

February 2, 2023

City of Independence
1030 S Crysler Ave
Independence, MO 64052

ID# 38294

Re: Sourcewell Contract #080521-EZL Purchase of EZ Liner Model PS-AL110 Palletized WindRunner Striping Machine

Kyle Cain,

Thank you for the opportunity to submit a proposal for the purchase of an EZ Liner Model PS-AL110 palletized paint striping body. The proposal on the paint striping body is based upon EZ Liner's Sourcewell Contract No. 080521-EZL.

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

1. Proposal Price Sheet for the palletized paint striping body only (truck chassis not included).
2. A copy of EZ Liner's "Sourcewell Contract No. 080521-EZL-Specifications for EZ Liner Model PS-AL110 Base Unit Product Code #18E-WindRunner dated 08/05/2021.
3. A copy of the City's custom designed specifications for an Airless Striping Machine dated 01/31/2023.
4. A comparison document comparing EZ Liner's Sourcewell specifications and the City's specifications summarizing the changes.
5. Technical literature outlining what EZ Liner is proposing to provide.

This quote includes a one-year limited factory EZ Liner equipment warranty.

The estimated availability of the completed unit shall be 90 days ARO. EZ Liner production slots are issued based on receipt date of this executed agreement per the terms and conditions of this proposal. In the current post-pandemic market, global supply disruptions may cause shipment delays. Where the delivery of materials is delayed beyond the control of EZ Liner, EZ Liner shall not be liable for any additional costs or damages associated with such delays.

All prices quoted are valid for 30 days from the date of this proposal. All sales are FOB Orange City, Iowa. Freight quotes provided are estimated and subject to change. If the equipment is shipped, actual freight cost will be invoiced at the time of shipment. Payment terms are full balance due and payable within 30 days after shipment or pick up of the completed unit.

Any applicable federal, state, and local taxes, duties, fees, licenses, and other government charges in connection with this agreement are not included in pricing and are the responsibility of the customer.

Any surcharges imposed upon EZ Liner by its supplier(s) may be passed on as additional charges to this agreement and shall fall under the same terms and conditions as this agreement. Such surcharges shall be documented with supplier notices or invoices.

If, during the performance of this agreement, the cost of materials significantly increases, through no fault of EZ Liner, the price of this agreement may be equitably adjusted by a reasonably necessary amount. As used herein, from the date of this quote a significant cost increase shall mean any increase in cost of materials which is abnormal, atypical, and typically would exceed seven percent (7%). Such increases in material cost shall be supported by quotes, invoices, or receipts.

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

Loren Wynia
Territory Sales Manager
loren.wynia@ezliner.com
712-539-9278

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

Respectfully submitted,

CUSTOMER APPROVAL:

Vogel Traffic Services, Inc. dba EZ Liner
Signature Rob Krommendyk
February 2, 2023
Rob Krommendyk
Design & Bid Project Manager II

City of Independence, MO
Signature _____
Date _____
Printed Name _____
Title _____

February 2, 2023

City of Independence
1030 S Crysler Ave
Independence, MO 64052

ID# 38294

Re: Sourcewell Contract #080521-EZL Purchase of EZ Liner Model PS-AL110 Palletized
WindRunner Striping Machine-**Price Sheet**

<u>Item</u>	<u>Description</u>	<u>List Price</u>
18H	PV-AL110 WindRunner (new design dual carriage)	\$ 86,434.00
18E-03-02	Drum mounted agitators (\$1,415 x2)	2,830.00
18E-04-03	Handgun and 25' hose (paint line only)	883.00
18E-04-09	Gun Actuator per gun (\$771 x 3)	2,313.00
18E-04-10	Add'l paint pump	9,464.00
18E-04-11	Surge chamber (\$2,464 x2)	4,928.00
18E-07-02	Laser Guidance System	5,600.00
18E-07-06	Hard wired intercom system	4,103.00
18E-08-08	Mechanical line guide (not installed)	816.00

Subtotal	\$117,371.00
7% Discount	(8,216.00)

Net Amount Published Pricing	\$109,155.00
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Sourced Goods

2 nd operator seat assembly	\$ 1,159.00
One-Day Training Session	2,175.00
Delivery F.O.B. Independence, MO	1,965.00

Total for Sourced Goods	<u>\$ 5,299.00</u>
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TOTAL AMOUNT	\$114,454.00
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Respectfully submitted,
EZ LINERRob Krommendyk
Truck Project Design & Bid Manager II

EZ LINER MODEL ValuLiner, Product Code #18H

CHASSIS & PAINT STRIPING BODY

Item	Description	List Price
18H-Cascade	TV-AL110 Cascade	\$ 182,972
18H-Arapahoe	TV-AL230 Arapahoe	\$ 303,122
18H-Teton	TV-AL500 Teton	\$ 382,713
18H-WindRunner	PV-AL110 WindRunner (Dual Carriage)	\$ 86,434
FOB FACTORY. TRAINING AND DELIVERY PRICED SEPARATELY.		
A 7% DISCOUNT ON BASE UNIT AND OPTIONS ITEMS LISTED ON THIS PRICING PAGE		
IS AVAILABLE TO SOURCEWELL MEMBERS.		
EFFECTIVE DATE: JUNE 2022.		

EZ LINER MODEL PS-AL110, Product Code #18E		
WIND RUNNER PAINT STRIPING BODY ONLY		
Item	Description	List Price
18E	PS-AL110 Base Unit	\$ 69,008
18E-01-01	3rd HP Filter	\$ 1,079
18E-02-02	750# Bead Tank ILO base	\$ 2,759
18E-02-03	1500# Bead Tank ILO Base	\$ 4,590
18E-03-01	Hydraulic Agitators for Paint Tanks	\$ 2,464
18E-03-02	Drum Mount Agitators Assy (each)	\$ 1,415
18E-03-03	Mechanical Steering ILO hyd	\$ (1,925)
18E-04-01	Add'l/Reduce paint & bead line with Graco guns	\$ 4,032
18E-04-03	Hand Gun & 25' Hose (Paint Line Only)	\$ 883
18E-04-04	Hand Gun & 25' Hose (Paint & Bead Line)	\$ 1,303
18E-04-05	Pole Gun & 25' Hose (Paint Line Only)	\$ 1,527
18E-04-06	Pole Gun & 25' Hose (Paint & Bead Line)	\$ 2,227
18E-04-07	120 gal Paint Tank ILO Drum Draw	\$ 2,968
18E-04-08	Tote Draw Frame ILO Base (Drum Draw Pockets)	\$ 5,100
18E-04-09	Gun Actuator per gun	\$ 771
18E-04-10	Add'l paint pump	\$ 9,464
18E-04-11	Surge Chamber	\$ 2,464
18E-04-12	HP Crossover Plumbing	\$ 491
18E-04-13	Stroke Counter Assy (per pump)	\$ 555
18E-07-01	Manual Controller ILO Base	\$ (4,863)
18E-07-02	Laser Guidance System	\$ 5,600
18E-07-03	Intercom System	\$ 3,767
18E-07-05	Safety Light Assy	\$ 1,204
18E-07-06	Hard Wired Intercom System	\$ 4,103
18E-08-01	Hose Reel & Hand Gun (Paint Only)	\$ 2,576
18E-08-02	Hose Reel & Hand Gun (Paint & Bead)	\$ 4,551
18E-08-03	Hose Reel & Pole Gun (Paint Only)	\$ 3,024
18E-08-04	Hose Reel & Pole Gun (Paint & Bead)	\$ 4,467
18E-08-06	Forklift Pockets	\$ 1,639
18E-08-07	Removal of 2nd Edge Line Carriage from Base	\$ (2,500)
18E-08-08	Mechanical Line Guide (not installed)	\$ 816
18E-10-01	Storage Stand	\$ 1,863
18E-10-02	PS-AL110 Base Unit Recommended Spare Parts Kit	\$ 8,182
FOB FACTORY. TRAINING AND DELIVERY PRICED SEPARATELY.		
A 7% DISCOUNT ON BASE UNIT AND OPTIONS ITEMS LISTED ON THIS PRICING PAGE		
IS AVAILABLE TO SOURCEWELL MEMBERS.		
EFFECTIVE DATE: JUNE 2022.		

