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JMG Equipment Company's 414 tow type paver has a 20-25HP propane fueled engine which drives a 3 stage hydraulic pump. The 414 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 4500lb 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"). 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 414 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 414 Technical Specifications

Weight- 5300 lbs
OAW- 102" w/o Strike Off Shoes
OAL- 75"
OAH- 60"

Drive:

Engine Type: Kohler CH740 LP 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.
Hydraulic Depth Adjustment

Standard Equipment

Yellow Paint
Back Up Hydraulic System
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