## Material Transfer Device

**Cedarapids MS4**

**KEY FEATURES**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
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<tbody>
<tr>
<td>121 hp Cummins Tier 4i diesel engine</td>
<td>Optimized elevator angle</td>
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<td>Continuous paving capabilities</td>
<td>Eliminates the need for a second operator</td>
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<td>Patented shock-absorbing push rollers</td>
<td>Production rates reaching 1320 TBH (1199 t/hr)</td>
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<tr>
<td>Large-pitch, in-hopper reblending augers</td>
<td>Variable hydrostatic drive</td>
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Technical Specifications

Cedarapids MS4

Standard Equipment
- Cummins QSB4.5 Tier 4i engine
- Dual elevator roller chains with bolt-on flights
- Variable hydrostatic drive with two planetary gear boxes and drive motors on head shaft
- High alloy cast 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
- Three-point suspension
- Dual position rear wheel caster pin lock
- Remote control operation from paver

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
- Lower hopper insert for paver

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Dimensions in inches (mm)

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<thead>
<tr>
<th></th>
<th>A</th>
<th>C</th>
<th>H</th>
<th>L</th>
<th>L1</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS4</td>
<td>105</td>
<td>52</td>
<td>147</td>
<td>80</td>
<td>214</td>
</tr>
<tr>
<td></td>
<td>(2667)</td>
<td>(1321)</td>
<td>(3734)</td>
<td>(2032)</td>
<td>(5436)</td>
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Technical Data

Mat Smoothness Machine
- Weight ........................................ lbs (kg) 22500 (10206)
- Travel width ................................ in (mm) 126 (3201)
- Capacity (max theoretical) .............. TPH (t/hr) 1320 (1199)

Engine
- Manufacture .................................. Cummins QSB4.5
- Tier Compliance .......................... Tier 4i
- Performance .............................. hp (kW) 121 (90)
- Speed ........................................ rpm 2200
- Electrical .................................. V 12

Hopper
- Width ........................................ in (mm) 120 (3048)
- Capacity .................................. ft³ (m³) 120 (3.4)
- Blending auger diameter .............. in (mm) 39 (991)

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

Elevator
- Width ........................................ in (mm) 60 (1524)
- Flight construction ...................... Bolt-on
- Flight size ................................ in (mm) 6 x 4 x .5 (152 x 102 x 13)
- Roller chain type ......................... B1
- Roller chain pitch ....................... in (mm) 5.51 (140)
- High alloy cast floor liner thickness .... in (mm) 0.375 (10)

Capacities
- Diesel fuel ................................. gal (l) 60 (227)
- Hydraulic oil .............................. gal (l) 46 (174)
- Cooling system ............................ gal (l) 7.1 (27)

Technical modifications reserved. Machines may be shown with options.