SOURCEWELL CONTRACT #080521
SPECIFICATIONS FOR ROADWAY MAINTENANCE EQUIPMENT
EZ-LINER MODEL PS-AL110 BASE UNIT
18E-WINDRUNNER
08/05/21

- 1.0 **Performance specification:** Unit shall be capable of applying 3" to 8" wide retro-reflective lines with spacing between lines from 0" to 6". Paint applications speeds shall be from 4 MPH to 10 MPH. Application rates of 12 mil to 15 mil wet film thickness paint for standard formulations of traffic paint and 6 to 8 lbs./gal and Type I glass beads. The unit is designed so that it operates in its own lane of traffic and applies centerline, edge lines and lane lines separately. **Single Carriage Operation-Power system and paint supply system can support one gun carriage at a time.**
- 1.0 **Equipment platform:** Unit shall be installed on a palletized skid mount and extend the length of an 8' to 10' bed. The construction shall be formed steel channel, 5" members with cross members for support. Operator's platform shall be constructed of minimum 1/8" steel. Walking area surfaces of platform shall be covered with anti-slip material. Unit shall be so constructed to evenly distribute the weight and have hooks located on the front and rear to facilitate the lifting of the unit on and off the truck chassis. Unit shall be held in truck bed by means of a zinc plated, tiedown bracket with turnbuckles on rear bumper. The frame to include the underside will be powder coated white for durability. The auxiliary engine and air compressor shall remain their original factory color and coating.
- 2.0 **Operator seat:** One (1) black vinyl covered seat with swivel mount, seat belt and armrests. Seat shall be easily moved from left side to right side of unit when switching from centerline to edge line striping.
- 3.0 **Gun carriages:** Each carriage shall be supported by a single outrigger tube retractable structural steel slide with UHMWPE bearing material and a single 4.10/3.50 10" diameter gun carriage tire installed in a center swivel. Carriages shall be supported by auto lock brackets in the transport position and adjustable gun brackets are to be zinc plated. Two (2) paint guns and two (2) bead guns installed on left gun carriage and one (1) paint gun and one (1) bead gun on the right gun carriage.
- 4.0 **Paint supply:** Two (2) side by side drum storage pockets shall extend across the width of the frame. Drum holding pockets shall be bolted to the front of the frame, capable of holding two (2) 55 gal. paint drums securely held in place with a web strap retention system. Paint re-circulation per color shall be provided to include a paint suction hose with suction tube, and bleeder line hose with tube. Two (2) 4" diameter x 43" water-tight stand tubes shall be mounted in a way that

they can be removed from the frame for ease of cleaning. These stand tubes shall be used for storage of the suction and bleeder tubes when not in use.

- 5.0 **High pressure paint pump:** One (1) Titan/Speeflo Model 989-120 paint pump with a combination of leather/UHMWPE packings rated at 8.6 GPM @ 2000 PSI shall be provided. Pump shall be equipped with an 18 sq. in. high-pressure stainless-steel paint filter with 40 mesh screen and check valve.
- 6.0 **Paint guns:** Three (3) Graco Model 238-377 paint guns with heavy duty reversible spray tips shall be provided. Full length 3/8" ID nylon lined high pressure paint hoses with 3/8" NPT plated female swivel fitting on both ends shall be provided from the HP paint pump manifold to the paint guns.
- 7.0 **Bead supply:** Bead tank to be mounted on right side on the frame and crossmember. A 500# ASME certified bead tank shall be provided.
- 8.0 **Bead guns:** Three (3) Graco Model 238-338 bead guns shall be provided. Full length 3/4" ID clear poly-spring bead hoses to be provided from the bead manifold under the bead tank to the bead guns.
- 9.0 **Air supply:** A belt driven 30 cfm air compressor shall be installed with pipe extension on the oil drain out to be easily drained. The system shall include a 2 gal. air tank and LaMan 107F extractor/ dryer with auto drain. Two (2) carriage lift valves shall be provided. Air supply hose to gun carriage shall be a nylon tube with solvent resistant neoprene cover. Air lines on gun carriage shall be solvent resistant nylon tubing with rugged corrosion resistant brass body push lock fittings to allow for easy replacement of air lines.
- 10.0 **Auxiliary engine:** A Honda Model GX690 23 hp gas engine shall be mounted on a 3/16" steel motor mount attached to the frame by 4" C channel supports with controls at the engine. Hydraulic pump and air compressor shall have adjustable mounts for tightening of the drive belts. All moving belts and pulleys shall be enshrouded by expanded metal guards. A separate CARB compliant 7 gal. gas tank and 550 CCA 12V maintenance free battery shall be provided for the engine.
- 11.0 **Hydraulic power:** A 12 gal. hydraulic oil reservoir with sight level/temperature gauge, suction screen and return line filter with condition indicator shall be provided along with a belt driven 1.6 C.I.R. pressure compensated piston type hydraulic pump rated at 17 gpm @ 3200 rpm. Gun carriages shall be positioned using a power steering system and hydraulic cylinder for each carriage. A ball valve shall be provided for hydraulic by-pass valve to allow a no-load start for the auxiliary engine. High pressure paint pump shall be manually controlled at pump.

