

SS-AL110 Trail Runner

Custom built striper



Note: This picture is representative of the SS-AL110 only. It may show optional equipment not included in our base model.

BASE UNIT

- Aluminum palletized frame to support main components
- Municipal type split dual wheel gun carriage side mounted, visible to driver/operator
- (2) Graco Model 238-377 paint & (2) Model 238-338 bead guns left gun carriage
- Drum holder for (2) 55 gal. drums
- Paint re-circulation/bleeder line
- Y strainer type LP paint filters at inlet of HP paint pumps
- (2) Titan/Speedflo Model 415-315 HP paint pumps
- (2) ARO HP paint filters
- 500# bead tank
- 30 cfm Rol-air belt driven piston air compressor
- Air system-2-gallon air tank, LaMan 107F extractor/dryer with auto drain
- Honda GX690 23 hp gas auxiliary engine with separate battery; controls @ engine
- 7-gallon CARB compliant fuel tank
- Pressure compensated hydraulic pump belt driven
- Hydraulic system-12-gallon hydraulic oil reservoir, HP pumps manually controlled, easy start hydraulic by-pass.
- Electric power control box-Hoffman electrical box
- (1) Model MST-14 controller

Published Options for EZ Liner Model SS-AL110

- Air Hose Reel w/ 25' Hose
- Vacuum bead loading system using customer's shop air compressor to include 12' load hose with load tube & new 55-gallon drum with bag splitter/screen
- Additional paint & bead line with Graco paint gun & Graco bead gun with actuator for paint gun
- Graco hand Flex gun with hose reel & 25' HP hose
- 120-gallon stainless steel paint tank (60 gallons each color) with (2) hydraulic powered paint agitators
- 25-gallon poly flush tank with 12vDC pump with quick disconnect at each gun carriage & spray wand with 25' hose
- Gallon counts-price each per color
- Camera guidance system with 36" electric camera extension, 10.4" LCD color monitor, (2) Color cameras & dual line digital cross hair generator
- Model GL3000-PM manually positioned guidance laser
- Mechanical line guide
- SS-AL110 recommended spare parts kit

**H-GAC SM10-20 SPECIFICATIONS FOR
EZ LINER MODEL SS-AL110 BASE UNIT**

Product Code #18D

4/22/2020

- 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 single operator unit is designed to apply lines off the left-hand side of the unit one color at a time.
- 2.0 **Equipment platform:** Unit shall be installed on a palletized skid mount frame and extend the length of a 6 to 8-foot bed. The construction shall be formed 1/8" aluminum channel. Walking area surfaces of platform shall be covered with anti-slip material. Unit shall be so constructed to evenly distribute the weight. The deck shall be hinged and pinned for easy access to the chassis' engine compartment, and easily removed from the utility chassis. The auxiliary engine and air compressor shall remain their original factory colors. The underside of the frame will be painted the same color as the top. All coatings shall be lead free. The Unit shall be prime coated with a two-component urethane primer system. The topcoat shall be a two-component polyurethane coating. White is the standard factory paint color.
- 3.0 **Gun carriage:** The carriage shall be constructed using a single 4" x 4" square aluminum outrigger tube, hinged for lifting and storing when not in use. A pneumatic lift makes it easy to stow the gun carriage while also providing down pressure for smooth paint application. Two (2) 4.10/3.50 10" diameter gun carriage tires installed in separate swivel casters for leveling to ensure accurate striping. 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 with the ability to hold up to five (5) paint and bead guns if additional guns are desired or installed as an upfit.
- 4.0 **Paint supply:** Drum storage area shall extend across width of bed, capable of holding two (2) 55 gal. paint drums securely held in place with a web strap retention system. Paint re-circulation shall be provided. A 4" diameter x 43" water-tight stand tube shall be supplied for the paint suction hose suction tube to hold the suction hose and bleeder line tube, mounted in a way that it can be removed from the frame for ease of cleaning.
- 5.0 **High pressure paint pump:** One (1) Titan/Speedflo Model 415-315 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 screens and check valve.
- 6.0 **Paint guns:** Two (2) 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:** Two (2) Graco Model 238-338 bead guns shall be provided. Full length $\frac{3}{4}$ " 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-gallon air tank and LaMan 107F extractor/ dryer with auto drain. One (1) carriage lift valve 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 $\frac{3}{16}$ " steel motor mount attached to the frame by 4-inch 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-gallon gas tank and battery shall be provided for the Honda gas engine.
- 11.0 **Hydraulic power:** A 12-gallon 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 17 gpm @ 3200 rpm. 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 provided with 1" lip constructed of $\frac{1}{8}$ " 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 mounted in a driver/operator accessible location. Ground speed signal shall be obtained from a logic magnetic pickup sensor mounted on the outermost 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:** Two (2) sets of Operation/Maintenance manuals shall be provided for the paint striping body on flash drives.
- 16.0 **Chassis:** Cab and chassis are not included in base. *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.

