

Epoxy

Pavement marking machine

The Epoxy is a high-performance 2:1 epoxy paint applicator truck engineered for durable pavement markings. Formulator pumps deliver heated epoxy material from pressure tanks to static mix tubes or direct tip impingement spray guns. The system provides complete operator control of heat and pressure to ensure optimal chemical reaction and consistent, accurate epoxy spray. Designed for heavy-duty applications, the Epoxy provides precise material delivery and outstanding line definition.

Highlights

- **Precise material control** – Static mix tube or direct tip impingement ensures perfect mixture and consistent curing
- **Controlled heating** – Thermostatically controlled tanks, heat exchangers, and heat jacked lines maintain optimal material temperature
- **Heavy-duty application system** – Robust carriage and gun mounts support reliable performance
- **Flexible guidance and control options** – Supports a range of operator systems and safety features
- **High-capacity air compressor** – 125 CFM to ensure reliable operation under demanding conditions

Your benefits

- **Superior line definition** – Precise application ensures consistent, durable markings
- **Optimized chemical curing** – Exact temperature and pressure control ensures strong, long-lasting finish
- **Reliable high-volume performance** – Engineered for demanding striping operations
- **Designed for maintainability** – Carriage wear pads and flush systems simplify service

Performance features

Chassis

Choose from Peterbilt, Isuzu, Mack, Autocar, Battle Motors, Freightliner, or International chassis, available in single axle, single axle with lift axle, tandem axle, or tandem axle with lift axle configurations. Chassis are available with gas, diesel, or CNG fuel options to match your operational and environmental requirements. Each chassis is engineered to meet the specific needs of the striping machine, and dual steer options are available for enhanced maneuverability.
MB chassis solutions are highly customizable, allowing each unit to be configured based on your operational needs, local regulations, and preferred platform layout.

Striping Platform

Designed with operator access and functionality in mind – Multiple access ladders provide safe and convenient access to the platform. The system can be configured with rear- or mid-mount carriages featuring auto-lock stowage for smooth and efficient operation.

Striping Equipment

Heated material tanks maintain optimal temperature, supported by a precise thermostatically controlled heating system. Heavy-duty carriages accommodate gun mounts for air jets, epoxy applicator guns, and glass guns, providing consistent, reliable application.

Pump and Paint System

Material is precisely heated in separate Part A and Part B tanks, then delivered to the dispensing system via a two-chambered pump at an exact ratio. The material is delivered to the guns, where it is precisely combined either in a static mix tube or at the tip under pressure (direct tip impingement). Flush systems for static mix and air purge for impingement systems ensure reliable operation and easy maintenance.

Air Compressor

Hydraulic driven 125 cfm air compressor provides reliable airflow for operation of epoxy application systems.

Options

A wide range of configurable options allows each Epoxy to be tailored to operational needs:

- Guidance systems: rear-view camera (optional DVR), line guidance camera with outriggers and monitor, hydraulic pointer, driver/ operator lasers, optical sight
- Communications: wireless or hardwired headsets
- Controls & data logging: Skipline controllers, handheld remotes, joysticks, Limntech automated operator systems, data reporting
- Line application guidance: hydraulic or steer-by-wire steering, joysticks, Limntech systems
- Gun height adjuster for precise control of paint application precision
- Operator stations: No cover, open canopy, climate-controlled enclosure (square cab, hi-vis cab, bay window cab - all with or without bubble windows and choices of sliding or swinging doors) with or without ROPs system
- Lighting: night lighting, strobes, message/arrow boards
- Multiple bead systems
- Air jets to clear debris
- One, two, or three-color paint systems
- Mid-mount or rear-mount carriages, single or dual wheel, standard or aircraft wheels

Customized solutions

Custom designs are available for stencil marking use, with additional safety lighting, night lighting, and toolboxes.
MB Pavement specializes in engineering fully customized solutions—designed from the ground up to match each customer's specific operational needs. From machine layout to specialized components, every detail is adapted to ensure that your pavement marking machine aligns seamlessly with your workflow, vehicle platform, and performance expectations.

