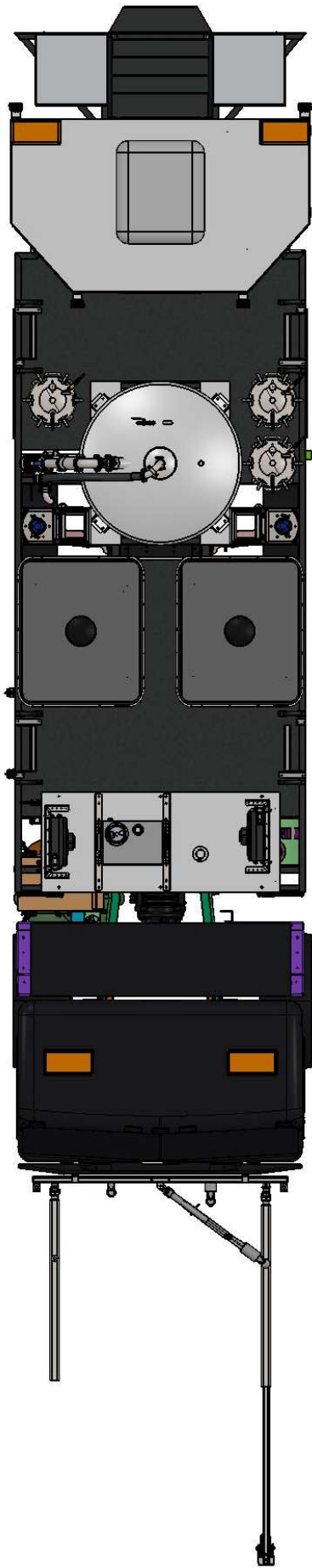
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PRELIMINARY DESIGN

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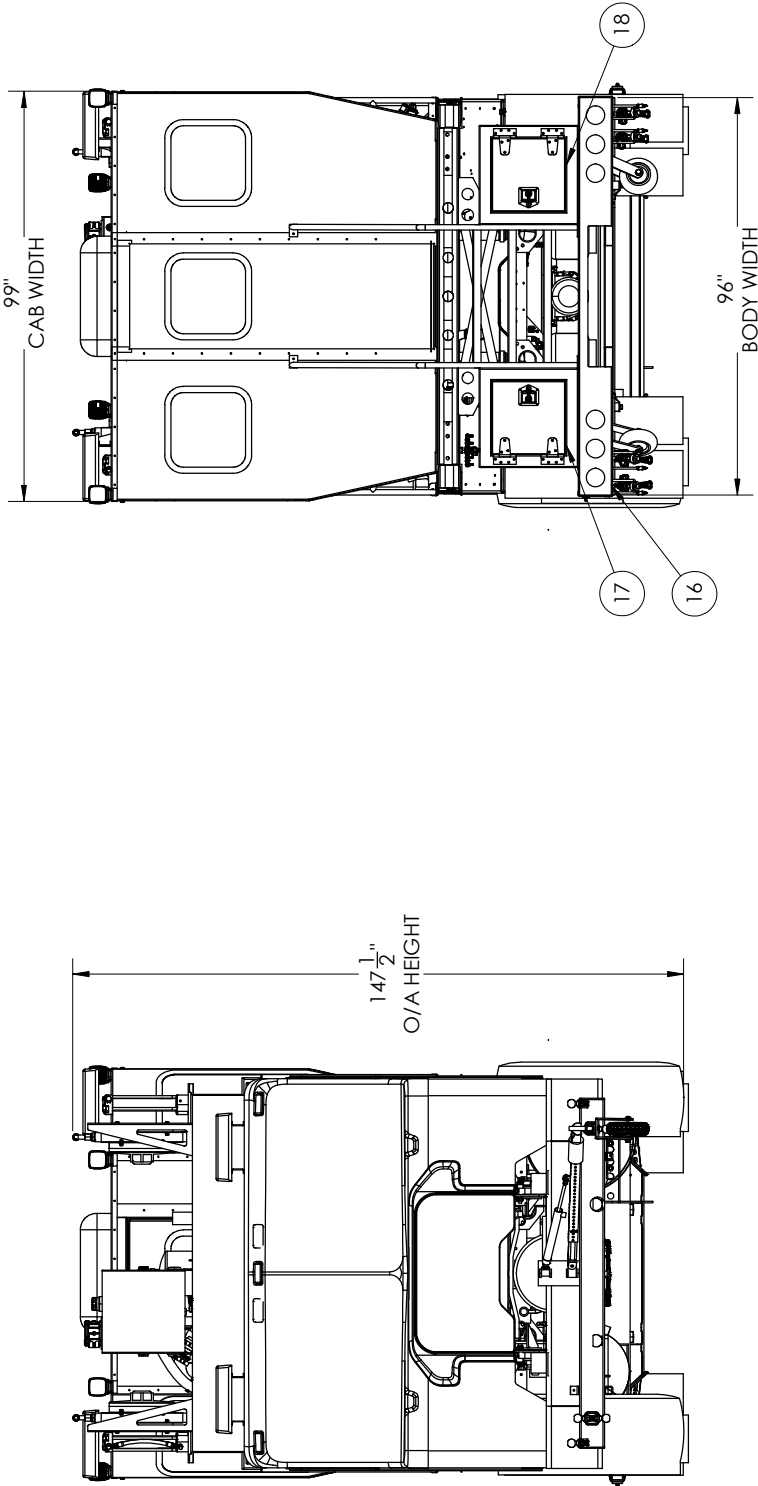
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SURFACE AREA Sq. In		TITLE: Clackamas County - Line Striper Proposal	
DRAWN A. Mooren		SIZE B	REV 0
APPROVED		WEIGHT: lbs.	
MATERIAL		SCALE: DNS SHEET 5 OF 6 DATE: 10/9/2025	
DO NOT SCALE DRAWING			

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PRELIMINARY DESIGN



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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm 1/16$ ANGULAR $\pm 1^\circ$ TWO PLACE DECIMAL $\pm .010$ THREE PLACE DECIMAL $\pm .005$	 CORE EQUIPMENT INC 423 LAKESHORE RD ST CATHARINES, ONTARIO	
	TITLE: Clackamas County - Line Stripper Proposal	
	SIZE	REV WEIGHT: B O lbs.
	SCALE: DNS SHEET 6 OF 6 DATE: 10/9/2025	

