

M 6040



LEADERS IN CONCRETE SLIPFORMING

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SPECIFICATIONS

HYDRAULIC VARIABLE WIDTH (HVW)

The frame can be extended hydraulically by up to 6 ft (1,8 m) on either side, allowing paving from 8 ft 3 in to 20 ft (2,5 m - 6,0 m)

ENGINE

CAT C 4.4 176 hp (131 kw) Stage V turbo-charged, air cooled diesel engine

FUEL TANK

68 Gal (260 L) capacity fuel tank

WATER SYSTEM

99 Gal (375 L) water tank with high pressure water/wash system with hose and nozzle

LEGS

4 hydraulically actuated square to round leg columns

TRACKS

4 x 5 ft 3 in (1,6 m) long and 14 in (356 mm) width steel (optional poly pads)

DRIVE

Hydrostatic drive from engine mounted variable displacement pump to track frame mounted motors and gearboxes

OPERATING SPEED

0 – 22 ft/min (0 – 6,7 m/min)

TRAVEL SPEED

0 – 90 ft/min (0 – 22 m/min)

PLOW

Variable width, telescoping sub frame, adjusts with mainframe width changes, variable speed and manual hydraulic depth control

MOLD

Hydraulically adjustable tandem mold with built-in water ballast storage of 105 gal (400 L) per tank

VIBRATORS

15 hydraulically driven with quick mount, Vibrator Flow Control, Individual variable control from operator's platform

PAN FINISHER

Variable width, telescoping sub frame, adjusts with mainframe width changes

- Manual or Automatic
- Adjustments can be done on the control panel: Transverse and longitudinal speed control, pan lift/weight reduction

CONTROL

- 2 Electronic steer sensors and steer wands
- 4 Electric grade proportional sensors with grade wands
- Electric proportional slope control
- Manual elevation control switch mounted at operator's panel provides control of leg extension

PAVING

- Width: 8 ft 3 in to 20 ft (2,5 M – 6m)
- Depth: Up to 15 ¾" (400 mm)

WEIGHT

- With mold, pan finisher and plow: 55,000 lbs (25.000kg)

TRANSPORT WIDTH

- 8 ft 4 in (2.75m)

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Variable Width Slipform Paver

The M-6040 paver is designed to be the most versatile and productive concrete slipform paver on the market, featuring a unique dual telescoping main frame and variable width paving mold. It easily adapts to changing widths for maximum cost-effectiveness and flexibility.

The M-6040 paver is the only paver in the industry that can extend from 8 ft 3 in to 16 ft 5 in (2.50 m to 5.00 m) wide without the need for frame or mold inserts.

For larger paving projects, the main frame can fully expand to accommodate additional bolt on mold inserts and hydraulic vibrators, extending the paving width up to 20 ft (6.00 m) wide in under an hour, without any additional frame extensions.

Applications

- Shoulder Paving
- Curb and Gutter
- Median Barrier wall
- Bridge Parapet Wall

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Hydraulic Telescopic Frame and Paving Element Adjustment

- M-6040 hydraulic telescoping frame and paving mold design is particularly useful when the paver has to change paving widths during the course of a project.
- To minimize the time to adjust paving widths, the M-6040 also features quick release mounts for rapid inserting or removing of the hydraulic vibrator and mount assemblies.
- The whole operation can be carried out safely from the operator's platform and ground level. No crane, lifting or jacking devices are necessary for any width change of the paver.
- Varying paving widths can be achieved while still maintaining a crown in the center line of the slab, if required.
- The plow assembly and pan finisher also adjust to width changes automatically as the frame extends.
- The M-6040 can optionally be fitted with either one or two conveyor systems to feed concrete to the off-set paving mold, depending on the set up of the job site.



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