Technical data

	EPO 180	EPO 330
Truck Chassis		
Chassis Model	Isuzu FVR	Peterbilt 520
US Truck Class	7	8
Chassis GVWR	33,000 lbs	43,000 lbs
Chassis Engine	Cummins B6.7 (6.7L)	Paccar PX-9 (8.9L)
Chassis Engine Performance	260 HP (2,400 1/min)	360 HP (2,000 1/min)
Front Axle & Suspension Type	Dana E-1254W steer axle, 12k GAWR	Paccar FX-20 steer axle, 20k GAWR
Rear Axle & Suspension Type	Air spring Dana S21-140, 21k GAWR	Air spring Air Trac, 23k GAWR Single
Chassis Wheelbase	15‘ 8“	17‘ 8“
Overall Truck Length (Approx.)	31‘	32‘
Overall Truck Height (Approx.)	11‘	12 1/2‘
Turning Radius (Curb to Curb)	25.9‘	32‘
Fuel Type	Diesel	Diesel
Fuel Tank Size	80 gal	80 gal
Equipement Platform		
Material of Construction	Structural steel	Structural steel
Deck Surface	Flat sheet steel with abrasive grip tape	Flat sheet steel with abrasive grip tape
Overall Width	8‘	8‘
Overall Length	20‘	21‘
Riser Height	8“	8“
Equipement Utilities		
Auxiliary Engine	95hp Tier 4F diesel engine	95hp Tier 4F diesel engine
Air Compressor Model	Vanair ADHD 125-185 cfm hydraulic driven rotary screw compressor	Vanair ADHD 125-185 cfm hydraulic driven rotary screw compressor
Air Dryer	Dessicant air dryer	Dessicant air dryer
Hydraulic Pump	Multiple gear & piston pumps	Multiple gear & piston pumps
Hydraulic System Type	Open center, with return filter & cooler	Closed & open center, with return filter & cooler
Hydraulic Reservoir	70 gal	70 gal
Cleaner System		
Cleaner Tank Type	Non-pressure stainless steel drum tank with Binks air driven pump	Non-pressure stainless steel drum tank with Binks air driven pump
Cleaner Tank Capacity	30 gal	30 gal
Gun Flushing	Static mix & gun flushing	Static mix & gun flushing
Application Material System		
Material Tank Type	Carbon steel ASME with hot water sump	Carbon steel ASME with hot water sump
Material Tank Quantity	3	3
Material Tank Capacity	60 gal	110 gal
Material Pumps	2“ hydraulic driven gear pumps (fill) / Binks „J“ forumulators hydraulic driven 6.7 GPM (high pressure)	2“ hydraulic driven gear pumps (fill) / Binks „J“ forumulators hydraulic driven 6.7 GPM (high pressure)
Material Plumbing	2“ NPT threaded plumbing (low pressure) / Schedule 80 steel, teflon hoses rated 2,000+ psi (high pressure)	2“ NPT threaded plumbing (low pressure) / Schedule 80 steel, teflon hoses rated 2,000+ psi (high pressure)
Material Manifold Filter	Graco 30/60 mesh filters, carbon steel (high pressure)	Graco 30/60 mesh filters, carbon steel (high pressure)
Glass Bead System		
Glass Bead Tank Type	Steel ASME with (3) sight gauges	Steel ASME with (3) sight gauges
Glass Bead Tank Quantity	1	1
Glass Bead Tank Capacity	2,000 lbs	3,000 lbs
Glass Bead Loading	Vacuum fill with jet pump	Vacuum fill with jet pump
Loading Rate	200 lbs/min	200 lbs/min
Glass Bead Plumbing	2“ Sanitary and/or NPT	2“ Sanitary and/or NPT
Glass Bead Manifold	Steel with sanitary clamp end	Steel with sanitary clamp end

	EPO 180	EPO 330
Glass Bead & Paint Guns, Air Blowers		
Paint Gun Quantity	4	–
Material Guns	Spray Systems 24AUA	Spray Systems 24AUA
Material Gun Quantity	–	4
Glass Bead Guns	Graco 238-338	–
Glass Bead Gun Quantity	3	3
Air Blowers	3	3
Outrigger & Carriage Type		
Outrigger Location	Rear	Rear
Carriage Style	Parallel linkage lift with pneumatic cylinder	Parallel linkage lift with pneumatic cylinder
Outrigger Travel	39“	39“
LH Carriage Wheel Quantity	1	1
RH Carriage Wheel Quantity	1	1
Operator Area		
Operator Cover Type	Canopy	Canopy
Operator Seats	(2) Air ride vinyl high back seats	(2) Air ride vinyl high back seats
Control Box Mounts	Weatherproof enclosures on RAM ball mounts	Weatherproof enclosures on RAM ball mounts
Equipment Controls		
Outrigger Steering	Tilting & telescoping steering columns	Tilting & telescoping steering columns
Operator Console	Single rear console	Single rear console
Skip Timer Control Boxes	(2) Skipline SC-12	(2) Skipline SC-12
Digital Speed Meter	In front cab	In front cab
Lighting		
Cab Lights	Amber LED light bar	Amber LED light bar
Platform ICC Lights	3/4“ LED Marker lights	3/4“ LED Marker lights
Carriage Lights	Red/white flashers	Red/white flashers
Safety		
Fire Extinguishers	(1) 5# in cab / (1) 10# on platform	(1) 5# in cab / (1) 10# on platform
Ladders	(3) Ladders and rear steps	(3) Ladders and rear steps
Platform Railings	42“ Square tube railing / rounded corners / bolt-on	42“ Square tube railing / rounded corners / bolt-on
Heat System		
Hot Water System Heat Source	Diesel fired boiler	Diesel fired boiler
Maximum Heating Capacity	330,000 BTU/hr	330,000 BTU/hr
Hot Water Pump	330,000 BTU/hr	330,000 BTU/hr
Material Heating	(3) 4-pass 64 sq ft heat exchangers / water jacketed piping / hose heat trace / tank hot water sump	(3) 4-pass 64 sq ft heat exchangers / water jacketed piping / hose heat trace / tank hot water sump

aebi schmidt group

Aebi Schmidt North America Inc.
201 MB Lane
Chilton, WI 53014, USA
Phone: +1 800 558 5800
www.aebi-schmidt.com

© Aebi Schmidt Group
All rights reserved.
Technical data is subject to change.
Illustrations are not binding.
Errors and amendments excepted.

Document created on 7 OCT 2026

TELEMET
Efficiency Through Simplicity™

Advice, spare parts and service

Telemet · Office in Chile

Los Canteros 8723, La Reina, Santiago 7880414, Chile

Phone +56 22 356 2735

info@telemet.com

telemet.com