



## MS4 MAT SMOOTHNESS MACHINE



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#### Features:

- Continuous paving capabilities
- Patented shock-absorbing push rollers
- Large-pitch, in-hopper rebinding augers
- Optimized elevator angle
- Eliminates the need for a second operator
- Production rates reaching 1,320 tons/hr (1,199 t/hr)

## MS4 Mat Smoothness Machine Specifications

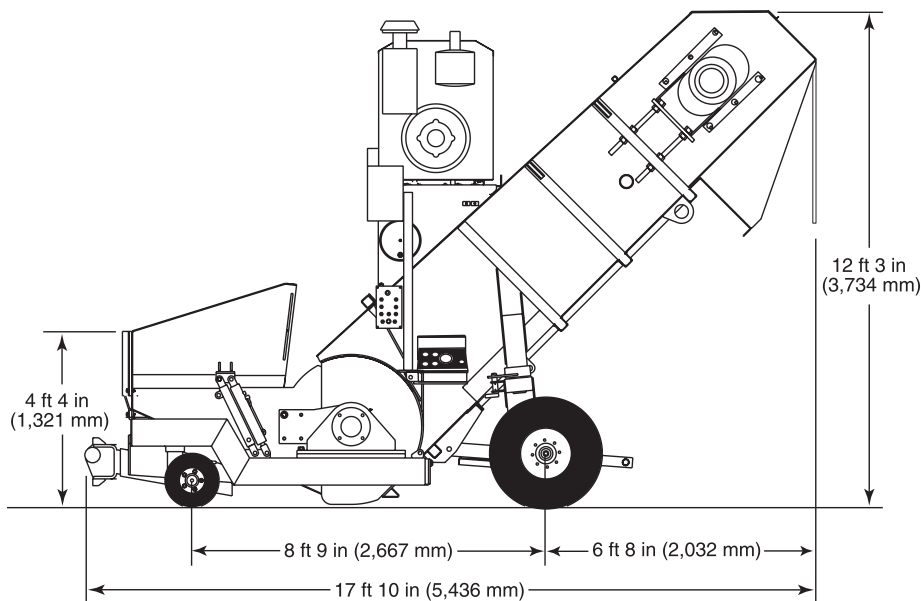
Attaching to the paver, the MS4 delivers non-stop, continuous paving capabilities. Patented shock-absorbing, oscillating push rollers eliminate truck "bumping" to reduce screed settling, improving overall mat quality and smoothness. Large-pitch, in-hopper augers reblend asphalt to aid in the reduction 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 lb (10,206 kg)
Travel width	126 in (3,201 mm)
Capacity (max theoretical)	1,320 TPH (1,199 t/hr)



### Engine

Make	Cummins
Type	Diesel
Model	QSB4.5
Horsepower	121 hp (90 kW) @ 2,200 rpm
Electrical	12 volt
Environmental	Tier 3 compliant

### Hopper

Width	120 in (3,048 mm)
Capacity	120 ft³ (3.4 m³)
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 (1,524 mm)
Flight construction	Bolt-on
Flight size	6 x 4 x 0.5 in (152 x 102 x 13 mm)
Roller chain type	B1
Roller chain pitch	5.51 in (140 mm)
High-alloy liners	0.375 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 (9,144 mm) hose reel for spray-down
Spare tire
Night lighting package
Upper and lower hopper insert for paver

Effective Date: December 2008. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex makes no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade names of Terex Corporation and/or its subsidiaries in the USA and other countries. All rights are reserved. Terex is a registered trademark of Terex Corporation in the USA and many other countries. Copyright 2008 Terex Corporation.

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