- 12.0 **Electrical system:** Battery tray shall be located beneath engine with 1" lip constructed of 1/8" steel welded to main frame. Battery to be housed in a heavy-duty polypropylene case, totally enclosed to be protected from weather. The wiring harnesses between the junction blocks to be protected by protective split loom covering. The electrical junction blocks and main components of the timer system shall be installed in a weatherproof electrical box.
- 13.0 **Skip line control system:** One (1) Skip-Line, Inc. Model MST-14 Skip Timer shall be provided. Each operator position shall be wired to accept the timer, which can be installed at either position. Ground speed signal shall be obtained from a logic magnetic pickup sensor mounted on the gun carriage wheel, epoxy encapsulated sensor attached to the gun carriage, so that sensor can be accurately positioned on the zinc plated target disk.
- 14.0 **Technical literature:** Descriptive literature, technical data and photographs shall be included with proposal.
- 15.0 **Technical support:** Training is not included in the base price but will be priced out on a case-by-case basis as a "sourced good" as part of the agreement with the individual customer. One (1) day of training to instruct customer personnel in the operation and maintenance of the unit is recommended. After the completed unit has been received and accepted by the customer, the training will be scheduled. The customer is responsible for providing the paint and glass beads to be used during the training. Two (2) sets of Operation/Maintenance manuals shall be provided for the paint striping body on flash drives. Chassis manuals to be purchased by customer from their chassis vendor.
- 16.0 **Technical support:** Two (2) sets of Operation/Maintenance manuals shall be provided for the paint striping body on flash drives.
- 17.0 **Chassis:** Cab and chassis are not included. Specifications for the customer supplied cab and chassis must be approved by EZ-Liner Engineering prior to purchase to ensure modification costs will not be incurred.
- 18.0 **Delivery:** The estimated delivery time is 90 days ARO (after receipt of order). The completed unit may be driven out for delivery or delivered via trailer. The production schedule along with the time frame for delivery will be discussed and confirmed at time of order.
- 19.0 **Warranty:** EZ Liner 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 EZ Liner or an authorized distributor. EZ Liner will for a period of twelve months from the date of sale, repair or replace any part of the equipment proven defective.

CITY OF INDEPENDENCE, MO
SPECIFICATIONS FOR AN AIRLESS STRIPING MACHINE
EZ LINER MODEL PS-AL110 WINDRUNNER
01/31/23

- 1.0 Performance specification:** Unit shall be capable of applying 3" to 8" wide retro-reflective lines with spacing between lines from 0" to 6". Paint applications speeds shall be from 4 MPH to 10 MPH. Application rates of 12 mil to 15 mil wet film thickness paint for standard formulations of traffic paint and 6 to 8 lbs./gal and Type I glass beads. The unit is designed so that it operates in its own lane of traffic and applies centerline, edge lines and lane lines separately. **Single Carriage Operation -Power system, and paint supply system can support one carriage at a time.**
- 2.0 Equipment platform:** Unit shall be installed on a palletized skid mount and extend the length of an 8' to 10' long bed. The construction shall be formed steel channel, 5" members with cross members for support. Operator's platform shall be constructed of 7-gauge steel. Walking area surfaces of platform shall be covered with anti-slip material. Unit shall be so constructed to evenly distribute the weight and have lifting points located on the front and rear to facilitate the lifting of the unit on and off the truck deck. Unit shall be secured to City supplied truck flat bed, bolted down using manufacturer provided tabs, bolts, lock-washers, and hex nuts. The frame to include the underside will be powder coated white for durability. Fold down step with chrome grab handle to access rear operator stations. The auxiliary engine and air compressor may remain their original factory color and coating.
- 3.0 Operator seat:** Two (2) black vinyl covered seats with swivel mounts, seat belts and armrests. Seats shall be mounted on left side and right side of unit for centerline and edge line striping.
- 4.0 Gun carriages:** Two (2) trailing carriages shall be supported by retractable structural steel slide tubes with UHMWPE bearing material, hydraulically positioned outriggers and a single 4.10/3.50 10" diameter gun carriage tire installed in a center swivel. Steering control shall select which carriage is currently being controlled. Carriages supported by brackets in the transport position and adjustable gun holders shall be zinc plated. Two (2) paint guns and two (2) bead guns installed on the left gun carriage and one (1) paint gun and one (1) bead gun on the right.
- 5.0 Paint supply:** Two (2) side by side drum storage pockets shall extend across the width of the frame. Drum holding pockets shall be bolted to the front of the frame, capable of holding two (2) 55 gal. paint drums securely held in place with a web strap retention system. Paint re-circulation per color shall be provided to include a paint suction hose with suction tube, and bleeder line hose with tube.

Two (2) 4" diameter x 43" water-tight stand tubes shall be mounted in a way that they can be removed from the frame for ease of cleaning. These stand tubes shall be used for storage of the suction and bleeder tubes when not in use. **Two (2) drum mount hydraulic powered agitators** shall be provided and operated from the hydraulic system of the unit.

- 6.0 **High pressure paint pump:** Two (2) Titan/Speeflo Model 989-120 paint pumps, each with a combination of leather/UHMWPE packings rated at 8.6 GPM @ 2000 PSI. Each pump shall be equipped with an 18 sq. in. high-pressure stainless-steel paint filter with 40 mesh screen, an ASME certified high-pressure stainless-steel surge chamber and a check valve.
- 7.0 **Paint guns:** Three (3) Graco Model 238-377 paint guns with heavy duty reversible spray tips shall be provided. Full length 3/8" ID nylon lined high pressure paint hoses with 3/8" NPT plated female swivel fitting on both ends shall be provided from the HP paint pump manifold to the paint guns. **Electric gun actuators** shall be provided to remotely adjust the height of each paint gun independently while painting, or while sitting idle.
- 8.0 **Handgun with paint hose:** 25' high-pressure paint hose with Graco flex handgun.
- 9.0 **Bead supply:** Bead tank to be mounted on right side on the frame and crossmember. A 500# ASME certified bead tank shall be provided.
- 10.0 **Bead guns:** Three (3) Graco Model 238-338 bead guns shall be provided. Full length 3/4" ID clear poly-spring bead hoses to be provided from the bead manifold under the bead tank to the bead guns.
- 11.0 **Air supply:** A belt driven 30 displacement cfm air compressor shall be installed with pipe extension on the oil drain out port. The system shall include a 2 gal. (minimum) air tank and LaMan 107F extractor/ dryer with auto drain. Two (2) carriage lift valves shall be provided. A preset regulator shall be provided for carriage down pressure. Air supply hose to gun carriage shall be a nylon tube with solvent resistant neoprene cover. Air lines on gun carriage shall be solvent resistant nylon tubing with rugged corrosion resistant brass body push lock fittings to allow for easy replacement of air lines.
- 12.0 **Auxiliary engine:** A Honda Model GX690 23 hp gas engine shall be mounted on a 3/16" steel motor mount attached to the frame by 4" C channel supports with controls at the engine. Hydraulic pump and air compressor shall have adjustable mounts for tightening of the drive belts. All moving belts and pulleys shall be enshrouded by expanded metal guards. A separate CARB compliant 7 gal. gas tank and battery shall be provided for the engine.