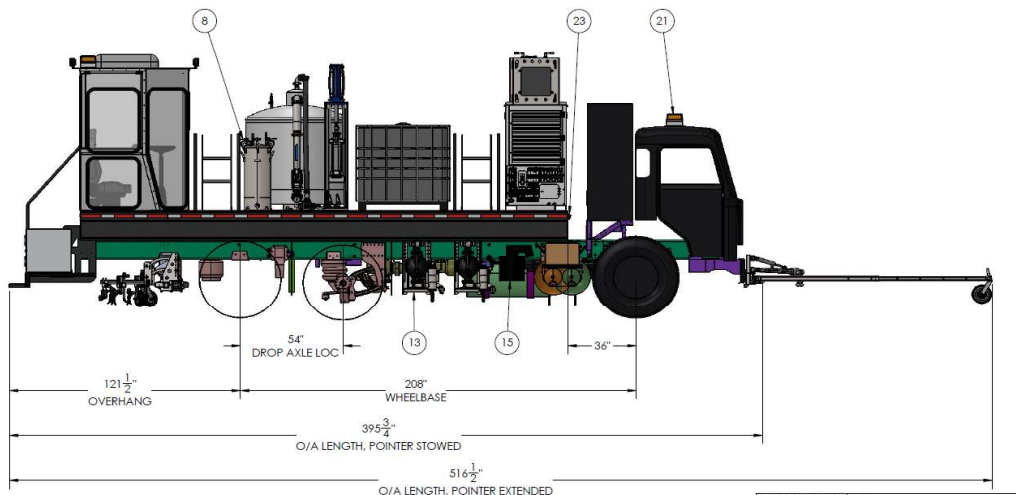
SURFACE AREA	Sq. In
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CORE EQUIPMENT INC. NO PART OF THIS REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CORE EQUIPMENT INC IS PROHIBITED.	
DRAWN A. Mooren	
APPROVED	
MATERIAL	
DO NOT SCALE DRAWING	

4 3 2 1



Horizontal Weight Distribution - Clackamas County - Loaded Condition - Lift Axle Lowered

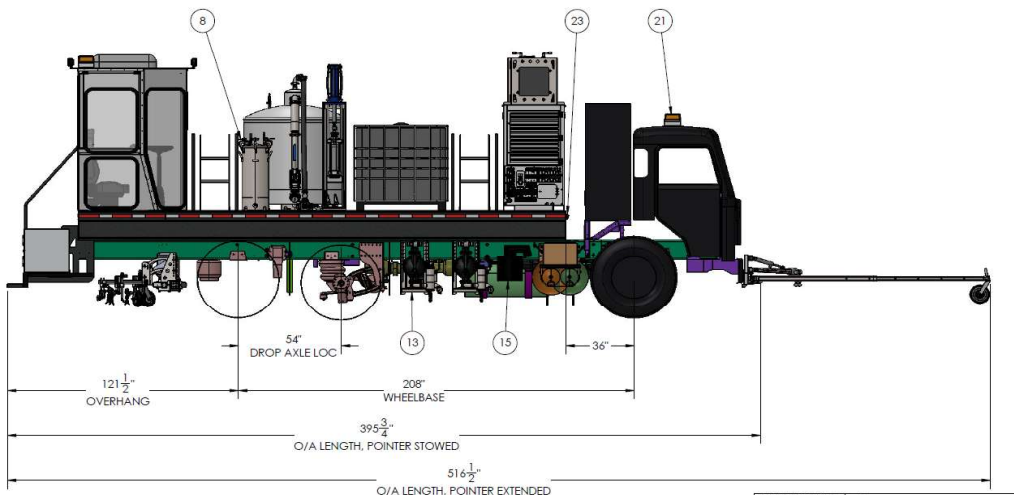
Item	Weight Empty	Weight Loaded	Location	Moment	Location from Platform Front
Boss 210 DUS	2620	2620	52	136240	16
Bead Tank	1300	6300.0	178.6	1125180	142.6
Control Consoles	500	500	244	122000	208
Driver	200	200	-12	-2400	
Fuel 100 US Gal	100	810	66.826	54129.06	30.826
Operators - Rear Cab	500	500	297	148500	261
Misc	1000	1000	164	164000	128
Flush Tank	400	400	178	71200	142
Element Bead Tank	150	880	199	175120	163
Element Bead Tank	150	880	199	175120	163
High Pressure Pumps x 2	450	450	157	70650	121
Hydraulic Reservoir and Cooler	400	400	52	20800	16
Ladders Front	75	75	85	6375	49
Ladders Rear	75	75	257	19275	221
Platform	3000	3000	164	492000	128
Outriggers + Carriage	600	600	254.2	152520	218.2
Diaphragm Pump 1	200	200	99.75	19950	63.75
Diaphragm Pump 2	200	200	123	24600	87
Paint Tote - White	100	3800	122.37	465006	86.37
Paint Tote - Yellow	100	3800	122.37	465006	86.37
Cab	1200	1200	264	316800	228
Piping	300	300	164	49200	128
Seats	100	100	279	27900	243
Steering	100	100	234	23400	198
Wiring / Electrical	400	400	164	65600	128
Rear Bumper / Steps	350	350	307	107450	271
Toolboxes - Front	100	100	308.6	30860	272.6
Vac Pump	200	400	117.5	47000	81.5
Oil Catcher	100	100	65.125	6512.5	29.125
Truck Weight Empty - Front	11251	11251			
Truck Weight Empty - Rear	5217	5217		944277	
Sub Totals	31438	46208		5524270.56	
Payload	14770				
Rated Capacity - Front Axle	20000				
Rated Capacity - Rear Axle	33000		Truck Wheelbase		181
Rear Axle Load	30521			92.49 % Load	
Front Axle Load	15687			78.44 % Load	
				33.95 % of GVW on Front Axle	
Total Loaded Weight	46208			87.18 % Total GVWR	
GVWR	53000				
Federal Bridge Limit	48500			95.27	





Horizontal Weight Distribution - Clackamas County - Loaded Condition - Lift Axle Raised

