

# STANDARD SPEC SHEET

## FRP 12-27 - HYDRAULIC FORM RIDING PAVER

---

### **Turbocharged Diesel Engine\* -**

- 175 HP (130 kW) Tier IV
- 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**

### **14 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
- 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. 6-inch (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 ¼-inch x 18-inch x 48-inch (6.35 mm x 45.7 cm x 1.22 m)
- pans installed with 6 bolts
- “quick disconnect” mounting
- hydraulic power crown controlled from operator’s 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 tanks
- 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