- 13.0 Hydraulic power:** A 12 gal. hydraulic oil reservoir with sight level/temperature gauge, suction screen and return line filter with condition indicator shall be provided along with a belt driven pressure compensated piston type hydraulic pump rated at 10 gpm @ 3200 rpm. Gun carriage shall be positioned using a power steering system and hydraulic cylinder for carriage extension. A valve shall be provided for hydraulic by-pass to allow a no-load start for the auxiliary engine. High pressure paint pump pressure shall be manually controlled at each pump or near operator stations.
- 14.0 Electrical system:** Battery tray shall be located beneath engine with 1" lip constructed of 1/8" steel welded to main frame. Battery to be housed in a heavy-duty polypropylene case, totally enclosed to be protected from weather. The wiring harnesses between the junction blocks to be protected by protective split loom covering. The electrical junction blocks and main components of the timer system shall be installed in a weatherproof electrical box.
- 15.0 Skip line control system:** One (1) Skip-Line® Model MST-14 Skip Timer shall be provided, movable from one side to the other to be accessible at either operator position. Ground speed signal shall be obtained from a logic magnetic pickup sensor.
- 16.0 Intercom system:** David Clark Model U3800 master station; remote headset module at rear operator station; (1) Model H3492 single earpiece headset for chassis cab; (1) H3432 dual earpiece headset for rear operator station.
- 17.0 Laser Guidance System:** A LaserLine Mfg., Inc. GL3000-PM laser shall be provided with hardware to mount on top of the City provided chassis cab. The laser shall be provided with a power plug that can be inserted into the City supplied chassis cab power point outlet and the on/off controls shall be installed on the dash or console of the truck following delivery of the unit.
- 18.0 Technical literature:** Descriptive literature, technical data and photographs shall be included with proposal.
- 19.0 Technical support:** **One (1) day of training** to instruct City personnel in the operation and maintenance of the unit is included. The City is responsible for providing the paint and glass beads to be used during the training. Two (2) sets of Operation/Maintenance manuals shall be provided for the paint striping body on flash drives.
- 20.0 Parts/Accessories:** The following spare parts and accessories shall be provided loose with the shipment of the completed unit:
- 20.1 **MECHANICAL LINE GUIDE** to attach to the front bumper of the host vehicle, installed by customer.

- 20.2 UMBRELLA assembly provided to protect operator from the sun to be installed by customer above either seat.
- 20.3 HYDRAULIC OIL (12 GALLONS) to completely fill the hydraulic tank by customer post shipping.
- 21.0 **Chassis:** Cab and chassis not included. Specifications for the City supplied cab and chassis must be approved by EZ Liner Engineering prior to purchase to ensure modification costs will not be incurred due to improper weight distribution, overloading an axle rating of the vehicle.
- 22.0 **Delivery:** The estimated **delivery** time is 90 days ARO (after receipt of order). The completed unit may be driven out for delivery or delivered via trailer. The production schedule along with the time frame for delivery will be discussed and confirmed at time of order.
- 23.0 **Warranty:** EZ Liner 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 EZ Liner or an authorized distributor. EZ Liner will for a period of twelve months from the date of sale, repair or replace any part of the equipment proven defective.

February 2, 2023

City of Independence
1030 S Crysler Ave
Independence, MO 64052

ID# 38294

Comparison of: SOURCEWELL CONTRACT #080521 SPECIFICATIONS FOR ROADWAY MAINTENANCE EQUIPMENT EZ-LINER MODEL PS-AL110 BASE UNIT 18E-WINDRUNNER, dated 08/05/21

To: CITY OF INDEPENDENCE, MO SPECIFICATIONS FOR AN AIRLESS STRIPING MACHINE EZ LINER MODEL PS-AL110 WINDRUNNER dated 01/31/23.

The following items have been changed on the Sourcewell Contract No. 080521-EZL specification and are covered by **Published Options**:

1. **Page 1; 4.0 Paint supply: / Page 2; 5.0:** (2) Drum mounted agitators have been added to allow the operator to fully mix the traffic paint in the drums while on board the striper. This change is covered by **Option Code 18E-03-02.**
2. **Page 1; 4.0 Paint supply: / Page 2; 8.0:** A 25' paint hose with Graco flex handgun has been added for hand work. This change is covered by **Option Code 18E-04-03.**
3. **Page 2; 6.0 Paint guns: / Page 2; 7.0:** Electric gun actuators have been added to remotely adjust the height of each paint gun from the operator seats. This change is covered by **Option Code 18E-04-09.**
4. **Page 2; 5.0 High pressure paint pump: / Page 2; 6.0:** A 2nd Titan/Specflo Model 989-120 high pressure paint pump has been added to allow for a quick change of colors without having to flush the previous color from the lines. This change is covered by **Option Code 18E-04-10.**
5. **Page 2; 5.0 High pressure paint pump: / Page 2; 6.0:** (2) ASME certified high-pressure stainless-steel surge chambers have been added for dampening the pulsation in the airless paint line resulting from the change of pump stroke. This change is covered by **Option Code 18E-04-11.**
6. **Page 3; 12.0 Electrical system: / Page 3; 17.0:** A Laser Guidance System has been added to allow driver to properly line up with the targeted paint line. This change is covered by **Option Code 18E-07-02.**
7. **Page 3; 12.0 Electrical system: / Page 3; 16.0:** An Intercom System has been added to allow for communication between the driver and the rear operator. This change is covered by **Option Code 18E-07-06.**

8. **Page 1; 1.0 Equipment platform: / Page 3; 20.1:** A mechanical line guide has been added and will be provided loose for the customer to install. This change is covered by **Option Code 18E-08-08**.

The following items listed in the City's specifications are **changes to the contract specifications** that come under **Sourced Goods**.

9. **Page 1; 2.0 Operator seat: / Page 1; 3.0:** A 2nd operator seat assembly has been added so the operator does not have to switch out the seat every time they want to do edge line. An addition has been included for this modification to the standard design.
10. **Page 3; 16.0 Technical support: / Page 3; 19.0:** The recommended **one-day training** session has been added. An addition has been included for the training session.
11. **Page 3; 18.0 Delivery: / Page 4; 22.0:** A quote was received for **delivery**. An addition has been included for the delivery trip.

City of Independence
Independence, MO

ID# 38294

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.

Update your organization's information

Add a contact for your organization

Need help?

Contact our dedicated Client Relations Team at service@sourcewell-mn.gov or 877-585-9706.

EZ Liner

Roadway Maintenance Equipment

#080521-EZL

Maturity Date: 10/11/2025

Products & Services



Products & Services

Sourcewell contract 080521-EZL gives access to the following types of goods and services:

- Paint striping trucks
- Mid-size paint machinery
- Walk-behind paint machines
- RPM & tape applicator trucks
- Traffic coatings
- Grinding & grooving equipment
- Line removal equipment
- Thermoplastic marking trucks
- Plural component marking truck
- Walk-behind thermoplastic
- Walk-behind plural component
- Walk-behind grinders

Additional information can be found on the vendor-provided, nongovernment websites at:
ezliner.com/sourcewell

Our Offerings



The ValuLiner Series from EZ Liner offer a full line of quality pavement marking equipment, with the latest technological features at an exceptional value. The ValuLiner products offers just the right equipment to match any and all of your project needs.