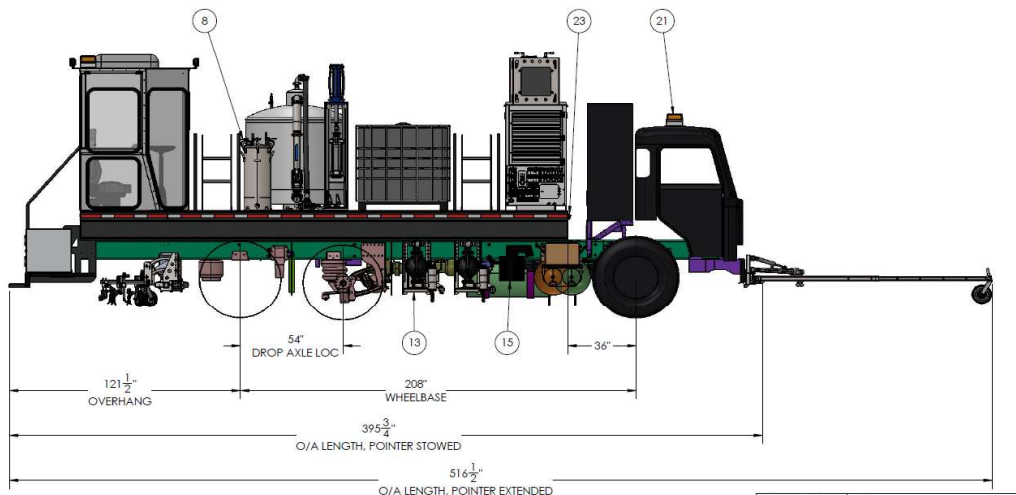
Item	Weight Empty	Weight Loaded	Location	Moment	Location from Platform Front
Boss 210 DUS	2620	2620	52	136240	16
Bead Tank	1300	6300.0	178.6	1125180	142.6
Control Consoles	500	500	244	122000	208
Driver	200	200	-12	-2400	
Fuel 100 US Gal	100	810	66.826	54129.06	30.826
Operators - Rear Cab	500	500	297	148500	261
Misc	1000	1000	164	164000	128
Flush Tank	400	400	178	71200	142
Element Bead Tank	150	880	199	175120	163
Element Bead Tank	150	880	199	175120	163
High Pressure Pumps x 2	450	450	157	70650	121
Hydraulic Reservoir and Cooler	400	400	52	20800	16
Ladders Front	75	75	85	6375	49
Ladders Rear	75	75	257	19275	221
Platform	3000	3000	164	492000	128
Outriggers + Carriage	600	600	254.2	152520	218.2
Diaphragm Pump 1	200	200	99.75	19950	63.75
Diaphragm Pump 2	200	200	123	24600	87
Paint Tote - White	100	3800	122.37	465006	86.37
Paint Tote - Yellow	100	3800	122.37	465006	86.37
Cab	1200	1200	264	316800	228
Piping	300	300	164	49200	128
Seats	100	100	279	27900	243
Steering	100	100	234	23400	198
Wiring / Electrical	400	400	164	65600	128
Rear Bumper / Steps	350	350	307	107450	271
Toolboxes - Front	100	100	308.6	30860	272.6
Vac Pump	200	400	117.5	47000	81.5
Oil Catcher	100	100	65.125	6512.5	29.125
Truck Weight Empty - Front	11251	11251			
Truck Weight Empty - Rear	5217	5217		1085136	
Sub Totals	31438	46208		5665129.56	
Payload	14770				
Rated Capacity - Front Axle	20000				
Rated Capacity - Rear Axle	20000		Truck Wheelbase		208
Rear Axle Load	27236			136.18 % Load	
Front Axle Load	18972			94.86 % Load	
				41.06 % of GVW on Front Axle	
Total Loaded Weight	46208			115.52 % Total GVWR	
GVWR	40000				
Federal Bridge Limit	48500			95.27	





Horizontal Weight Distribution - Clackamas County - Unloaded Condition - Lift Axle Raised

Item	Weight Empty	Weight Loaded	Location	Moment	Location from Platform Front
Boss 210 DUS	2620	2620	52	136240	16
Bead Tank	1300	1300.0	178.6	232180	142.6
Control Consoles	500	500	244	122000	208
Driver	200	200	-12	-2400	
Fuel 100 US Gal	100	810	66.826	54129.06	30.826
Operators - Rear Cab	500	500	297	148500	261
Misc	1000	1000	164	164000	128
Flush Tank	150	150	178	26700	142
Element Bead Tank	150	150	199	29850	163
Element Bead Tank	150	150	199	29850	163
High Pressure Pumps x 2	450	450	157	70650	121
Hydraulic Reservoir and Cooler	400	400	52	20800	16
Ladders Front	75	75	85	6375	49
Ladders Rear	75	75	257	19275	221
Platform	3000	3000	164	492000	128
Outriggers + Carriage	600	600	254.2	152520	218.2
Diaphragm Pump 1	200	200	99.75	19950	63.75
Diaphragm Pump 2	200	200	123	24600	87
Paint Tote - White	100	100	122.37	12237	86.37
Paint Tote - Yellow	100	100	122.37	12237	86.37
Cab	1200	1200	264	316800	228
Piping	300	300	164	49200	128
Seats	100	100	279	27900	243
Steering	100	100	234	23400	198
Wiring / Electrical	400	400	164	65600	128
Rear Bumper / Steps	350	350	307	107450	271
Toolboxes - Front	100	100	308.6	30860	272.6
Vac Pump	200	400	117.5	47000	81.5
Oil Catcher	100	100	65.125	6512.5	29.125
Truck Weight Empty - Front	11251	11251			
Truck Weight Empty - Rear	5217	5217		1085136	
Sub Totals	31188	32098		3531551.56	
Payload	910				
Rated Capacity - Front Axle	20000				
Rated Capacity - Rear Axle	20000		Truck Wheelbase		208
Rear Axle Load	16979			84.89 % Load	
Front Axle Load	15119			75.60 % Load	
				47.10 % of GVW on Front Axle	
Total Loaded Weight	32098			80.25 % Total GVWR	
GVWR	40000				
Federal Bridge Limit	48500			66.18	





4810 North Basin North Portland OR 97217

October 28, 2025

Mike Lindell
Core Equipment Inc
423 Lakeshore Rd
St Catharines, ON L2R 7K6

Dear Mike:

Thank you for the opportunity to quote your next equipment purchase. Please find enclosed pricing and specifications on a customized 2027 Peterbilt 520 4x2 with Pusher Axle.

If you have any questions or additional equipment that you would like to add to the quote, please don't hesitate to call me directly on my cell phone 503-347-0728.

2027 Peterbilt 520 4x2 with Pusher Axle (Clackamas County)
Quote # QUO-1213237-Q8N3D6

Cab and Chassis Price with CAT Tax (No FET).....\$202,747.00

Per Oregon State Contract #PO - 10700-00012815

Sincerely,

Joe Tannler

Joe Tannler
New and Used Truck Sales
Jackson Group Peterbilt
jtannler@JGPETE.com
503-347-0728

Accepted By X _____
Dated ___/ ___/ 2025
Check # _____

Ride for the Brand



Jackson Group Peterbilt- Portland (O240)
5555 N Lagoon Ave
Portland, Oregon 84127

CORE EQUIPMENT INC
3825 23RD ST
BAKER CITY, Oregon 97814
United States of America

Joe Tannler
Cell Phone: 503-347-0728
Office Phone: 503-285-7771
Email: jtannler@jgpete.com

MIKE LINDELL
Cell Phone: 541-377-6244

Vehicle Summary

Unit		Chassis	
Model:	Model 520	Fr Axle Load (lbs):	20000
Type:	Full Truck	Rr Axle Load (lbs):	23000
Description 1:	520 4x2 Plus Pusher	G.C.W. (lbs):	43000
Description 2:	Clackamas County		
Application		Road Conditions:	
Intended Serv.:	Construction/Block	Class A (Highway)	100
Commodity:	Other Commodity	Class B (Hwy/Mtn)	0
		Class C (Off-Hwy)	0
Body		Class D (Off-Road)	0
Type:	Paint Striper/Removal	Maximum Grade:	6
Length (ft):	24	Wheelbase (in):	208
Height (ft):	13.5	Overhang (in):	134
Max Laden Weight (lbs):	7000	Fr Axle to BOC (in):	0.1
Trailer		Cab to Axle (in):	207.9
No. of Trailer Axles:	0	Cab to EOF (in):	341.9
Type:		Overall Comb. Length (in):	399.3
Length (ft):	0	Special Req.	
Height (ft):	0		
Kingpin Inset (in):	0		
Corner Radius (in):	0		
Restrictions			
Length (ft):	40		
Width (in):	102		
Height (ft):	13.5		

Approved by: _____

Date: _____

Note: All sales are F.O.B. designated plant of manufacture.



