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JMG Equipment Company's 314 tow type paver has a 20-25HP propane fueled engine which drives a 3 stage hydraulic pump. The 314 paver comes with a manual hydraulic pump as a backup. The 3 ton capacity hopper is held to the truck with hydraulic tow arms. Material flow from the fixed deck paver is controlled via two (2) hydraulic gates that can be operated simultaneously or independently. The gate hydraulic circuit will contain pilot operated check valves to prevent the gates from creeping open during transport. With a weight of approximately 4300lb the paver is easily raised by the screed lift cylinder for ease of maneuvering from job to job. The hopper rides on 8 rubber on iron wheels standard. The optional hopper mounted auger helps to distribute the material from the Rh or Lh side of the machine with the simple actuation of a switch. This can be beneficial when paving on banked roads or paving thicker on one side of the screed than the other. The auger control has an electric over hydraulic valve that allows the auger to be reversed.

The screed has the capacity to pave from 8' to 14' (optional ditch plates allow paving from 14" to 82"). Ditch plates are used to pave cart paths or to cover trench work that has been done. The augers in the screed are ran in reverse to feed the material to the center of the screed. The screed will pave from 0-6" thick. There are hydraulic augers mounted on the screed extensions to feed the material manually or automatically. The screed on the 314 is capable of paving with a 3" crown or invert. The hardened bolt on screed wear plates are heated by the same propane tank that fuels the engine.

#### **Tow Type 314 Technical Specifications**

Weight- 4800 lbs  
OAW- 102" w/o Strike Off Shoes  
OAL- 75"  
OAH- 60"

#### **Drive:**

Engine Type: Kohler CH740 or equiv.  
Performance SAEJ1349: 20-25 hp  
Fuel: Propane  
Cooling: Air

#### **Hopper:**

Capacity- 3 tons  
Wings- Hydraulic  
Deck- Fixed

#### **Screed:**

Paving Width- 8'-14' (14"-82" with optional ditch plates)  
Paving Depth- 0-6"  
Heated- Propane  
Crown/Invert- 3"/3"  
Wear Plates: 1/4" Bolt-on Hardox 450 or equiv.

#### **Standard Equipment**

Yellow Paint  
Dual 4ft Hydraulic Hopper Gates  
Rubber on Iron Wheels (8)  
Washdown Tank and Pump  
Propane Heated Screed  
Hydraulic Screed Extensions  
Hydraulic Screed Lift

#### **Optional Equipment**

Ditch Plates  
Hopper Mounted Auger