Arapahoe

- Agile without losing capacity or performance
 - No CDL requirement to operate
- SOURCEWELL CODE: 18H-ARAPAHOE**



Teton

- Built for reliability and performance
 - Holds 500 gallons of paint and 3000 pounds of beads.
- SOURCEWELL CODE: 18H-TETON**



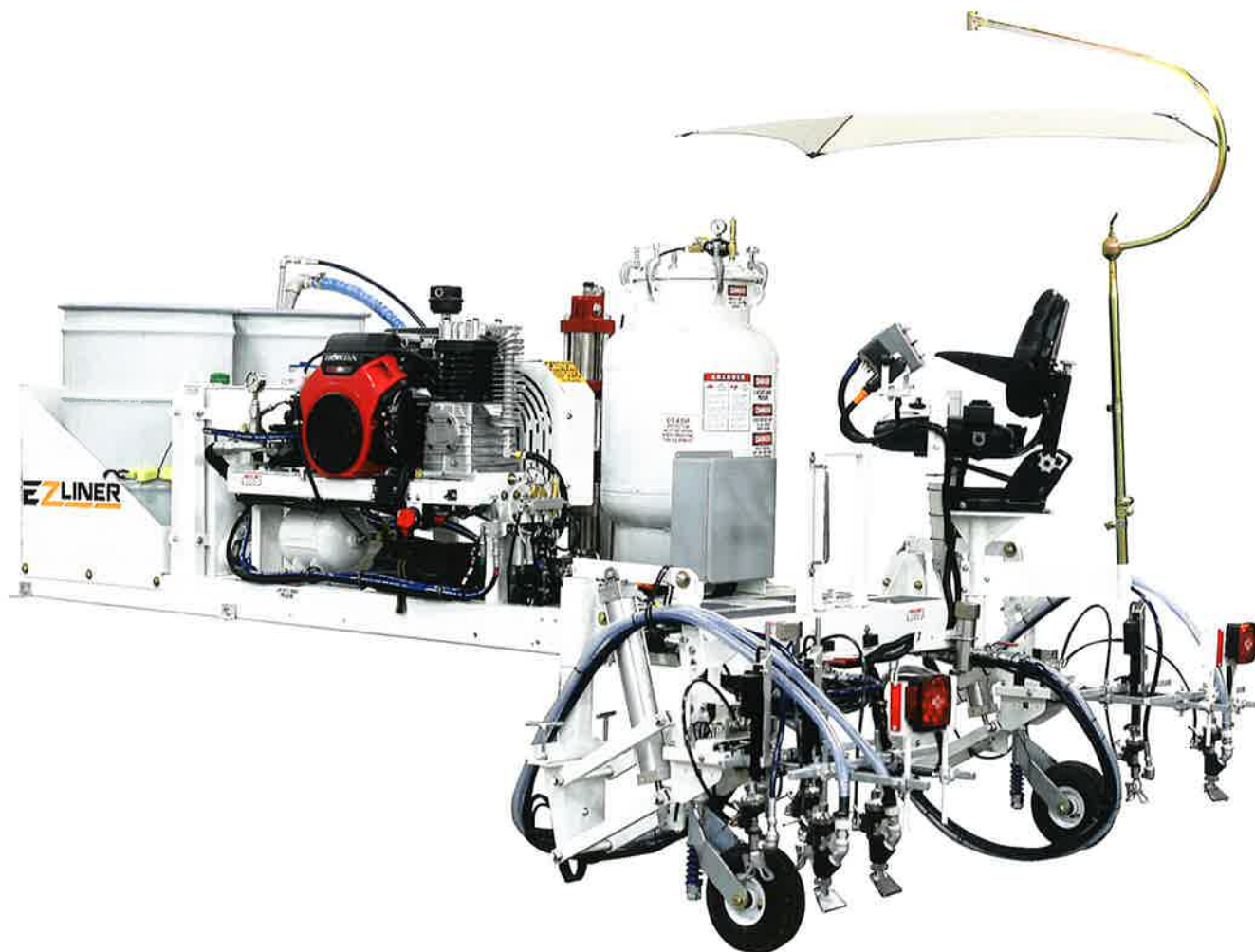
Cascade

- Small enough for most streets and roundabouts without sacrificing efficiency or performance.
 - Simple, reliable operation allows for quick training
- SOURCEWELL CODE: 18H-CASCADE**



WindRunner

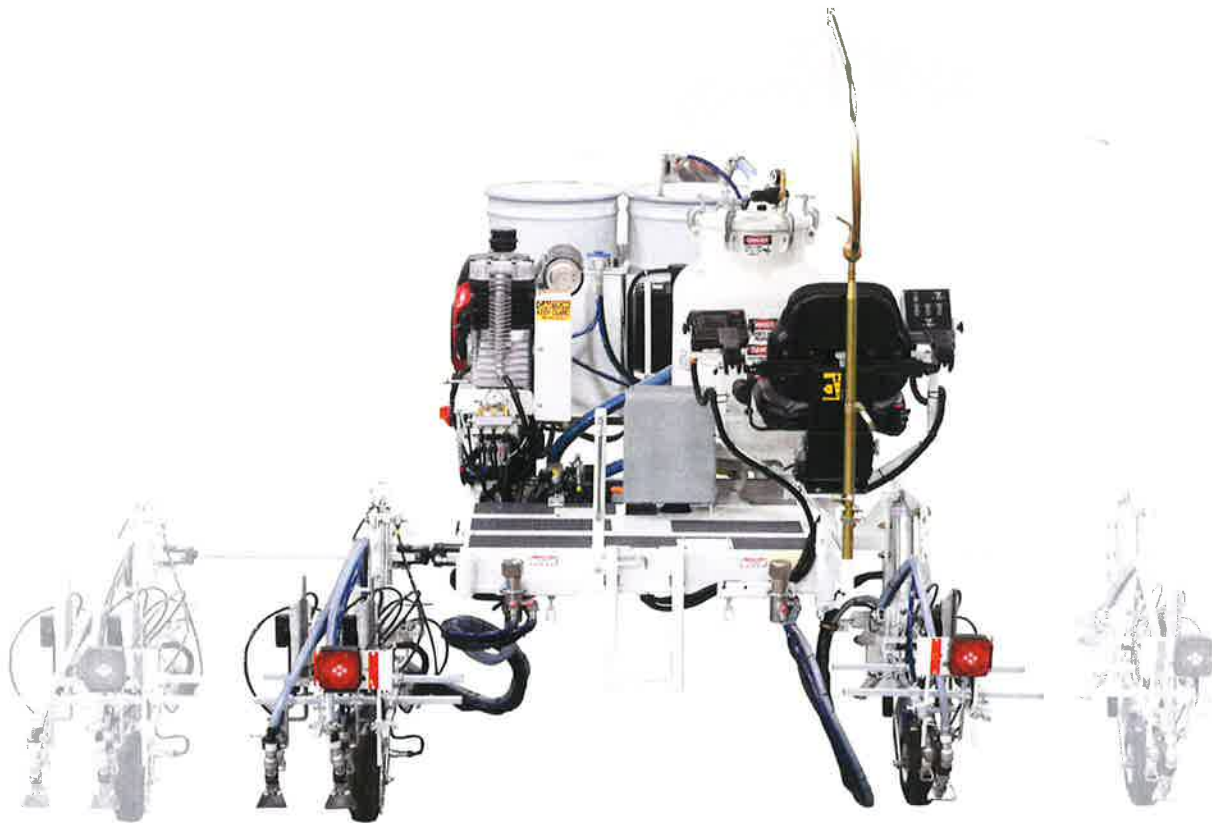
- Designed with enhanced productivity, ergonomic, and safety features
 - Compact and versatile high-capacity striper
- SOURCEWELL CODE: 18H-WINDRUNNER**



