



PAVEMENT
PRESERVATION

MAxx-G

BERGKAMP®



MAxx-Gravity Premixed Surface Treatment Applicator



SCAN WITH
CAMERA APP

Simplify your pavement maintenance projects,
while minimizing your operating costs.

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An Easy And Cost-Effective Solution For Your Pavement Preservation Program

The MAxx-Gravity (MA30G and MA20G) Premixed Surface Treatment Applicator is the latest in pavement preservation technology from Bergkamp Inc. The MAxx Gravity is available in 3,000- and 2,000-gallon models that are specifically designed for the application of a variety of premixed frictional mastic asphalt materials, premixed slurry seals and other treatments that can extend the life of asphalt pavement by several years.

Using a premixed materials system removes many of the challenges associated with traditional slurry seal applications. Once the premixed material is loaded into the tank, the equipment simply pours it into a spreader box to apply to the existing pavement. There is no need to calibrate the machine or worry about the materials ratio. The MAxx-Gravity is so simple to use, your crews can start working with minimal training.



How the MAxx-Gravity Works:



1 All material mix design is made to precise specifications at a central mix plant, resulting in zero required operator calculations and only minor on-the-job adjustments to the spreader box and water functions. Bergkamp can help you find the right material in your area.



2 Materials can be loaded in one of two ways — either premixed at the central mix plant and shipped to you, or materials are sent to you pre-metered in proper proportions for mixing in the tank onsite.



3 Material is applied with a standard Bergkamp spreader box; augers are optional.

Equipment Benefits

- Full-length mixer and ribbon agitator mixes the material and keeps it moving inside the tank, which discourages segregation and separation.
- There is no need to calibrate the machine or worry about materials ratio.
- The unit requires only a small crew with minimal training.
- Cleanup is quick and easy using the standard 25-foot hand hose and 300-gallon water tank.
- Available in 3,000- and 2,000-gallon models.



Features

MA30G – 3,000-Gallon Material Tank (11,356 L) or MA20G – 2,000-Gallon Material Tank (7,571 L): Horizontal tank constructed of 3/16-inch A36 steel. Rear inspection platform with handrails to view rear loading hatch. A 5-inch fill port with valve and camlock fitting on the left-hand side of the tank is accessible from ground level.



Agitator and Mixer: Full-length ribbon mixer with counter-flow mixing technology keeps aggregate in suspension. Hydraulically driven and bi-directional. Speed is controlled hydraulically and maintained, regardless of truck engine speed.

Operator Platform:

Operator platform is located at the rear of the applicator on the driver side, allowing visual observation of the material as it pours into the spreader box and the application of material on the road. Allows the operator to hydraulically control the agitator on/off/speed, chute discharge valve open/close, spreader box lift, spreader box side shift, water pump on/off, spray bars on/off/flow rate and spreader box augers on/off. Gate access has a latch. Additional platform located opposite the operator platform for tool storage or access to rear inspection platform.



Water Hose:

One 25-foot hand hose at operator's station.

Discharge System:

8-inch diameter. One hand-operated positive shutoff valve. Mounted immediately adjacent to rear tank wall. One hydraulically operated chute valve to regulate material flow. Includes quick opening doors for cleanout access to 8-inch pipe from tank, as well as discharge chute.

Diverter:

Hydraulically operated urethane diverter avoids damage when lifting the spreader box, and can be angled to better control material placement in the spreader box. Diverter opens easily, with removal of one pin, for cleaning.

