

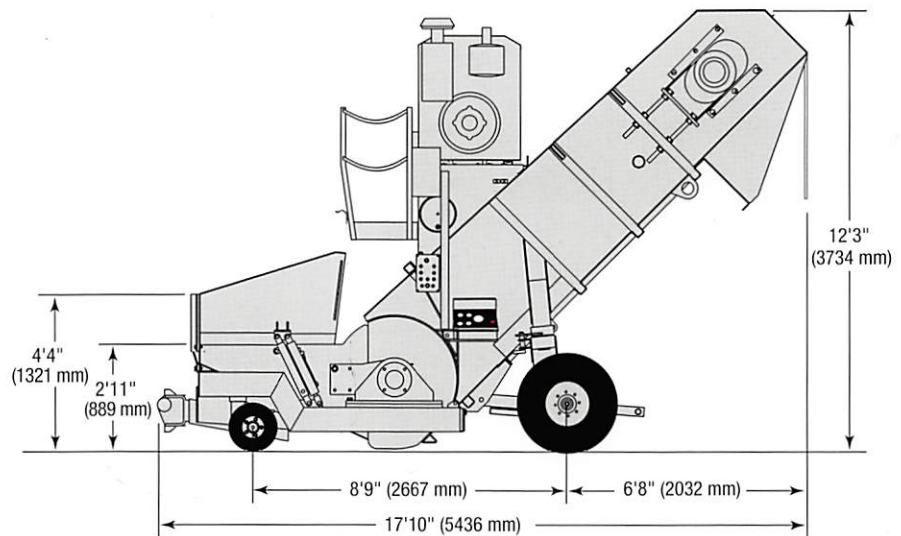
MS4 | Mat Smoothness Machine

Attaching to the paver, the MS4 delivers non-stop, continuous paving capabilities.

Patented shock-absorbing, oscillating push rollers eliminate truck "bumping" to reduce screed settling, improving overall mat quality and smoothness.

Large-pitch, in-hopper augers rebblend asphalt to aid in the reduction of segregation.

The MS4 delivers the lowest overall cost of operation. The MS4 has few moving parts, low fuel consumption and eliminates the need for an additional operator.



Standard Features

- Dual elevator roller chains with bolt-on flights
- Variable hydrostatic drive with two planetary gear boxes and drive motors on head shaft
- High alloy floor liners
- Segmented head and tail shaft sprockets
- Reversible elevator to clear obstructions
- Double seal on head shaft at gearbox
- Tilting hopper with integral clean-out door
- Large-pitch, in-hopper blending augers
- Power adjustable hopper feed gate
- Diesel spray-down system
- Heavy-duty pivots, front and rear
- Dual caster wheel design
- Quick-tach, telescoping style, paver attachment
- Removable pintle hitch
- Elevator rear discharge hood removable for easy maintenance and service
- Shock absorbing, adjustable-position, oscillating push rollers
- Engine instrumentation at ground level
- Sonic sensor control for hopper feed gate (senses paver hopper level)
- Hydraulic leveling
- Dual position rear wheel caster pin lock
- Remote control to allow operation from paver

Mat Smoothness Machine

Weight	22,500 lbs (10,206 kg)
Travel width	126 in (3,201 mm)
Capacity (max theoretical)	1320 TPH (1,199 t/hr)

Engine

Make	Cummins
Type	Diesel
Model	QSB4.5
Horsepower	110 hp (82 kW) @ 2200 rpm
Electrical	12 volt
Environmental	Tier 2 compliant

Hopper

Width	120 in (3048 mm)
Capacity	120 ft ³ (3.4 m ³)
Blending auger diameter	39 in (991 mm)

Tires

Front (4)	16 x 6 in (406 x 152 mm) solid
Rear (4)	8.25 x 15 in (210 x 381 mm) 18-ply

Elevator

Width	60 in (1524 mm)
Flight construction	Bolt-on
Flight size	6 x 4 x 1/2 in (152 x 102 x 13 mm)
Roller chain type	B1
Roller chain pitch	5.51 in (140 mm)
High alloy liners	3/8 in (10 mm)

Capacities

Diesel fuel	60 gal (227 L)
Hydraulic oil	46 gal (174 L)
Cooling system	7.1 gal (27 L)

Optional Equipment

- Truck hitch
- Paver hopper feed gate indicator lights
- 30 ft (9144 mm) hose reel for spray-down
- Spare tire
- Night lighting package
- Upper and lower hopper insert for paver