- Redesigned with enhanced productivity, ergonomic, and safety features
- Compact and versatile high capacity striper
- Maximizing investment by converting a flatbed or pickup into a profitable striper

VALU LINER

The ValuLiner series offers quality equipment with all the necessary features at an exceptional value.



Specifications

- Three gun airless striper, paint, and bead capability, 2 lines on left and 1 on right
- 110 gallon paint capacity
- Drum storage pockets for (2) 55 gallon drums, also available with (2) 60 gallon stainless steel paint tanks
- Dual carriage (with pneumatic lift)
- Hydraulic outriggers to apply separate line on either side of the vehicle
- Mesh screen in the neck of the bead tank
- Self-contained power pack 23 hp Honda, 30 displacement cfm compressor and 1.6 C.I.R. hydraulic pump, pressure compensated hydraulic system
- 12 gallon hydraulic tank with strainer on suction side, filter on return side and magnet at bottom of tank
- Fuel tank assembly, 7 gallons, CARB compliant
- Air dryer assembly with LaMan dryer
- 500 pound ASME certified pressurized bead tank
- 8.6 gpm hydraulic powered paint pump
- Two stage filtration of paint, high pressure and low pressure
- Convenient precision controls
- MST-14 Skipline Controller
- Swivel seat with seat belt and armrests
- Umbrella to protect operator from sun
- One-man operator option available
- Palletized skid mount steel frame

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

Proud Partners of:

HGACBuy
THE SMART PURCHASING SOLUTION

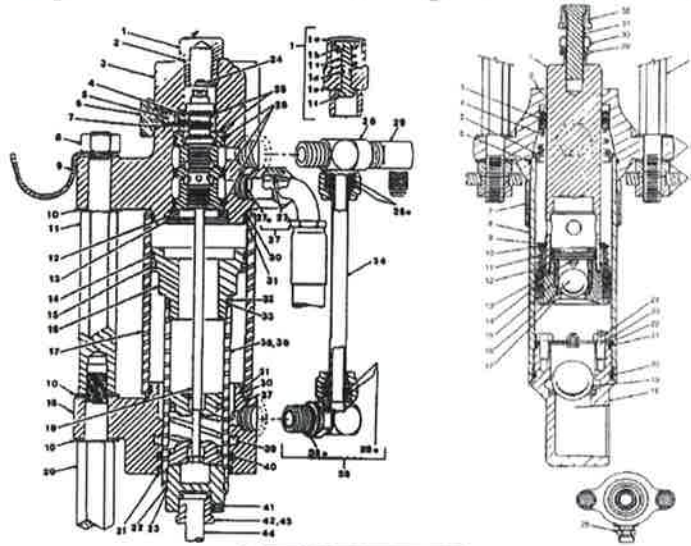
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33538-EZ (48189) 09/20

EZ LINER

A DIVISION OF VTS

Titan Speeflo HP Pump Model 989-120



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
441-315	1:1	2000 psi 138 bar	7/gallon 1.8/liter	18.2 fl. oz. 541 ml	5.7 gpm 21.6 lpm	7.1 gpm 26.9 lpm	8.6 gpm 32.6 lpm	10.0 gpm 37.9 lpm	11.4 gpm 43.2 lpm

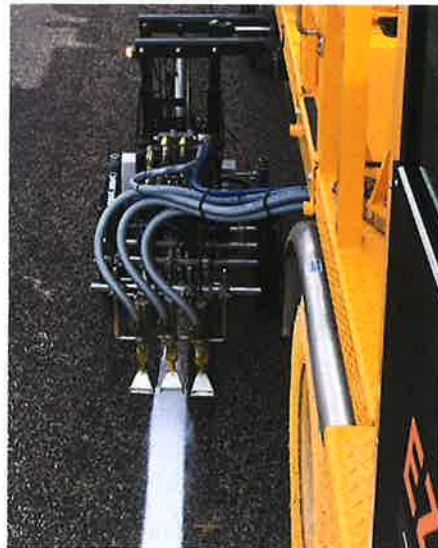
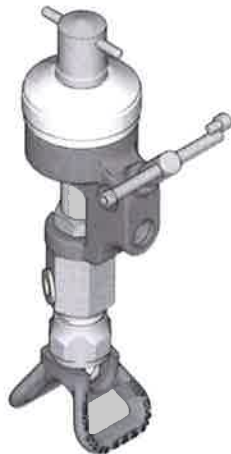
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Descriptive, not restrictive. EZ Liner's continuing quest for improvement make equipment, specifications, and components subject to change without notice.



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

Accept no exceptions or equals!

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EZ LINER

A DIVISION OF VTS

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
- ✓ Weatherproof switch box with momentary return-to-center military type toggles



Accept no exceptions or equals!

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EZ LINER

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 **GRACO**



Flex Plus Airless Spray Gun, 2 Finger Trigger

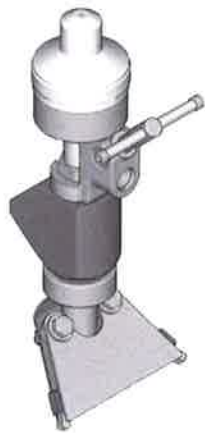
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Automatic Single Acting Bead Gun

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!

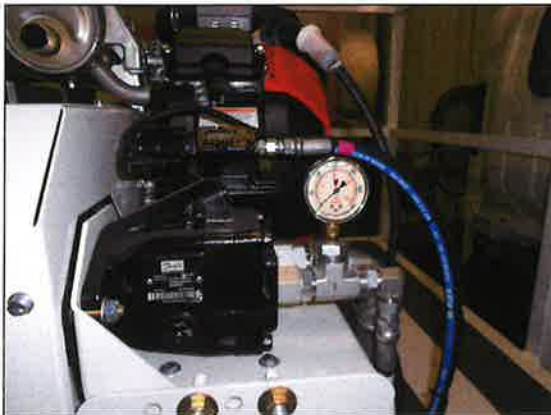
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EZ LINER

A DIVISION OF VTS

Honda Power Pack

- GX690 23 hp gas engine, 4-stroke, overhead valve, 2 cylinders (90° V-Twin)
- Rol-Air K35 belt driven 30 displacement cfm air compressor
- Danfoss belt driven pressure compensated piston type hydraulic pump



Accept no exceptions or equals!

