



Truck-Mounted Paver Comparison

Model	M310	M210	M206	M216
Primary Use	Slurry Seal / Micro Surfacing	Slurry Seal / Micro Surfacing	Slurry Seal / Micro Surfacing	Slurry Seal / Micro Surfacing
Aggregate Capacity	10 yd ³ (7.7 m ³)	10 yd ³ (7.7 m ³)	6 yd ³ (4.5 m ³)	16.5 yd ³ (12.3 m ³)
Emulsion Capacity	630 gallons (2,385 liters)	600 gallons (2,270 liters)	300 gallons (1,135 liters)	1,200 gallons (4,540 liters)
Water Capacity	630 gallons (2,385 liters)	600 gallons (2,270 liters)	300 gallons (1,135 liters)	1,000 gallons (3,785 liters)
Fines Feeder	10 ft ³ (0.28 m ³)	8.5 ft ³ (0.24 m ³)	8.5 ft ³ (0.24 m ³)	8.5 ft ³ (0.24 m ³)
Additive Tank	Stainless Steel, 85 gallons (322 liters)	Stainless steel, 55 gallons (200 liters)	Stainless steel, 55 gallons (200 liters)	Stainless steel, 55 gallons (200 liters)
Production Rate	5,000 - 6,000 lbs/min	4,000 lbs/min	4,000 lbs/min	4,000 lbs/min
Aggregate System	Belt over chain, 24 inches wide, direct hydraulic drive, fixed gate opening at rear of hopper, automatic shutdown of system when aggregate is empty.	Belt over chain, 24 inches wide, variable rear gate for calibration, steep hopper walls minimize bridging, automatic shutdown of system when aggregate is empty.	Belt over chain, 24 inches wide, variable rear gate for calibration, steep hopper walls minimize bridging, automatic shutdown of system when aggregate is empty.	Belt over chain, 24 inches wide, variable rear gate for calibration, steep hopper walls minimize bridging, automatic shutdown of system when aggregate is empty.
Emulsion Pump Design	Positive displacement pump, direct hydraulically driven, heat jacketed with coolant from paver engine.	Fixed displacement gear pump, hot water jacketed, with emulsion strainer.	Fixed displacement gear pump, hot water jacketed, with emulsion strainer.	Fixed displacement gear pump, hot water jacketed, with emulsion strainer.
Emulsion Pump Operation	Re-circulates or starts and stops with mix start switch, user configurable.	Starts and stops with mix start switch.	Starts and stops with mix start switch.	Starts and stops with mix start switch.
Mixer Type	Dual shaft, fixed angle paddles, multi-paddle pugmill, dual hydraulic powered, variable speed and reversible. Replaceable bottom shell and paddle tips, hydraulic cylinder slides out pugmill for easier cleaning.	Twin paddle shafts, variable speed and reversible. Replaceable bottom shell and paddle tips.	Twin paddle shafts, variable speed and reversible. Replaceable bottom shell and paddle tips.	Twin paddle shafts, variable speed and reversible. Replaceable bottom shell and paddle tips.

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Water System	Positive displacement, hydraulic driven roller pump, independent centrifugal pump with relief line for hand hoses and spray bar.	Positive displacement roller pump for mixer water, variable speed with gpm (lpm) readout. Independent centrifugal pump for spray bars and hand hoses.	Positive displacement roller pump for mixer water, variable speed with gpm (lpm) readout. Independent centrifugal pump for spray bars and hand hoses.	Positive displacement roller pump for mixer water, variable speed with gpm (lpm) readout. Independent centrifugal pump for spray bars and hand hoses.
Additive System	Stainless steel, double welded tank, hydraulically driven, operator controlled additive flow	Additive/water mix system with independent positive displacement pumps, (10:1 ratio) mixes before entering pugmill, variable speed.	Additive/water mix system with independent positive displacement pumps, (10:1 ratio) mixes before entering pugmill, variable speed.	Additive/water mix system with independent positive displacement pumps, (10:1 ratio) mixes before entering pugmill, variable speed.
Material Control System	EMCAD System simplifies calibration through an electronic automated mixer.	Jackshaft maintains aggregate, emulsion and fines, hydraulic drive, with air clutches.	Jackshaft maintains aggregate, emulsion and fines, hydraulic drive, with air clutches.	Jackshaft maintains aggregate, emulsion and fines, hydraulic drive, with air clutches.
Engine Make	Cummins 100 HP (75 kW)	Cummins 100 HP (75 kW)	Cummins 100 HP (75 kW)	Cummins 100 HP (75 kW)
Control System	EMCAD System	Air Logic	Air Logic	Air Logic
CA or CT	CT - 141 in (3,581 mm)	CT - 153 in (3,885 mm)	CA - 112 in (2,840 mm)	Trailer-Mounted
Comments	Best compromise between turning radius and maximum legal load, ability to add tag axle under pugmill.	Allows larger legal weight capacity, ability to add tag axle under pugmill.	Short wheelbase, allows maneuverability.	Long wheelbase and multiple axles for maximum weight capacity.
Operator Station Placement	Height of truck frame	Height of truck frame	Height of truck frame	Height of truck frame
Comments	Allows tag axle under pugmill.	Allows tag axle under pugmill.	Allows tag axle under pugmill.	Allows tag axle under pugmill.
Optional Tag Axle Placement	One tag axle before drivers, one tag axle after drivers.	Two tag axles before drivers, one tag axle after.	One tag axle after driver axle.	Two fixed axles, up to two or more tag axles.
Tag Axle	Recommended	Recommended	Recommended	
Length	22.75 feet (6,934 mm)	24.7 feet (7,520 mm)	19.0 feet (5,790 mm)	31.5 feet (9,600 mm)
Width	8.25 feet (2,520 mm)	8 feet (2,440 mm)	8 feet (2,440 mm)	8 feet (2,440 mm)
Height (Above frame)	6.3 feet (1,930 mm)	6.3 feet (1,930 mm)	6.3 feet (1,930 mm)	6.3 feet (1,930 mm)
Empty Weight	13,600 lbs (6,360 kg)	14,500 lbs (6,580 kg)	12,200 lbs (5,540 kg)	15,500 lbs (7,030 kg)
Front Axle	20,000 lbs (9,070 kg)	20,000 lbs (9,070 kg)	12,000 lbs (5,400 kg)	N/A
Rear Axle Capacity	52,000 lbs (23,587 kg)	46,000 lbs (21,000 kg)	23,000 lbs (10,500 kg)	75,000 lbs (34,100 kg)

NOTE: Specifications and features subject to change without notice. Bergkamp offers a full range of options and custom models to meet your specific needs.