Sales Code	Std/Opt	Description	Weight
Base Model			
0005201	S	Model 520 Peterbilt's Model 520 is built to withstand the harsh demands of the refuse industry. The rugged, aluminum cab delivers best-in-class durability for increased uptime and lap seam construction on a zinc-coated steel sub-frame for corrosion resistance. Bulkhead-style doors provide years of watertight performance. This low-cab forward vehicle adds a new dimension of productivity and versatility. An industry-leading, 65-degree cab tilt enhances maintenance and serviceability. Body installation is cost effective and efficient and the center console provides convenient access to body control integration points.	16,475
0091200	O	Other Commodity	0
0093070	O	Construction/Block Truck or tractor used in the construction industry. Use typically involves operating on the job site, delivering construction materials, or to position equipment (crane) for its intended use at the construction site. Includes such activities as water tanker and delivery of precast concrete, bricks, blocks, and bag cement.	0
0095440	O	Paint Striper/Removal	0
0098170	S	United States Registry Canadian Registry Package Requires Air Conditioning Excise Tax Canada, Speedometer to be KPH ipo MPH, Daytime Running Lights and Rubber Battery Pad in Bottom of Battery Box.	0
Configuration			
0200700	S	Not Applicable Secondary Manufacturer	0
Frame & Equipment			
0514170	O	10-3/4" Steel Rails 343-450" 10.75x3.5x.375 Dimension, 2,136,000 RBM; Yield Strength: 120,000 psi. Section Modulus: 17.8 cubic inches. Weight: 1.74 lbs/inch pair	411
0601500	O	Full Steel Inner Liner	809
0644090	S	EOF Square without Crossmember End-of-frame square without crossmember. For use with body builder installed crossmember.	0
0651090	S	Omit Rear Mudflaps and Hangers	0
0713130	O	(2) Solid Mount Cable Hooks	40
Front Axle & Equipment			
1011890	S	PACCAR FX-20 Steer Axle 20,000 lbs. 4" Drop Axle is designed for applications with a gross axle weight rating (GAWR) of 20,000 pounds. Front axle is designed for demanding applications such as construction, heavy haul, refuse, and other	0

Price Level: August 1, 2025

100% Complete

Date: October 28, 2025

Deal: 520 4x2 Plus Pusher

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Sales Code	Std/ Opt	Description	Weight
		vocational uses. Robust forged steel beam construction for long-lasting performance. It utilizes innovative tapered kingpin roller bearings for more efficient operation and improved steering efficiency.	
		The PACCAR Steer Axle comes standard with the PACCAR warranty of 5 years, 750,000 miles.	
1114030	S	Taper Leaf Springs, Shocks 20,000 lb Standard with Heavy Resistance Shocks.	0
1243010	S	Power Steering Sheppard M100 Dual Gear For use with 16,000 to 20,000 lb. axle ratings. Glidekote splines on steering shaft extend service life of components.	0
1354850	S	PHP10 Iron PreSet PLUS Hubs - Air Disc Preset iron hub assemblies are designed for demanding conditions and require less maintenance while still offering dependability and superior performance. Precisely engineered to minimize roller stress under heavy loads and increase bearing life when used in demanding conditions such as wide-based single wheels and misalignment due to spindle wear.	0
1380290	S	Bendix Air Disc Front Brakes Bendix air disc front brakes use a floating caliper design to provide foundation braking on all axles and complies with reduced stopping distance regulations.	0
1380490	O	PACCAR FX Wide Track IPO Standard 71in KPI IPO 69in front axle for improved turning radius.	0
Rear Axle & Equipment			
1513180	O	Dana Spicer S23-190 23,000 lb (120 day material lead time) Laser factory axle alignment to improve handling & reduce tire wear. Magnetic rear axle oil drain plug captures & holds any metal fragments in drive axle lube to extend service life. Parking brakes on all drive axles for optimal performance. Cognis EMGARD FE 75W-90 synthetic axle lube provides over 1% fuel economy improvement. Reduces wear & extends maintenance intervals, resulting in increased uptime. Provides improved fluid flow to protect components in extreme cold conditions & withstand the stress from high temperatures, extending component life.	-2,384
1604126	O	Hendrickson EXS13 Self-Str Pusher 13.5K Lb, Includes (1) Air Tank	1,114
1607154	O	54in Pusher Axle Spacing From Centerline of Forward Drive Axle	0
1615170	O	PHP10 Aluminum PreSet PLUS Hubs, Cast Drums With 13.5K or 20K Self-Steering Pusher Axles	0
1616305	S	PHP10 Iron Preset + Hubs - Air Disc	0
1616310	O	Severe Service Disc Brake Rotor Severe Service Disc Brake Rotor for refuse applications.	0
1680280	O	Bendix Smart ATC Traction Control	2
1680500	S	SBM Valve	0