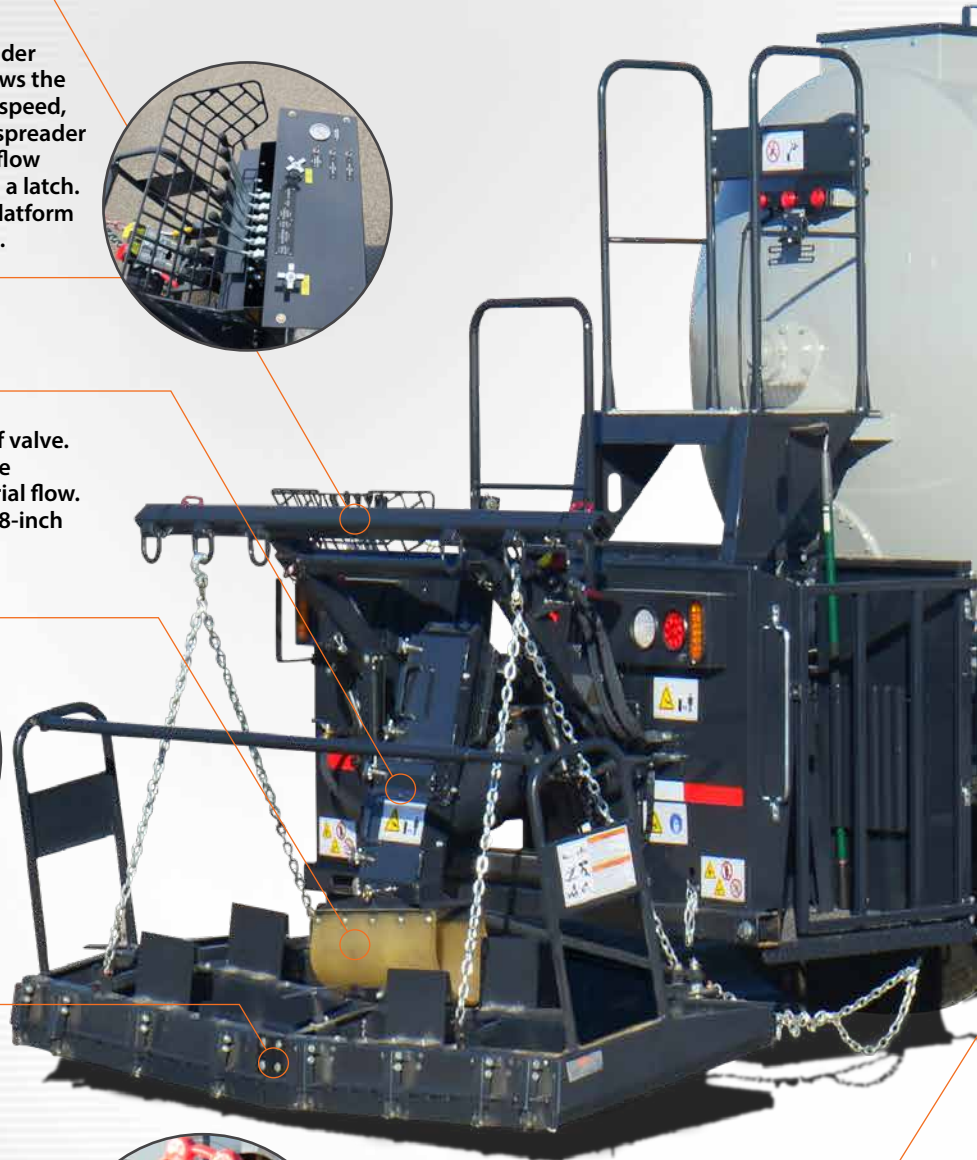


Spreader Box:

Control lift bar and side shift features are hydraulically operated. Spreader box pull points are located immediately behind the rear axle. A Bergkamp slurry seal box is recommended. We offer various sizes with or without augers.

Water Spray Bars:

One front, one rear; provide full-width misting of roadway. Independent rate and on/off control for each. On/off controlled and flow regulated from rear operator station. Strainer is included in spray bar plumbing.



Hydraulic System

Hydraulic Cooler:

12-inch x 12-inch, with 12V fan in shroud.

Hydraulic Filter:

11 microns. Spin on for ease of maintenance and service.



Hydraulic Reservoir:

35-gallon steel tank includes a level and temperature sight gauge.

Hydraulic Pump:

Variable-volume piston pump. PTO-driven to power: (1) agitator; (2) spreader box side shift; (3) material flow control valve; (4) spreader box lift bar; (5) water pump; (6) chute diverter; (7) spreader box augers.



Lights:

Taillights, turn/brake lights, license plate lights, clearance lights and conspicuity tape.

Paint:

Industrial primer and industrial enamel in Bergkamp orange, unless different color is specified by customer.

