

Montana Department of Transportation Bridge Bureau Approved Construction Equipment List

Make:	<i>Bomag</i>
Model:	<i>Cedarapids MS2</i>
Equipment Type:	<i>Pickup Machine</i>
Contractor Modifications:	<i>None</i>

Interstate Approval Conditions

Approval Type	<i>Crossing Only</i>
Speed:	<i>No Restriction</i>
Weight:	<i>14,500 lb or less</i>
Traffic:	<i>Approved with regular traffic</i>
Location Restrictions:	<i>Remain in painted lane</i>

Non-Interstate Approval Conditions

Approval Type	<i>Crossing Only</i>
Speed:	<i>No Restriction</i>
Weight:	<i>14,500 lb or less</i>
Traffic:	<i>Approved with regular traffic</i>
Location Restrictions:	<i>Remain in painted lane</i>

Comments:

Equipment configuration, weights, and specifications on following pages. Approval does not apply to posted bridges. Other construction equipment is not allowed to operate on or cross bridge at the same time this equipment is on the bridge. Equipment must be empty while crossing.



BOMAG
FAYAT GROUP

Pickup Machine **Cedarapids® MS2**



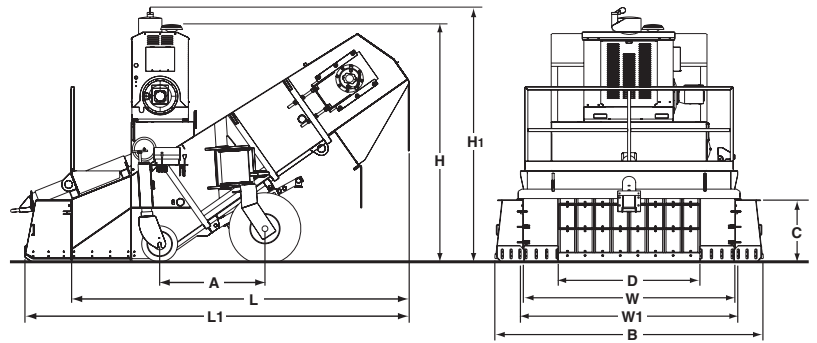
KEY FEATURES

- 121hp Cummins Tier 3 diesel engine
- 1320 tons/hr (1199 t/hr) max capacity
- Variable hydraulic elevator drive
- Design improves mat quality
- Hydraulic leveling
- Adjustable front scraper blade
- Transportable on 8 ft trailer
- Hydrostatic drive



Technical Specifications

Cedarapids® MS2



Standard Equipment

- Dual elevator roller chains with bolt-on flights
- Variable hydrostatic drive
- Two planetary gear boxes and drive mount motors on head shaft
- High-alloy floor liners
- Segmented head shaft sprockets and tail shaft idlers
- Reversible elevator to clear obstructions
- Double seal on head shaft gearbox
- Adjustable front scraper blade
- Rear wheel width allows loading on an 8 ft (2400 mm) trailer
- Three-point suspension
- Hydraulic front leveling
- Front and rear heavy-duty pivots
- Solid rubber front tires
- Pneumatic rear tires
- Telescoping Quick-tach paver attachment
- Pintle hook with telescoping pull hitch
- Removable elevator rear-discharge hood
- Engine instrumentation at ground level
- Operator controls on both sides

Optional Equipment

- Diesel spray-down hose reel
- Lower hopper insert for paver
- Radio remote control

Dimensions in inches (mm)

	A	B	C	D	H	H ₁	L	L ₁	W	W ₁
MS2	53 (1348)	124 (3150)	31 (789)	60 (1524)	119 (3031)	128 (3251)	170 (4320)	194 (4917)	95 (2413)	102 (2591)

Technical Data

Weights

Weightlbs (kg)
Capacity (max theoretical)TPH (t/hr)

BOMAG MS2

14500 (6577)
1320 (1199)

Engine

Engine manufacturer
Tier Compliance
Fuel Type
Performancehp (kW)
Speedrpm
ElectricalV

Cummins QSB4.5
Tier 3
Diesel
121 (90)
2200
12

Elevator

Width in (mm)
Flight construction
Flight size in (mm)
Roller chain type
Roller chain pitch in (mm)
High-alloy liners in (mm)

60 (1524)
Bolt-on
6 x 4 x 0.5 (152 x 102 x 13)
B1
5.51 (140)
0.375 (10)

Tires

Front (2) in (mm)
Rear (2) in (mm)

18 x 9 (457 x 229) solid
8.25 x 15 (210 x 381) 14-ply

Capacities

Diesel fuel gal (l)
Hydraulic oil gal (l)
Cooling system gal (l)

55 (208)
43 (163)
7.1 (27)

Technical modifications reserved. Machines may be shown with options.