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Sales Code	Std/ Opt	Description	Weight
		Full trucks require a spring brake modulation (SBM) system for emergency braking application. This system requires an SBM valve and a relay valve with spring brakes on the rear axles. The SBM valve allows the foot valve to operate the rear axle spring brakes if a failure exists in the rear air system.	
1681390	O	High Entry, Drive Axle(s) Designed for demanding vocations, including LTL, double and tripler trailer linehaul, construction, refuse, city delivery, fire and rescue, built to be durable with less required maintenance.	0
1682425	O	Bendix ABS Parameter For Rail/Drilling Mode To enter Rail/Drilling mode, a ground signal will need to be applied to the Bendix ECU cavity pin X3-1. The cavity pin noted is open on all current Bendix ECUs. The ECU will remain in this mode by applying and retaining a ground signal to the noted pin. This cavity is currently open and the dealership/body builder will need to install a F/O switch and wire to the designated cavity.	0
1682430	S	Anti-Lock Braking System (ABS) 4S4M ABS-6. Includes air braking system.	0
1684200	S	Synthetic Axle Lubricant All Axles Peterbilt heavy duty models include Fuel Efficient Cognis EMGARD FE75W-90 which provides customers performance advantages over current synthetic lubricants with reduced gear wear and extended maintenance intervals, resulting in increased uptime. In addition, the lubricant provides improved fluid flow to protect gears in extreme cold conditions and withstand the stress from high temperatures, extending component life.	0
1685410	O	Lift Axle Regulator MTD on Crossmember Switch(s) in Dash & Gauges(s) in Driver Info Display	6
1685460	O	Stowed Lifted Axle Higher To Maximize Ground Clearance	0
1687080	O	Air Disc Rear Brakes, Single Drive Axle	0
1704780	O	Ratio 4.78 Rear Axle	0
1811210	O	Peterbilt Air Trac 23,000 lb Light Weight	-615
1920385	O	Air Springs, Internal Bumpers Air Trac / Air Leaf suspensions	0
1922260	O	Dash Mtd Dump Switch with Indicator Light Dash mounted dump switch with indicator light for suspension.	2
Engine & Equipment			
2074808	S	PACCAR PX-9 360@2000 GOV@2200 1150@1200 Productivity (2024 Emissions) N21350 C121 62....Maximum Accelerator Pedal Ve N21370 C128 62....Maximum Cruise Speed (P059) N21460 C132 1400..Max PTO Speed (P046) N21520 C133 120...Timer Setting (P030) N21610 C188 39....Low Ambient Temperature Thre	0

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Sales Code	Std/Opt	Description	Weight
		N21620 C189 60....Intermediate Ambient Tempera	
		N21630 C190 80....High Ambient Temperature Thr	
		N21550 C206 35....Engine Load Threshold (P516)	
		N21340 C209 120....Hard Maximum Speed Limit (P1	
		N21510 C225 NO....Enable Idle Shutdown Park Br	
		N21450 C231 NO....Gear Down Protection (P026)	
		N21570 C233 YES....Idle Shutdown Manual Overrul	
		N21440 C234 YES....Engine Protection Shutdown (	
		N21480 C238 NO....Auto Engine Brake in Cruise	
		N21470 C239 NO....Cruise Control Auto Resume (	
		N21430 C333 0.....Reserve Speed Limit Offset (	
		N21410 C334 0.....Maximum Cycle Distance (N202	
		N21590 C382 YES....Enable Hot Ambient Automatic	
		N21500 C395 0.....Expiration Distance (N209)	
		N21530 C396 YES....Enable Impending Shutdown Wa	
		N21540 C397 60....Timer For Impending Shutdown	
		N21320 C399 100....Standard Maximum Speed Limit	
		N21400 C400 252....Reserve Speed Function Reset	
		N21420 C401 10....Maximum Active Distance (N20	
		N21330 C402 0.....Expiration Distance (N207)	
2091120	S	EMUX Electronics Architecture	0
2091305	O	Engine Idle Shutdown Timer Enabled	0
2091315	O	Enable EIST Ambient Temp Override	0
2091372		Eff EIST NA Expiration Miles	0
2091640		Effective VSL Setting NA	0
2092014	O	Typical Operating Speed 65 MPH	0
2092032	O	Powertrain Optimized for Performance Best analysis for vehicles used in vocational applications or with heavy GCWRs.	0
2140450	O	Remote PTO/Throttle, 12-Pin Eng Bay Remote Control Provision	0
2140670	O	EPA Emission Warranty	0
2140700	S	EPA Engine Idling Compliance	0
2147460	S	Bed Plate for PX-9, L9N Engines Designed to increase engine longevity by incorporating a stiffener bracket on the bottom side of the engine, inside the oil pan, for additional reinforcement. Required for all PX-9/L9N refuse applications and recommended for other high load 9-liter applications.	0
2511450	O	270 Amp Alternator, Standard Brush	10

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Sales Code	Std/ Opt	Description	Weight
		12 Volt system with circuit protection for reliable easy maintenance & service. Weather pack silicone sealed electrical chassis connectors enhance value, durability, reliability. Wires numbered every 4" or less.	
2521090	O	Immersion Type Block Heater 110-120V Standard location is left-hand under cab, Model 520 is in bumper, and for Model 220 it is at the driver step. Plug includes a weather-proof cover that protects the receptacle. This pre-heater keeps the coolant in the engine block from freezing when the engine is not running.	2
2522110	O	PACCAR 12V Starter, N/A PACCAR MX Engines PACCAR 12-volt electrical system. With centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.	0
2538040	S	3 PACCAR Premium 12V Dual Purpose Batt 2190 CCA Threaded stud type terminal. Stranded copper battery cables are double aught (00) or larger to reduce resistance.	0
2539220	O	Battery Jumper Terminals Mtd In Front Of Battery Box	4
2539740	O	Kissling Battery Disconnect Switch 300AMP Dual Tab Mounted on Battery Box	3
2621000	S	2-Speed Fan Clutch For Frequent Start/Stops A 2-speed fan clutch is ideal for vocational applications where the fan clutch engagement time exceeds 10% of the engine run time. When the fan clutch is disengaged, the fan still rotates at 15-25% of the engine RPM. This fan rotation provides crucial airflow to the engine and draws virtually no horsepower.	0
2723210	S	18.7 CFM Air Compressor N/A X15. Furnished on engine. Teflon lined stainless steel braided compressor discharge line.	0
2812140	O	C-Brake By Jacobs, PX-9 Features a dedicated cam lobe design for optimum power and three-stage engine brake operation.	90
2921110	S	PACCAR Fuel/Water Separator Standard Service PACCAR Fuel/Water separator standard service intervals. High efficiency media protects critical engine components.	0
2921210	S	No Fluid Heat Option for Fuel Filter	0
2921310	S	No Electric Heat Option for Fuel Filter	0
3114270	S	High Efficiency Cooling System Cooling module is a combination of steel and aluminum components, with aluminum connections to maximize performance and cooling capability. Silicone radiator & heater hoses enhance value, durability, & reliability. Constant tension band clamps reduce leaks. Chevron Delo Extended Life Coolant (NOAT) extends maintenance intervals reducing maintenance costs. Anti-freeze effective to -30 degrees F helps protect the engine. Low coolant level sensor warns of low coolant condition to prevent engine damage. Radiator Size by Model: 520 1242 sq in, 579 1325 sq in, 535/536/537/548 949.3 sq in, 537/548 VOC 1000.3 sq in, 567 1440 sq in, 589 1604 sq in.	0
3120320	O	Bugscreen	5

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Sales Code	Std/ Opt	Description	Weight
3120450	S	Stainless Steel Grille	0
3261980	S	Heavy Duty Air Cleaner Molded rubber air intake connections with lined stainless steel clamps seal to prevent contaminants in air intake.	0
3367200	S	Exhaust Vertical LH DPF/SCR LH Back of Cab Vertical, Single Module	0
3381770	O	Curved Tip Standpipe(s)	1
3387870	S	24" Ht, 5" Dia Chrome, Clear Coat Standpipe(s)	0