Options:

- 360-degree birds-eye camera system. Includes four cameras, mobile digital recorder, 10-inch display, wi-fi, and 4G capabilities.
- Single rear back-up camera with night vision and 7-inch in-cab display
- Work lights and beacons

300-Gallon Water Tank:

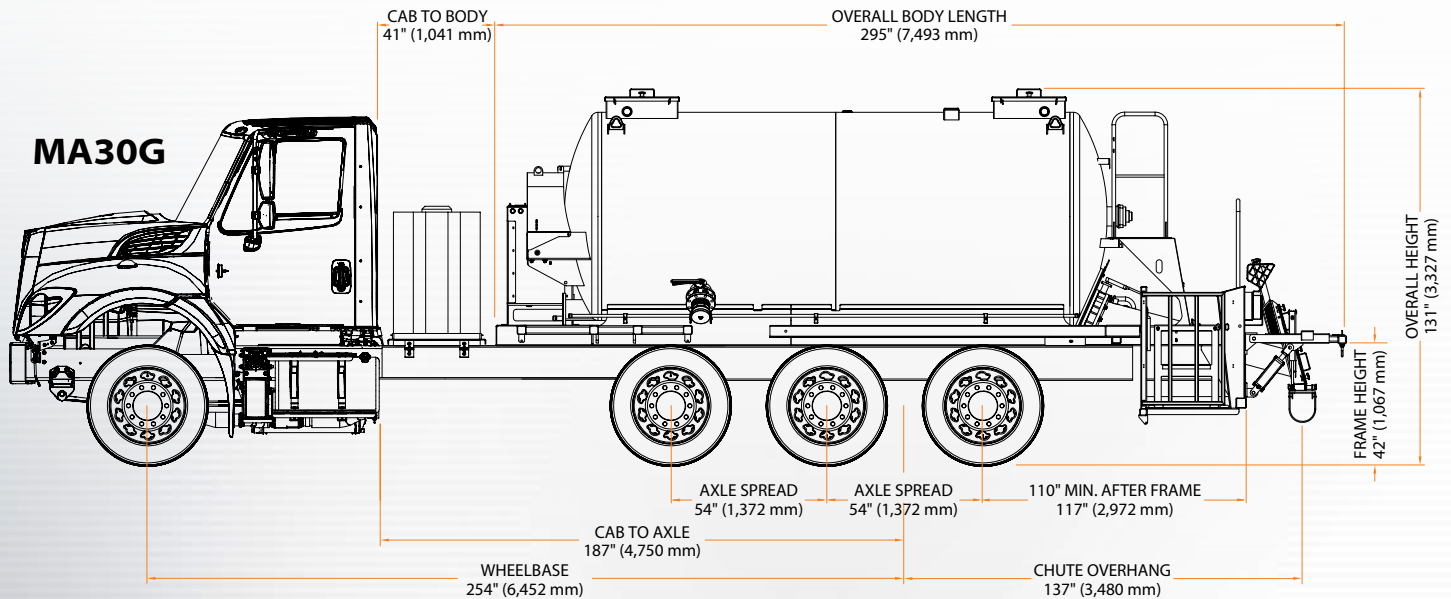
Anti-siphon. Water fill is located on the tank with a quick curbside connection for safety.

Water Pump:

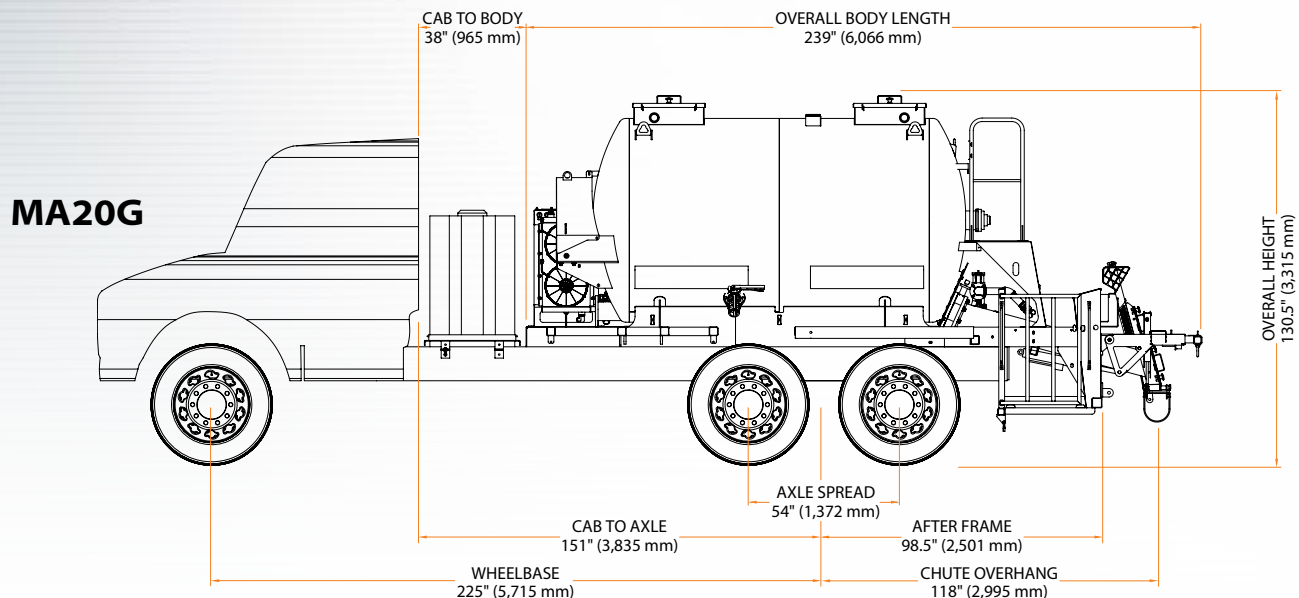
Hydraulically driven, centrifugal water pump with strainer provides water flow to pavement spray bars and hand hose.



