MONTANA
Department of Transportation

MDT-BRG-015 04/23

Montana Department of Transportation
Bridge Bureau
Approved Construction Equipment List

Make:	*Bomag*
Model:	*Cedarapids MS2*
Equipment Type:	*Pickup Machine*
Contractor Modifications:	*None*

Interstate Approval Conditions

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

Non-Interstate Approval Conditions

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

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

Cedarapids® MS2

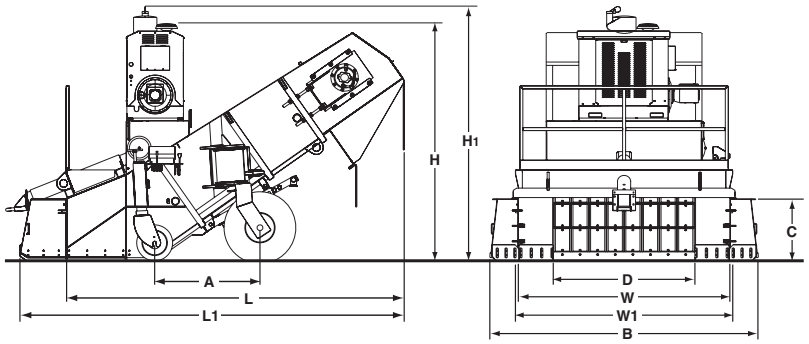


KEY FEATURES

www.bomag.com/us

Technical Specifications

Cedarapids® MS2



Standard Equipment

- [x] Dual elevator roller chains with bolt-on flights
- [x] Variable hydrostatic drive
- [x] Two planetary gear boxes and drive mount motors on head shaft
- [x] High-alloy floor liners
- [x] Segmented head shaft sprockets and tail shaft idlers
- [x] Reversible elevator to clear obstructions
- [x] Double seal on head shaft gearbox
- [x] Adjustable front scraper blade
- [x] Rear wheel width allows loading on an 8 ft (2400 mm) trailer
- [x] Three-point suspension
- [x] Hydraulic front leveling
- [x] Front and rear heavy-duty pivots
- [x] Solid rubber front tires
- [x] Pneumatic rear tires
- [x] Telescoping Quick-tach paver attachment
- [x] Pintle hook with telescoping pull hitch
- [x] Removable elevator rear-discharge hood
- [x] Engine instrumentation at ground level
- [x] 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	H1	L	L1	W	W1
MS2	53	124	31	60	119	128	170	194	95	102
	(1348)	(3150)	(789)	(1524)	(3031)	(3251)	(4320)	(4917)	(2413)	(2591)

Technical Data	BOMAG MS2
Weights	
Weight ..... lbs (kg)	14500 (6577)
Capacity (max theoretical) ..... TPH (t/hr)	1320 (1199)
Engine	
Engine manufacturer	Cummins QSB4.5
Tier Compliance	Tier 3
Fuel Type	Diesel
Performance ..... hp (kW)	121 (90)
Speed ..... rpm	2200
Electrical V	12
Elevator	
Width ..... in (mm)	60 (1524)
Flight construction	Bolt-on
Flight size ..... in (mm)	6 x 4 x 0.5 (152 x 102 x 13)
Roller chain type	B1
Roller chain pitch ..... in (mm)	5.51 (140)
High-alloy liners ..... in (mm)	0.375 (10)
Tires	
Front (2) ..... in (mm)	18 x 9 (457 x 229) solid
Rear (2) ..... in (mm)	8.25 x 15 (210 x 381) 14-ply
Capacities	
Diesel fuel ..... gal (l)	55 (208)
Hydraulic oil ..... gal (l)	43 (163)
Cooling system ..... gal (l)	7.1 (27)

Technical modifications reserved. Machines may be shown with options.

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