

# HEM PAVING

*SIMPLY GREAT MACHINES*

## 12-27 Form Riding Paver



**Individual Solutions** for all Your Paving Needs



[www.hempaving.com](http://www.hempaving.com) • [info@hempaving.com](mailto:info@hempaving.com)  
**319-824-3011**

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





**Hydraulic Oscillating  
Rear Belt Finisher**

## **Optional Equipment (not included in base machine)**

**Additional Hydraulic Vibrators**

**Curb Molds Built To Customer Specification**

**Hydraulic Center Bar Inserters with Electronic Indicator**

**Hydraulic Oscillating Rear Belt Finisher with Variable Speed Control**

**Hydraulic Curb Shut-Off For Curb Molds**

**Front Delivery Belt**

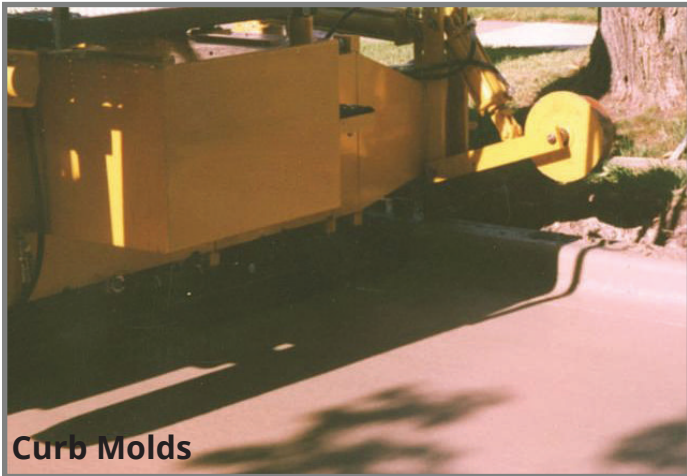
**Power Back-Up Wheels**

**Water Fogging Bar (For Watering Burlap)**

**Additional 8 Port Vibrator Manifold**

**Additional Complete Frame Extension Assemblies**





Curb Molds







## Standard Specifications for HEM 12-27 Form Riding Paver

### C6.6 Caterpillar Turbocharged Diesel Engine -

- 175 HP (130 kW) Tier III
- enclosed engine compartment
- engine sound proofing

### Hydraulic Oil Reservoir 161 Gallon (609 Liter)

### Fuel Reservoir 52 Gallon (197 Liter)

### 1 Hydraulic System Heat Exchanger

- with electric fan

### 12 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

### 12 Hydraulic Vibrator Circuits

- with individual variable controls
- pressure compensated

### Hydraulic Pump System

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

### 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 )
- 24 inch (61 cm) structural frame
- frame extensions included in standard width package: (2) 4 ft. (122 cm), (2) 2 ft. (61 cm) (2) 1 ft. (30 cm), (2) 6 inch (15 cm)

### Hydraulic Spreader Box Lift

- lift controlled at operator's platform
- machine is less than 8 ft. 6inch (2.59 m) wide when folded for transport
- single lever control

### 4 Form Riding Wheels

- hydraulically controlled rear form wheels (non-powered)
- wheels are urethane covered for durability
- adjustable front form wheels

### Paving Pans

- bolt-together sections to match frame extensions  
1/4 inch x 18 inch x 48 inch  
6.35 mm x 45.7 cm x 1.22 m
- pans installed with 6 bolt "quick disconnect" mounting
- hydraulic power crown controlled from operator console
- curb mold inserts for right and/or left side

### Hydraulically Powered Split Tamper Bar System

#### Spreader Auger System

- 16 inch (40.6 cm) diameter, split reversible, heavy duty augers

#### Hydraulic Strike-Off

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

#### Steering System

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

#### Power Wash System

- (2) 65 gallon (242 liter) water tank
- 2500 psi, 4 gallon (15.1 liter) per minute hydraulic power wash pump
- 25 ft. (7.6 m) high pressure hose and wand

#### Single Axle Transport System

- hydraulically controlled transport axles
- single lever control from operator's platform
- wheels fold up during paving
- heavy duty towing hitch for travel removes for paving

#### Emergency Shut-Down System

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

#### Operator's Platform

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

Material and Specifications subject to change without notification