12-27 - SlipForm Paver
Optional Equipment (not included in base machine)

- Poly Pack
- 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 Curbed 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 Shunt Control (in lieu of manual)
- Metal Keyway Former and Punch Assembly
- Optional Track Lengths and Width

Authorized India Representative:
www.apolloinfraitech.com
SlipForm Pavers - HEM 12-27 Slip Form Paver Manufacturer in India

Standard Specifications for HEM 12-27 SlipForm Paver

CAT C7 Turbocharged Diesel Engine -
- 240 hp (187 kW) Tier III
- enclosed engine compartment
- engine sound proofing

Hydraulic Oil Reservoir 211 gallon (788 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 shutoff with machine travel
- maximum low 4 gallon (15.14 liter) per minute
- normal operating pressure 800 - 1300 psi

16 Hydraulic Vibration 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 consistent pressure monitoring and pressure adjustments

Two Crawler Tracks
- length: 11 ft, 11 inches (3.55 m)
- width: 12 inches (30 cm)
- 6 inch (15 cm) pitch - triple grouser shoes
- 100:1 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 up to 35 ft, (10.67 m) is optional

Paving Pans
- built 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 mm thick x 3/2 inch long
- 9 mm thick x 45 cm high x 132 cm long
- power crown "on the go" for unpaved 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 mood inserts for right and/or left side
- 8 inch (20.3 cm) cutting pan extensions with vertical tamper extensions
- cutters at 1 ft. (30.5 cm) intervals for the adjustment and ripper

Hydraulically Powered Split Tamper Bar System
- adjustable tampering depth
- variable speed
- double bar system

Hydraulically Adjustable Side Forms
- 4 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
- tamper is hydraulically controlled from ground and operator's platform

Spreader Auger System
- 16 inch (41 cm) diameter, split reversible, heavy duty augers, variable speed, planetary drive
- augers are adjustable for height
- augers 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 string line sensors
- automatic and manual control from operator's platform
- work with two string lines, or "lock to grade"

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

Power Wash System
- (2) 116 gallon (416 liter) water tanks
- 2000 psi, 4 gallon (15 liter) per minute hydraulic water wash pump
- 25 ft, (7.6 m) high pressure hose and wand

Intermittent Shut-Down System
- single switch operation
- electronic on/oof hydraulic control at critical functions of machine
- grade, travel, tamper, vibration, belt drive

Operator's Platform
- hydraulic 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

Additional Options Available: Consult our Authorized India Representative on the mentioned contact details

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