



## VSS MACROPAVER 12D

HIGH PRODUCTION SLURRY SEAL/MICROSURFACING

[www.slurry.com](http://www.slurry.com)



# OVERVIEW

*The VSS truck-mounted Macropaver® has gained a worldwidereputation for flexibility, high production and low-cost performance. The Macropaver applies all slurry and polymer-modified microsurfacing with equal ease.*

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With over 60 years as a pavement maintenance contractor, VSS has introduced more people to the Slurry Seal and Microsurfacing business than any other company. Equipped with the New EZ-OP Monitoring System, the 2016 Macropaver® 12D has made it even simpler to train new operators and create ease-of-use by eliminating manual calculations with intuitive controls.

Consistent quality is accomplished throughout the production with automatic sequencing. The Macropaver® 12D can easily double the application rates of competitive conventional machines, with average outputs of 2.7 – 3.6 tonne/min (3-4 tons/min). The Macropaver® 12D features the finest quality components and no chain or sprocket drives. Rugged and dependable performance has proven MP's superior reliability, ease of operation and productivity.

- Consistent quality is accomplished throughout the production cycle with automatic sequencing, a feature pioneered and perfected by VSS.

- Macropaver can easily double the application rates of competitive conventional machines, with average outputs of 2.7-3.6 tonnes/min. (3-4 tons/min.)

- Includes the EZ-OP Monitoring System that eliminates manual calculations by operators. Total material used is displayed per load and per project.

- Macropaver features the finest quality components and no chain or sprocket drives. Rugged, dependable performance has proven Macropaver's superior reliability, ease of operation, and productivity. Built with the experience that comes from Valley Slurry Seal's 65 years as a pavement maintenance contractor, Macropaver is the clear choice for today and tomorrow.

# FEATURES

- Automatic start/stop materials sequencing
- One button main start control
- Computerized programmable controller/monitor
- Automatic low aggregate shutdown sensor
- Integrated cement hopper with built-in fluffer
- Emulsion valve self-loading system
- Anti-syphon water load system
- Hot-water jacketed emulsion pump
- Flow meters for water and additives
- Direct-drive jackshaft
- Variable speed cement feed system interlocked to aggregate output
- Pavement fog sprays and joint sprays
- Automatic variable amplitude hydraulic hopper vibrator
- Quick cleaning emulsion basket strainer
- Side debris dump box
- Box side shift
- Spreader box lift
- Chute diverter (right/left)

## HYDRAULIC SYSTEM

- 3 independent circuit, variable displacement, pressure and flow compensated piston-type pumps

## PRODUCTION RATE

- Pugmill output rate: 2.7 - 3.6 tonnes/min, 3-4 tons/min

## POWER

- John Deere turbo-charged diesel, 84 kW @ 2200 RPM (115hp)
- Triple pumps, variable displacement triple stack, 397 liters/min (105 gpm)
- Heated Emulsion Pump - Hot-water jacketed 2" positive displacement, 380 liters/min (100 gpm)
- Water Pump - 454 liters/min (120 gpm)
- Additive Pump - 57 liters/min (15 gpm)
- Pugmill - double-shafted Magna gun-barrel design with 60 replaceable tip auger paddles. Variable mixing speed, 225 RPM standard





# SPECIFICATIONS

## Dimensions

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Model	12 D
Total Unit Length	7.01m (23.0 ft)
Overall Width	2.44m (8.0 ft)
Height Above Frame	2.24m (7.3 ft)

## Typical Truck Specifications

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- Cabover
- Conventional
- Pusher Axle

## Capacities

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Total Unit Length	7.01m (23.0 ft)
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Height Above Frame	2.24m (7.3 ft)

## Typical Bid Specification

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- **Bid Specification** →

# OPTIONS

- CALTRANS approved material monitoring and control system
- Data logging system
- Fiber injection system
- Side guards
- Pugmill gate with or w/o steel diverter
- Night work lights with or w/o safety strobe
- Integrated electric load tarping system
- Truck speed control on operator platform
- Stainless steel additive tank/pump system - 565 liter/150gallon
- Removable trailer hitch/air to trailer system
- High pressure washer/reel
- Colored slurry pump
- Positive variable displacement emulsion pump



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