MAxx-Gravity Truck Specifications



Truck Specifications	MA30G	MA20G
Engine	Minimum 350 hp, 1,450 ft lbs torque	Minimum 350 hp, 1,450 ft lbs torque
Transmission	Allison 4500 RDS	Allison 4500 RDS
PTO	Transmission-to-PTO speed-up ratio is 124%. The PTO must be able to be on at all times, independent of truck travel speed or engine speed.	Transmission-to-PTO speed-up ratio is 124%. The PTO must be able to be on at all times, independent of truck travel speed or engine speed.
Axle Rating	FGAWR 20,000 lb (9,072 kg) Pusher 8,800 lb (3,992 kg) RGAWR 46,000 lb (20,865 kg) GVWR 66,000 lb (29,937 kg)	FGAWR 16,000 lb (7,257 kg) Pusher 8,800 lb (3,992 kg) RGAWR 46,000 lb (20,865 kg) GVWR 62,000 lb (28,123 kg)
Empty Paver Weight	28,500 lbs (12,927 kg) with lift axle	24,500 lbs (11,113 kg)
Loaded Paver Weight	70,000 lbs (31,751 kg) maximum with lift axle	53,000 lbs (24,040 kg)
Note: End user is responsible for loading the MAxx-Gravity within the truck manufacturer's axle rating and within federal, state, and local laws.		



Premixed Materials

The MAxx-Gravity is designed to apply a variety of premixed materials that incorporate aggregate, asphalt emulsions and polymers, depending on the requirements for your individual projects.

Please **contact your Bergkamp sales representative** to discuss the appropriate materials that are available in your region.



Our dedicated technical support staff ensures the MAxx-Gravity will run at peak productivity levels.

Bergkamp Product Support

(800) 283-7226 • service@bergkampinc.com

All of Bergkamp's equipment comes with our renowned startup support, operator training and telephone technical support for the lifetime of the equipment.

Please speak with our Technical Support staff to discuss additional services we can offer. Our goal is to make sure customers receive prompt service and support to minimize costs and downtime, while boosting efficiency.



Contract #052417-BGK



Contract #SM10-16



Contract #597-19

All MAxx models are available for purchase through these government procurement services.



Providing Pavement Preservation Solutions Worldwide

Bergkamp Inc. has been an expert in pavement maintenance equipment for more than 40 years and works with customers throughout the world. The company's success continues to grow through hands-on knowledge of the industry and its products, and the company's dedication to customer support.

Bergkamp builds all-in-one truck-mounted flameless pothole patchers and easy-to-use spray injection pothole patchers. We are the only manufacturer to produce a full-size continuous slurry seal and micro surfacing paver. Bergkamp also builds a full line of truck- and trailer-mounted slurry seal and micro surfacing pavers and supporting equipment.

Contact Bergkamp today to find cost-effective solutions for extending the life of highways, roads and parking lots.



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Connect With Us



**MAxx-Spray Premixed
Surface Treatment Applicator**



**SP5E Spray Injection
Pothole Patcher**



**FP5 Flameless
Pothole Patcher**



Spreader Boxes



M1E Continuous Pavers



MS13 Mobile Support Unit



M310E Paver



EMCADS Pro System