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A DIVISION OF VTS

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.

Accept no exceptions or equals!

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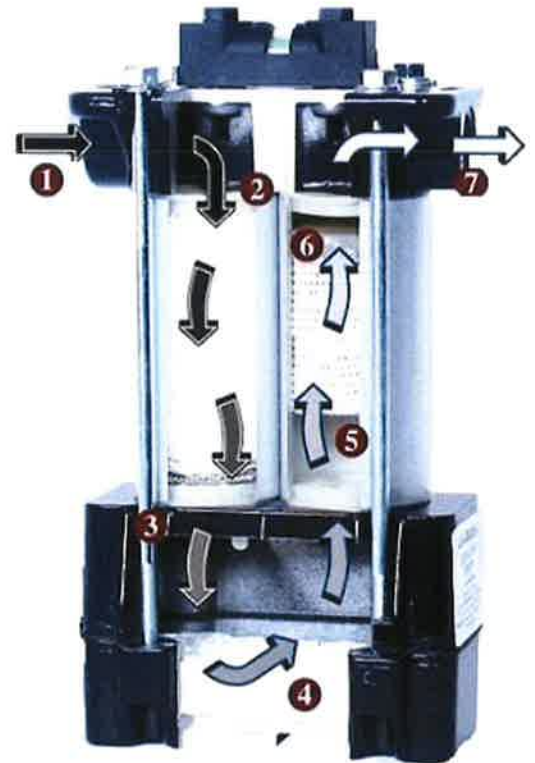
EZ LINER

A DIVISION OF VTS

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
107F	1/2"	50	250	050SKA	8-1/4 x 4 x 2-1/2	3#

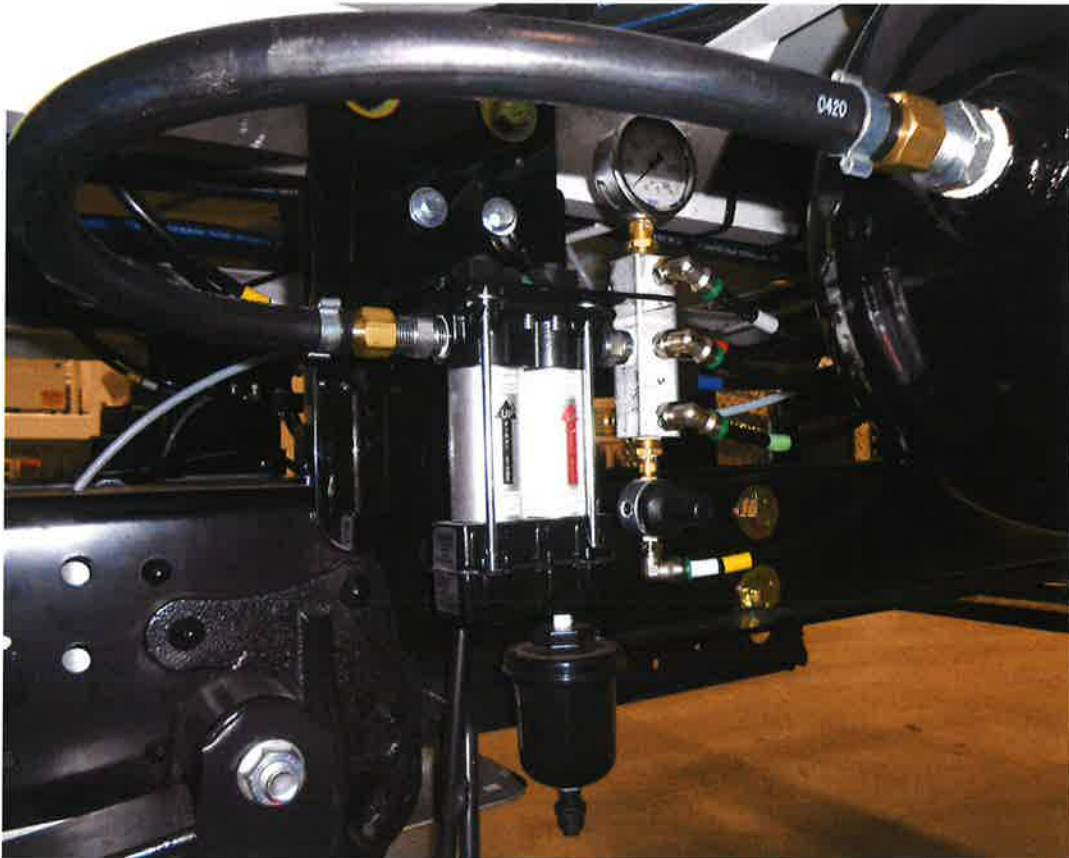
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SPECIFICATIONS

FILTRATION	5 MICRON
AIR FLOW	50 SCFM
MAXIMUM PRESSURE	250 PSIG
DEW POINT	10 TO 35° F @
PORT SIZE	ATMOSPHERIC PRESSURE
	MODEL 105 1/4" NPT
	MODEL 106 3/8" NPT
	MODEL 107 1/2" NPT
HEIGHT	9.00"
WIDTH	4.00"
DEPTH	2.50"
BOLT TORQUE	50 INCH POUNDS
MAXIMUM TEMPERATURE	180° F
**SERVICE ITEMS	050SK SERVICE KIT

PATENT NO. RE. 32, 989 – 5,261,946



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

SKIP-LINE® MST-14 MINI SKIP-TIMER

Product Overview

The MST-14 Mini Skip Timer delivers a capable and intuitive road marking experience in a condensed package. Featuring a full-color, sunlight-readable display, the MST-14 is perfect for smaller road marking vehicles with up to four paint guns.

The MST-14 creates 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 be alerted of system messages with just a glance.



Standard Features

- Pattern Preview
- LED and Software Diagnostics
- Guided Calibration Procedures
- Four Bead and Four Auxiliary Gun Outputs
- Instant and Average Application Rates
- Rugged Sealed Toggle Switches
- Gun Distance Offsets & On/Off Time Factor
- AutoCycle and Advance/Retard
- Metric Unit Operations
- Datum Point (Delayed Start)
- Remote USB Software Update Capability
- Expansion Port (for additional accessories)

CALL US TODAY!
(541) 963-0111

www.skipline.com

SKIP-LINE®

MST-14 & SC-12 PERIPHERALS

HDV0-318 Glass Cockpit



The HDV0-318 Glass Cockpit is an all-in-one video guidance and full-spec data logger for the road marking industry. The HDV0-318 works seamlessly with the MST-14 and SC-12 control systems by sharing the striping configuration and settings.

The Glass Cockpit with Integrated Data Logging is capable of secure automatic WiFi/4G data transmission to the Spec-Rite Online pavement markings management platform.

