



# Macropaver 12E

## High Production Micro Surfacing/Slurry Seal

Featuring the eco-friendly model 12E Macropaver. No side motor... engine replaced by a PTO drive. The PTO drive results in lower emissions, less maintenance and quieter operation.

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

- 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.



# Macropaver 12E

## Large Production Slurry Seal/Microsurfacing

### DIMENSIONS

#### 12E

Total Unit Length	7.01 m	23.0 ft
Overall Width	2.44 m	8.0 ft
Height Above Frame	2.24 m	7.3 ft

### HYDRAULIC SYSTEM

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

### CAPACITIES

#### 12E

Level Aggregate Capacity	7.6 cu.m	10 cu. yd
Max. Aggregate Capacity	9.2 cu.m	12 cu. yd
Emulsion Capacity	3,200 liters	850 gallons
Water Capacity	3,200 liters	850 gallons
Cement Hopper	0.34 cu.m	12 cu. ft
Additive Capacity	470 liters	125 gallons
Hydraulics Reservoir	490 liters	130 gallons

### PRODUCTION RATE

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

### POWER

- 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

### 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
- 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)

### 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/150 gallon
- Removable trailer hitch/air to trailer system
- High pressure washer/reel
- Colored slurry pump
- Positive variable displacement emulsion pump



U.S. and International Patents Pending  
VSS reserves the right to make changes in specifications at any time as part of our continuing program of product improvement. © 2022