Transmission & Equipment

4052970	O	Allison 4500 RDS-P Transmission, Gen 6 Rugged Duty Series	390
4210280	O	1810 HD Driveline, 2 Midship Bearings 4.5in x .180 wall tubing	140
4252890	O	Allison FuelSense Not Desired Dynamic Shift Sensing	0
4252940	S	Allison Neutral At Stop Neutral at Stop features and benefits: Reduces or eliminates the load on the engine when vehicle is stopped, can help lower fuel consumption and CO2 emissions, and is included in FuelSense 2.0 Plus and Max packages only.	0
4256020	S	Console Mounted Push Button Shifter	0
4256730	O	Allison 5-Speed Configuration, Wide Ratio Gears Allison 4500 transmission only	0

Air & Trailer Equipment

4510210	S	Bendix AD-HF EP Air Dryer, Heater Coalescing filter, extended purge. Bendix AD-HF air filters protects the life of your engine system and components. Proven PuraGuard oil coalescing technology in the air dryer cartridge. This oil coalescing filter ensures the removal of oil and oil aerosols before they can contaminate the moisture removing desiccant.	0
4520420	O	Pull Cords All Air Tanks	1
4540420	S	Nylon Chassis Hose	0
4543320	S	Steel Painted Air Tanks All air tanks are steel with painted finish except when Code 4543330 Polish Aluminum Air Tanks is also selected (then exposed air tanks outside the frame rails will be polished aluminum). Peterbilt will determine the optimal size and location of required air tanks. Narratives requesting a specific air tank size or location will not be accepted for	0

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Sales Code	Std/ Opt	Description	Weight
		factory installation. See ECAT to determine number or location of air tanks installed.	
4612000	O	Route AE Lines To Allow Welding Of Sub Frame To top of frame 8" forward of back-of-cab to end-of-frame	0
Tires & Wheels			
5064010	O	FF: BR 20ply 315/80R22.5 M870 Efficiency Rating: Fair Diameter= 42.8 inches; SLR= 19.9 inches The Bridgestone M870 is a high scrub All-Position Radial tire designed specifically for urban waste collection.	-4
5169310	O	RR: BR 16ply 11R22.5 M799 Efficiency Rating: Poor Diameter = 42.0 inches; SLR = 19.5 inches	16
5190004	O	Code-rear Tire Qty 04	0
5220520	O	FF: Alcoa 89U637 22.5 X 9.00 High Polish Aluminum, Ultra ONE technology that saves more than 50 lbs. versus a comparable steel wheel. Built for refuse, logging, mining and other heavy haul applications that demand a tough wheel. Each wheel offers a 10,000 lbs. load rating.	-110
5320790	O	RR: Alcoa 880677 22.5X8.25 High Polish Alum	-160
5390004	O	Code-rear Rim Qty 04	0
5476896	O	PR: (2) BR 16ply 255/70R22.5 R250ED (1) self-steering pusher axles. Diameter= 36.7 inches; SLR= 17.2 inches	190
5482079	O	PR:(2)Alcoa 880677 22.5X8.25 High Polish Alum (1) Self-Steering Pusher Axle	79
Fuel Tanks			
5552190	O	26" Aluminum 100 Gallon Fuel Tank RH BOC Paddle handle filler cap with threadless filler neck. Top draw fuel plumbing reduces chance of introducing air into the fuel system during low fuel level conditions due to the central placement of fuel pickup tube. Wire braid fuel lines increase durability & reduce potential for leaks.	18
5603100	O	Location RH BOC 100 Gallon	0
5650490	S	Fuel Cooler Required with single fuel tank	0
5652890	S	DEF Tank Mounted LH BOC Models 220 and 520 mounted left hand back-of-cab.	0
5652980	S	DEF To Fuel Ratio Between 1:1 And 2:1	0
5655069	S	DEF Tank 520, 7.3 Gal	0

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Sales Code	Std/ Opt	Description	Weight
Battery Box & Bumper			
6021500	S	Steel Space Saver Battery Box LH Back Of Cab	0
6030360	O	Mount Space Saver Battery Box Top Of Box 8" Below top of frame	0
6121700	S	Steel Bumper Channel Painted Includes two front tow eyes with pins	0
Cab & Equipment			
6501080	S	53" LCF ProBilt Cab LH Drive Includes steel frames with alum and fiberglass panels, all alum doors, dual door stops, door locks, tinted safety glass thru-out, cab and door mounted entry grab handles, 65 degree hydraulic tilt, stainless steel grille, dual rear cab fenders, service module BOC (cab tilt pump, oil fill and dipstick, coolant fill and check, fluid fill and dipstick for auto trans), door mounted armrests, power windows, doghousefull insulation, rubber floor mats, ergonomic center control console, removable instrument panel, Driver Information Display, LED backlit gauges, adjustable side flip-down interior sunvisor, 16" steering wheel with integrated horn button, tilt/telescopic adjustable column, over-door storage, driver and passenger side cup holders, USB charging port and 12VDC charging outlet, header includes HVAC controls and 12V power connection behind header cover, rear cab corner windows, 18" bolt-on step each side, self-canceling turn signals and front directional and side mounted turn signals.	0
6540020	O	Key All Units Alike Please add your 3 digit key code number in the key code field.	0
6540160	S	Thermal Insulation Package in Cab The thermal insulation package is designed to make the cab thermally efficient in extreme temperatures. The model 520 adds insulation surrounding the doghouse to reduce engine heat transmitted to the cab.	0
6541176		KEY G176	0
6800500	S	4.5" Rubber Flares On Cab And wheel well fenders	0
6911720	S	Peterbilt Driver Seat	0
6921720	S	Peterbilt Passenger Seat	0
6930500	O	Drivers Armrest - RH Only	2
6939400	O	Air Ride Driver	43
6939440	S	Low Back Driver	0
6939480	O	Mordura Driver	0
6939500	O	Air Ride Passenger	43