ADDITIONAL EXPANSION

Paper-Tape Printer

Add a CPR-212 Paper Tape Printer to any Skip-Line® Control System for on-the-fly printouts of gun footages and material usage.

Rework Trigger

Retrace inconsistent lines using a Rework Trigger with semi-automatic skips or full manual control.

Speedometer/Counter

A CSPD-712 Speedo has a simple, large-digit readout of speed and counter channels for a higher resolution speedometer than most vehicles provide.

Smart Speedometer

The CSS-712 Smart Speedo is for the vehicle driver that also leads the crew. It provides a view of the striping operation and has full access to counter channels and system-wide settings.



CONTACT US FOR MORE INFORMATION

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



Vehicle Intercom System

Modular Design - Rugged and serviceable. Reduces downtime or module replacement, cost effective.

Weather Tight - All system components are designed for use in severe weather. All modules are manufactured using rugged, heavy gauge, polycarbonate (-80°F to +212°F) housings with integral mounting feet.

Industry Standard - In use by thousands of emergency service departments, an extremely versatile "workhorse" able to accommodate most vehicle and system design requirements.

U3800: Master Station (installed in chassis cab)



TECHNICAL DATA

Power Requirements	12 or 24 VDC
Power Control	Illuminated pushbutton (on/off)
Power Protection	Fuse, 1 Amp Slo-Blo (external)
Power Connection	Via C3820 Power Cord
Enclosure	Heavy-gauge polycarbonate (-80° to +212°F)
Volume Controls	2 each Headset, 1 each System
Headset Interface	12B Jack, ¼" (w/ sealed spring lid)
System Connections	2 each, via C38-xx Jumper Cord
Installation	Surface mount (mounting kit included)
Weight	28.5oz /808g
Dimensions	8-¼" L x 5-¾" W x 4-¼" D

H3492: Headset-Mic



TECHNICAL DATA

Weight	9.4oz /266g
Comm Cord	6' extended coil cord, with ¼" stereo plug
Certified NRR (3rd party)	N/A (single-ear)
Dome Type	Lightweight, ABS composite
Hardware	Carbon steel, chrome finish
Ear Impedance	300Ω
Ear Sensitivity	90dB SPL re 1mW @ 1kHz
Ear Freq Response	200-5,500 Hz
Mic Impedance	150Ω nominal
Mic Sensitivity	400mV+/-6dB into 150Ω load @ 1kHz for 114 dB SPL input
Mic Freq Response	300-3,500 Hz
Mic DC Supply V., Source Resistance	8-16V, 470Ω, not polarity sensitive
Microphone Control	On/off switch, SPDT

U3801: Remote Headset Station (installed at rear operator position)



TECHNICAL DATA

Power Requirements	12 or 24 VDC (via U3800)
Enclosure	Heavy-gauge polycarbonate (-80° to +212°F)
Volume Control	1 each Headset listen level control
Headset Interface	12B Jack, ¼" (w/ sealed spring lid)
System Connection	1 each, via C38-xx Jumper Cord
Installation	Surface mount (mounting kit included)
Weight	9.2oz./261g
Dimensions	3-¼"L x 4-¾"W x 3"D

H3432: Headset-Mic



TECHNICAL DATA

Weight	14.1 oz/400 g
Comm Cord	6' extended coil cord, with ¼" stereo plug
Certified NRR (3rd party)	23 dB
Dome Type	Lightweight, ABS composite
Hardware	Carbon steel, chrome finish
Ear Impedance	300Ω each, wired in series
Ear Sensitivity	90dB SPL re 1mW @ 1kHz
Ear Freq Response	200-5,500 Hz
Mic Impedance	150Ω nominal
Mic Sensitivity	400mV±7-8dB into 150Ω load @ 1kHz for 114 dB SPL input
Mic Freq Response	300-3,500 Hz
Mic DC Supply V., Source Resistance	8-16V, 470Ω, not polarity sensitive
Microphone Control	On/off switch, SPDT

GL3000 SERIES GUIDANCE LASERS

The GL3000 Series Guidance Lasers use an ultra-high visibility green laser to establish visual line control

GL3000P
Remote Controlled Laser



GL3000PM
Manual Adjust Laser



- ✓ HIGHWAY PAINT STRIPING
- ✓ WATER BLASTER TRUCKS

- ✓ GUN CARRIAGE ALIGNMENT
- ✓ RUMBLE STRIP MACHINES
- ✓ GRINDERS
- ✓ PAVERS
- ✓ PROFILERS

For virtually any application requiring vehicle line control!

L LASERLINE MFG., INC.

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



GL3000PM MANUAL SYSTEM

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

GL3000PM ADVANTAGES

It's more versatile, easier, faster and SAFER!

- ✓ Quick heads up, allows the operator to line up ahead of time while traveling through intersections.
- ✓ 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 booms, chains and cameras.
- ✓ Greatly increases the machines maneuverability.
- ✓ Much less strain on the gun carriage operator. It reduces fatigue and increases skill load.



THE GL3000PM PACKAGE INCLUDES:

P/N 3001-0001-1 GL3000PM Main Housing: IP68 waterproof, purged and dry nitrogen filled. Contains optic plate mounting platform with microprocessor electronics, laser mounting assembly, laser driver board, 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 Control Panel: Allows the operator to turn the laser on, off, steady mode or blinking mode. Includes; 15 feet of 12 volt DC cable running from the control box for connection to 12 volt vehicle power.

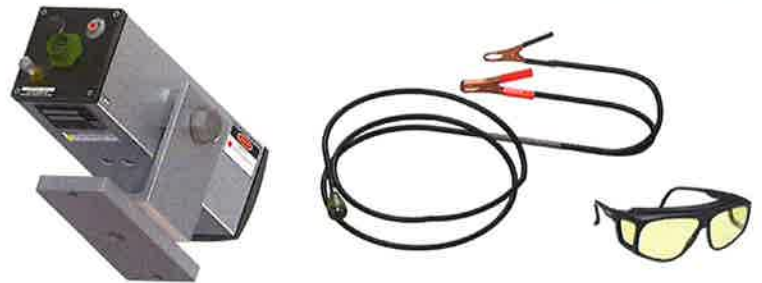
P/N 3000-0435 Laser Enhancement Glasses: Cuts down on glare and enhances the visibility of the laser spot for daytime use.

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



(Optional) GL3000PM-B PACKAGE

Same as the GL3000PM model minus the control panel and interconnect control cable. Features a momentary power button in the rear panel that allows you to turn the laser on, off, steady mode or blinking mode.



GL3000PM/PM-B 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 w/ Base Dimensions:

Height: 5"-1/2
Length: 8"-3/4
Width: 4"-1/4

Cable length from laser housing to control box: 25'

12 Volt Power cable length from control box: 15'

Shipping Weight: 20 lbs.

Enclosure Rating: Waterproof IP68

24 Month Warranty
Parts and Labor