*Recommended Chassis -John Deere ProGator 2020A with a 34 HP, 970cc, four-cylinder, liquid-cooled gas engine. The ProGator 2020A comes with a five-speed, synchro-mesh transmission including five forward gears and one reverse gear. It has ROPS roll bar protection, and speed control for consistent application speed.

- 17.0 **Delivery:** The estimated delivery time is 90 days ARC (after receipt of chassis). The completed unit delivered via trailer if ordered. The production schedule along with the time frame for delivery will be discussed and confirmed at time of order.
- 18.0 **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. Due to specialty equipment conditions and a limited service and repair network, EZ Liner will reimburse customer at current EZ Liner's shop rate for any labor that can be done by the customer.

EZ-LINER MODEL SS-AL110, Product Code #18D**PAINT STRIPING BODY WITH CARRIER VEHICLE**

Item	Description	List Price
18D	SS-AL110 Base Unit	\$ 56,400.00
18D-Chassis	JD 2020A ProGator Carrier Vehicle	\$ 26,100.00
18D-01-01	Upgrade to K35 Compressor (from K17 compressor)	\$ 400.00
18D-03-01	Drum agitator	\$ 1,240.00
18D-04-01	Additional guns per line (paint and bead) (each)	\$ 3,460.00
18D-04-02	Hand gun (paint only)	\$ 1,350.00
18D-04-03	Hand gun (paint and bead)	\$ 2,190.00
18D-04-04	Add second 3.1 gpm pump	\$ 5,910.00
18D-04-05	Upgrade to single 8.6 gpm pump (from single 3.1 gpm pump)	\$ 2,800.00
18D-04-06	Upgrade to double 8.6 gpm pump (from single 3.1 gpm pump)	\$ 11,250.00
18D-04-07	Add surge chamber for 8.6 gpm pump(s) (each)	\$ 1,360.00
18D-07-01	Gun actuators for paint guns (each)	\$ 640.00
18D-07-02	Upgrade to MST-14 control	\$ 1,710.00
18D-07-03	5-gun package for MST-14	\$ 400.00
18D-07-04	Airport package for MST-14	\$ 500.00
18D-07-05	Remote trigger for MST-14	\$ 830.00
18D-07-06	Stroke counter (8.6 gpm pump only w/ MST-14) (per pump)	\$ 430.00
18D-07-07	Laser Line GL3000-PM	\$ 4,290.00
18D-07-08	Work light package	\$ 720.00
18D-07-09	Strobe light package	\$ 920.00
18D-10-01	Storage stand	\$ 1,260.00
18D-10-02	Wind screen/bead deflector (each)	\$ 270.00
18D-10-03	55 gallon drum	\$ 220.00
18D-10-04	SS-AL110 Base Unit Recommended Spare Parts Kit	\$ 660.00
F.O.B. FACTORY. TRAINING AND DELIVERY PRICED SEPARATELY.		