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Sales Code	Std/ Opt	Description	Weight
6939540	S	Low Back Passenger	0
6939580	O	Mordura Passenger	0
7000000	S	Gray Interior Color Includes ABS Gray Headliner & Rear Cab Panel, Gray Vinyl Engine Tunnel Cover. For LH, RH, and Dual Steer Dual Seated Power Windows are standard on both doors. For Dual Steer RH stand-up the LH Window is Power and the RH Window is a Manual Sliding window.	0
7001520	S	Adjustable Steering Column - Tilt/Telescope	0
7001620	S	Steering Wheel With Peterbilt Logo Steering Wheel with embossed Peterbilt logo over horn button.	0
7040060	O	Diamond Plate Floor Covering LH/RH ipo Floormat In Dual Steer application RH Diamond Plate covering is standard. Single drive applications the Diamond Plate is optional.	13
7110680	S	Exterior Cab Entry Grabhandle Textured; NFPA compliant. Available on Day Cab specifications only.	0
7220130	S	Rear Window Back of Cab Standard Tint 18.5in X 54in	0
7230350	S	2-Piece Flat Windshield	0
7322010	S	Combo Fresh Air Heater/Air Conditioner With radiator mounted condenser, dedicated side window defrosters, Bi-Level Heater/Defroster Controls, 54,500 BTU/HR, and silicone heater hoses.	0
7330920	O	(2) Defroster Fan On Rear Header	60
7560100	O	Mirrors SSTL Each Side Heated and Motorized with Switch on Door.	-7
7561400	O	Look Down Mirror Mounted Front Of Cab Opposite side of the driver position. Stainless steel.	0
7561450	O	(4) Convex 8 Inch SSTL Mirrors; (2) Center These optional convex mirrors provide enhanced rearward visibility by allowing the driver to see the operation of front-end loader arms or other obstacles that may interfere with operation in refuse services. The mirrors have an off-center mounting that maximizes adjustability for field of view. Dual door stops are included with these mirrors for added protection to the mirrors during cab entry and exit. Includes 4 convexed 8" stainless steel mirrors and 2 center mounted under (heated) and 2 center mounted over mirror bracket (non-heated). Includes dual door stops.	4
7610020	S	(1) Air Horn 15" Painted Mounted under cab.	0
7722120	O	ConcertClass, AM/FM, Weatherband, 3.5 Aux	10
7725740	O	Midlevel Speaker Package For Cab	6

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Sales Code	Std/ Opt	Description	Weight
		(4) Speakers	
7728020	O	Bluetooth Located On Driver Side	0
7728030	O	Radio Mute When In Reverse For automatic or automated transmission	0
7728040	O	Bluetooth Phone and Audio Requires USB Port	0
7728050	O	USB Port	0
7788335	S	Global Telematics Hardware	0
7851330	O	Cab Tilt Pump Air Assist	0
7851870	O	Rain Gutters Over Driver and Passenger Doors	8
7852150	S	Peterbilt Pantograph Windshield Wipers With intermittent feature.	0
7900090	O	Triangle Reflector Kit, Ship Loose Florescent triangle emergency road flares are designed to meet and exceed all DOT standards.	13
7900270	O	Fire Extinguisher, Cab Mounted Hazmat approved UL listed/rated ABC	12
7901130	O	Backup Alarm (107 DB)	3
8011800	O	Drive Axle #1 Front Oil Temperature Gauge Located in Digital Cluster Display.	0
8011850	S	Transmission Oil Temperature (Main) Located in Digital Cluster Display.	0
8021315	S	Air Restriction Indicator Mounted on exhaust stanchion	0
8021860	O	Suspension Air Pressure 1 (Load) Located in Digital Cluster Display	0
8070110	O	(5) Additional Dash Switches with Wiring Located on dash panel C. Availability subject to dash space. Includes 4" 14 gauge wire with butt splice at rear of each additional switch.	4
8070390	O	Engine Hourmeter Gauge Located in Digital Cluster Display	0
8070450	O	Engine PTO Hourmeter Gauge Located In Digital Cluster Display	0
8070810	O	Engine Manifold Pressure (Turbo Boost) Located in Digital Cluster Display	0
8070820	O	Engine Percent Torque Located in Digital Cluster Display	0
8070860	O	Main Instrumentation Panel Digital Cluster 7" Display includes: Physical (Analog) - Speedometer, Tachometer, Oil Pressure, Coolant Temp and Display Gauges - Fuel Level, DEF Level, DPF Filter Status, Fuel Economy, Volts Telltale, OAT and Primary Air Pressure, Secondary Air Pressure for air brake trucks.	0

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Sales Code	Std/ Opt	Description	Weight
8070890	O	Pusher Axle Pressure 1 Located in Digital Cluster Display	0
8070940	O	Voltmeter Gauge (MD/520 Only) Located in Digital Cluster Display	0
8110150	O	Headlights Single Rectangular LED Model 520 LED headlights provide outstanding brightness and coverage that can help with driver eye-fatigue. LED headlights are easy to install, long lasting, energy efficient and cost effective and they provide improved headlight brightness.	0
8120570	S	(5) LED Clearance With (2) LED Marker Lights Includes (5) lights mounted on roof of cab and (1) cab side marker light mounted in front of each cab door	0
8134160	O	Self-Canceling Turn Signal	2
8153100	O	(1) F/O Load Light, Switch, 10' Wire Coil Under / in cab / sleeper baggage compartment	2
Paint			
8500710	S	Standard Paint Color Selection	0
8530770	O	(1) Color Axalta Two Stage - Cab/Hood Base Coat/Clear Coat N85020 A - L0006EY WHITE N85700 BUMPER L0001EA BLACK N85500 CAB ROOF L0006EY WHITE N85200 FRAME L0001EA BLACK	0
Shipping Destination			
Options Not Subject To Discount			
9400090	S	Peterbilt Class 8 Standard Coverage 1 year/100,000 Miles (160,000 km)	0
9400094	S	PACCAR PX-9 Standard Coverage 2 yrs/250,000 mi (402,336 km)/6,250 hrs	0
9407147	O	Fuel Price Index Factor \$0 NET	0
9408529	O	Allison Surcharge 4000 Series Transmission	0
9408634	O	SmartLINQ RD - 5YR Sub PACCAR PX Engines	0
9408703	O	Base Warr: Emissions 5YR/100K MI-EPA Engine	0
Miscellaneous			
9409087	O	State Of Registry: Oregon	0
9409645	O	Model Year 2025 Engine	0

Price Level: August 1, 2025

Deal: 520 4x2 Plus Pusher

Printed On: 10/27/2025 11:47:47 PM

100% Complete

Date: October 28, 2025

Quote Number: QUO-1213237-Q8N3D6



<i>Sales Code</i>	<i>Std/ Opt</i>	<i>Description</i>	<i>Weight</i>
9409749	O	2024 Series Emissions Engine	0

Promotions

Special Requirements

Special Requirement 1 0098170
Special Requirement 2
Special Requirement 3
Special Requirement 4

Order Comments



Total Weight (lbs)

16,753

Any price increase as the result of force majeure, rising costs of components (including but not limited to material shortages) or government tariffs are not included in the quoted price and will be the financial responsibility of the customer.

Prices and Specifications Subject to Change Without Notice.

Unpublished options may require review/approval.

Dimensional and performance data for unpublished options may vary from that displayed in CRM.

