

HEM PAVING

SIMPLY GREAT MACHINES

8-15 SlipForm Paver



Individual Solutions for all Your Paving Needs



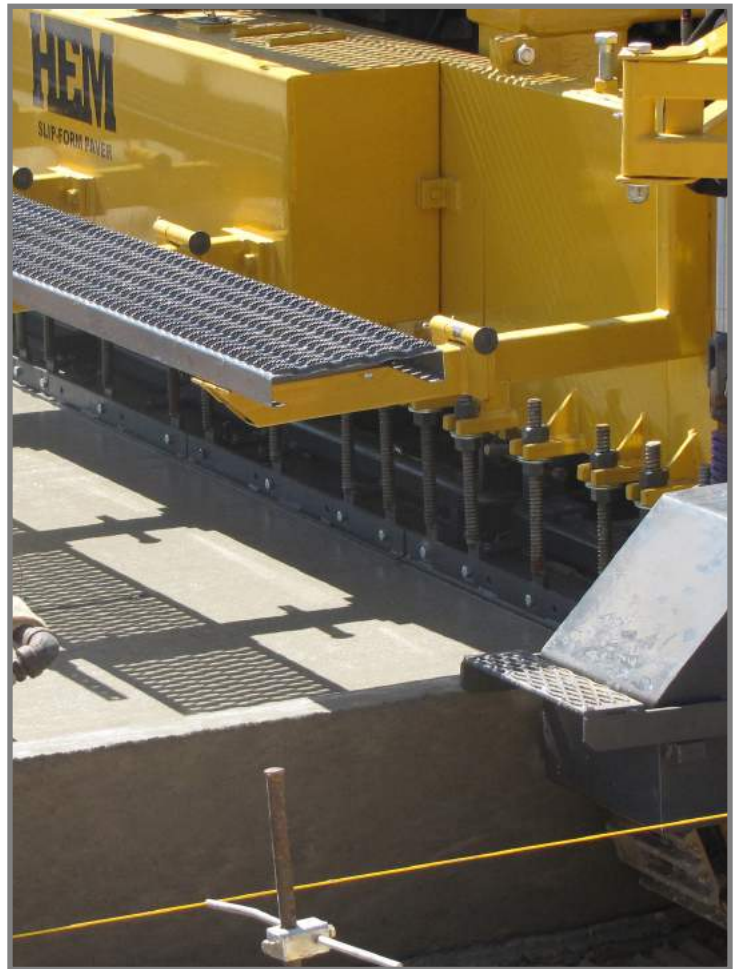
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HEAVY EQUIPMENT MFG • 601 E FIRST ST • GRUNDY CENTER, IA 50638



Optional Equipment (not included in base machine)

- Poly Pads
- Additional Complete Frame Extension Assemblies
- Additional Hydraulic Vibrators
- Curb Molds Built To Customer Specification
- Male Side Form Key
- Hydraulic Center Bar Inserters With Electronic Indicator
- Hydraulic Side Bar Inserter With Electronic Indicator
- Hydraulic Oscillating Rear Belt Finisher With Variable Speed Control
- Hydraulic Curb Shut-Off For Curb Molds
- Manual Curb Shut-Off For Curb Molds
- Belt Conveyor For Unloading Transit Mixer Off-Grade
- Additional Complete Frame Extension Assemblies
- Additional Hydraulic Vibrators
- Sensor For Reverse Steering And Travel
- Water Fogging Bar (For Watering Burlap)
- Additional 8 Port Vibrator Manifold
- 4 Point Outrigger Lift
- Hydraulic Oscillating Auto Float
- Hydraulic Edge Slump Control (In Lieu Of Manual)
- Metal Keyway Former And Punch Assembly





Standard Specifications for HEM 8-15 SlipForm Paver

170HP Turbocharged Diesel Engine -

- 170 hp (126.77kW) Tier III
- enclosed engine compartment
- engine sound proofing

Hydraulic Oil Reservoir 164 Gallon (624.59 Liter)

Fuel Reservoir 60 Gallon (227.12 Liter)

1 Hydraulic System Heat Exchangers

- with electric fan

6 Hydraulic Vibrators

- vertical adjustment controlled from operator platform
- individual or en-masse vibrator speed controls
- automatic shut-off with machine travel
- maximum flow 4 gallon (15.14 liter) per minute
- normal operating pressure 800 - 1300 psi

6 Hydraulic Vibrator Circuits

- with individual variable controls
- pressure compensated

Hydraulic Pump System

- (2) quad stage hydraulic pumps
- (1) pressure relief manifold for convenient pressure monitoring and pressure adjustments

Two Crawler Tracks

- length: 11 ft. 11inch (3.63 m)
- width: 12 inch (30 cm)
- 6 inch (30 cm) pitch - triple grouser shoes
- 49:1 gear reduction
- sealed, lifetime lubricated rollers

8 Ft. - 15 Ft. (2.43 M - 4.57 M) Paving Width by 6 inch (15 cm) increments

- 8 ft. (2.43 m) main frame (minimum width) paving pans
- bolt-together sections to allow for paving 8 ft. - 15 ft. (2.43 m - 4.57 m) by 6 inch (15 cm) increments 3/8 inch thick x 18 inch high x 42 inch long (9 mm thick x 45 cm high x 107 cm long)
- curb mold inserts for right and/or left side
- 8 inch (20.3 cm) trailing pan extensions with vertical stabilizers at 1 ft. (30.5 cm) intervals for fine adjustment and rigidity

Hydraulically Powered Split Tamper Bar System

- adjustable tamping depth
- variable speed
- double bar system

Hydraulically Adjustable Side Forms

- 6 way hydraulic adjustment
- split 30 inch (76 cm) high side forms - folding inward for transport
- side forms attach to the main frame of the machine, not tracks
- 18 inch (45 cm) vertical stroke, 4 inch (10 cm) horizontal stroke
- adjustable edge slump control
- hydraulically controlled from ground and operators platform

Spreader Auger System

- 16 inch (41 cm) diameter, split reversible, heavy duty augers, variable speed
- planetary drives
- augers are adjustable for height
- augers drives are shielded from wet concrete
- quick disconnect for width changes

Hydraulic Strike-Off

- hydraulically controlled strike-off plates
- individual controls for variable crown paving

Grade Control System

- 4 hydraulic stringline sensors
- automatic and manual control from operator's platform
- system works with two string lines, or "lock to grade"

Steering System

- 1 hydraulic stringline sensor
- steer from right or left hand side of machine
- automatic and manual steering, controlled from operator's platform

Power Wash System

- (1) 110 gallon (416 cm) water tanks
- 2000 psi, 4 gallon (15 liter) per minute hydraulic power wash pump
- 25 ft. (7.6 m) high pressure hose and wand

Intermittent Shut-Down System

- single switch operation
- electronic over hydraulic
- controls all critical functions of machine: grade, travel, tamper, vibration, belt finisher

Operator's Platform

- hydraulic system pressure gauges: grade, travel, vibrator, tamper, auger
- hydraulic controls: travel, vibrator, tamper, pressure wash, strike-off, auger, grade
- high visibility "wrap around" console
- engine controls and monitoring devices mounted on console
- safety railing
- engineered for easy monitoring of all machine functions
- canopy

Transport Dimensions

- width: 11 ft. 11 inch (3.63 m)
- length: paving width plus 4 ft. (121 cm), 2 ft. (60 cm) each side for track and end frame
- base machine weight - (8 ft. / 2.43 m): 36,600 lbs. (16636 kg)
- full width weight - (15 ft. / 4.57m): 40,500 lbs. (18409 kg)