

HEM PAVING

SIMPLY GREAT MACHINES

12-27 SlipForm Paver



Individual Solutions for all Your Paving Needs



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Optional Water Fogging Bar



Optional Auto Float

Optional Equipment (not included in base machine)

- Poly Pads
- Additional Complete Frame Extension Assemblies
- Additional Hydraulic Vibrators
- Curb Molds Built to Customer Specifications
- Male Side Form Key
- Hydraulic Center Bar Inserter with Electronic Indicator
- Hydraulic Side Bar Inserter with Electronic Indicator
- Hydraulic Oscillating Rear Belt Finisher
- Hydraulic Curb Shut-Off for Curb Molds
- Curb Shut-Off for Curb Molds
- Belt Conveyor for Unloading Transit Mixer Off-Grade
- 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
- Optional Track Lengths and Width



Standard Specifications for HEM 12-27 SlipForm Paver

CAT C7 Turbocharged Diesel Engine -
240 hp (179 kW) Tier III
enclosed engine compartment
engine sound proofing

Hydraulic Oil Reservoir 211 gallon (798 liter)

Fuel Reservoir 116 gallon (440 liter)

2 Hydraulic System Heat Exchangers
with electric fan

16 Hydraulic Vibrators
vertical adjustment controlled from operator's 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

16 Hydraulic Vibrator Circuits
with individual variable controls
pressure compensated

Hydraulic Pump System
(2) triple stage hydraulic pumps
(1) double stage hydraulic pump
one pressure relief manifold for convenient
pressure monitoring and pressure adjustments

Two Crawler Tracks
length: 11 ft. 11 inches (3.65 m)
width: 12 inches (30 cm)
6 inch (15 cm) pitch - triple grouser shoes
101:1 gear reduction
sealed, lifetime lubricated rollers

12 ft. - 27 ft. (3.65 m - 8.2 m) Paving Width
by 6 inch (15 cm) increments
12 ft. (3.65 m) main frame (minimum width)
additional paving width to 35 ft. (10.67 m) is optional

Paving Pans
bolt-together sections to allow for paving
12 ft. - 27 ft. (3.65 m - 8.2 m) by 6 inch (15 cm) increments
3/8 inch thick x 18 inch high x 52 inch long
(9 mm thick x 45 cm high x 132 cm long)
power crown "on-the-go" for uninterrupted paving
through transitions and intersections
tamper and vibrator rack follow vertical movement of pans
hydraulic power crown controlled from operator console
crown gauge indicator
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
operator's 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

(2) 110 gallon (416 liter) 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

Specifications & Materials subject to change.