PRICING DISCLAIMER

While we make every effort to maintain the web site to preserve pricing accuracy, prices are subject to change without notice. Although the information in this price list is presented in good faith and believed to be correct at the time of printing, we make no representations or warranties as to the completeness or accuracy of this information. We reserve the right to change, delete or otherwise modify the pricing information which is represented herein without any prior notice. We carefully check pricing specifications, but occasionally errors can occur, therefore we reserve the right to change such prices without notice. We disclaim all liability for any errors or omissions in the materials. In no event will we be responsible for any damages of any nature whatsoever from the reliance upon information from these materials. Please check your order prebills to confirm your pricing information



Price Level: August 1, 2025
Deal: 520 4x2 Plus Pusher
Printed On: 10/27/2025 11:47:47 PM

100% Complete

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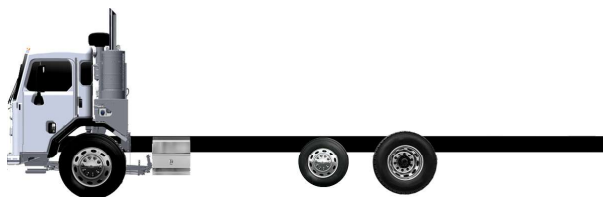


Shipping Destinations

Intermediate Destination: NONE

Final Destinations	Quantity
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FRAME RAKE

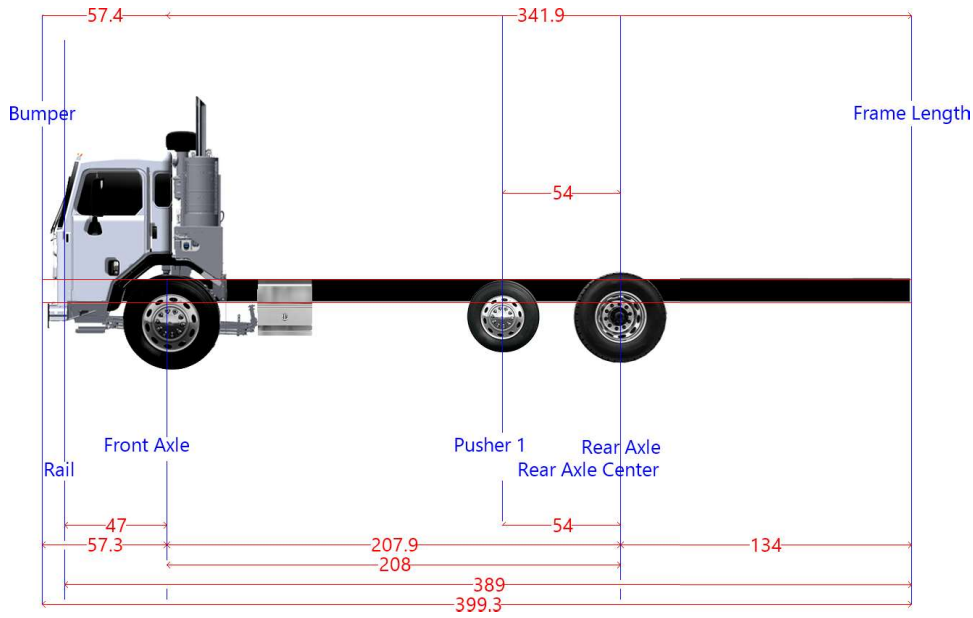


The listed heights should be considered approximations due to variations which may occur in component manufacturing processes, spring set, and the way in which the vehicle is loaded.

Component	Sales Code	Description	Laden	Unladen
Frame	0514170	10-3/4" Steel Rails 343-450"	10.8	10.8
Front Spring	1114030	Taper Leaf Springs, Shocks 20,000 lb	7.4	9.7
Front Axle Drop 3.5"	1011890	PACCAR FX-20 Steer Axle 20,000 lbs. 4" Drop	-0.5	-0.5
Height Adj.		25mm Front Spring Spacer Blocks	1.0	1.0
Front Tires	5064010	FF: BR 20ply 315/80R22.5 M870	19.9	20.6
Front Frame Height			38.5	41.5
Frame	0514170	10-3/4" Steel Rails 343-450"	10.8	10.8
Subframe				
Suspension	1811210	Peterbilt Air Trac 23,000 lb Light Weight	11.0	11.4
Rear Tires	5169310	RR: BR 16ply 11R22.5 M799	19.5	20.7
Rear Frame Height			41.3	42.8
Frame Rake			2.8	1.3
Frame Rake Slope (%)			1.3	0.6

These characteristics are considered to be out of standard range:
Laden rake more than 1% of wheelbase from level (positive or negative).

HORIZONTAL DIMENSIONS



Dimension	Measurement	Start	End
Axle Spacing	0	208	208
Bumper to Back of Cab	57.4	-57.3	0.1
Bumper to Front Axle	57.3	-57.3	0
Bumper to Front Frame	10.3	-57.3	-47
Cab to End of Frame	341.9	0.1	342
Cab to Rear Axle	207.9	0.1	208
Effective Bumper to Back Of Cab	57.4	-57.3	0.1
Frame Length	389	-47	342
Front Axle to Back of Cab	0.1	0	0.1
Front of Frame to Axle	47	-47	0
Load Space	341.9	0.1	342
Overall Length	399.3	-57.3	342
Overhang	134	208	342
Pusher Offset #1	-54	208	208
Pusher Offset #2	0	208	208
Pusher Offset #3	0	208	208
Tag Offset	0	208	208
Wheelbase	208	0	208

WEIGHT DISTRIBUTION

Model: 520

Actual performance of a specific unit can be affected by your operating conditions. The performance calculations should only be used as a guideline.

Error rendering composition 'Truck-Left'

The operation completed successfully

Recommended payload center of gravity to achieve specified ground loads; **Lift Axles Down** ☒
measured from centerline of drive axles: 59 in. from the centerline of the drive axle(s)."

Weight (lbs)	Front	Pusher 1	Rear	Total
Chassis	11367	0	4003	15370
Lift Axle	0	1383	0	1383
Tools/Driver	420	0	-45	375
Fuel & DEF	555	0	233	788
Max Payload	7657	9637	18810	36104
Auxiliary Payload	0	0	0	0
Total	20000	11020	23000	54020
Specify Ground Load	20000	11020	23000	

Auxiliary Payload

Item	Location from FA CL	Weight	Point Description
Load Point #1	0	0	
Load Point #2	0	0	
Load Point #3	0	0	
Component(s)	-	0	Composite Totals

Fifth wheel slide length is **0** inches
Selected rearmost setting is **0** inches
Wheelbase measurement: **208** inches
Overhang measurement: **134** inches

Error rendering composition 'Truck-Top'
The operation completed successfully

Note: The image displayed is representative only. It should not be construed as a layout diagram.
Dimensions and components are not to scale.

Selected Options (Wheelbase: 208)

Sales Code	Description	Length	Side
5655069	DEF Tank 520, 7.3 Gal	25	Left
5552190	26" Aluminum 100 Gallon Fuel Tank RH BOC	50.45	Right
6021500	Steel Space Saver Battery Box LH Back Of Cab	25.1	Left