



# Macropaver-CR

## Continuous Run, High Production

**VSS Macropaver® has gained a worldwide reputation for flexibility, high production and low-cost performance. The Macropaver-CR applies all slurry & polymer-modified micro surfacing with equal ease.**

- The Patented ground drive uses a variable displacement hydrostatic pump driving two bent axis motors. The Macropaver-CR is capable of 25 mph forward and reverse.
- The loading conveyor has a 12,400 lbs./min capacity with a 20" cleated belt, fully enclosed with return idlers and lift cylinders for quick access cleanout hatch. (Patent Pending)
- Patented hydraulic system with three variable displacement pressure compensated pumps for paving and loading circuits. One variable displacement hydrostatic pump for closed loop ground drive circuit. One gear pump for steering and cooling circuit.
- 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. No other machine has the feature packed and contractor tested performance of the Macropaver. Built with the experience that comes from Valley Slurry Seal's 100 years as a pavement maintenance contractor, Macropaver is the clear choice for today...and tomorrow.



# Macropaver-CR

## High Production, Continuous Run Slurry Seal/Microsurfacing

### DIMENSIONS

### MP-CR

Total Unit Length	10m	33 ft.
Overall Width	2.44m	8 ft.
Overall Height	3.35 m	11 ft.
Weight (Unladen)	17,917kg	39,000lbs

### SUSPENSION

- Brakes: Bendix S-cam air brakes with ABS on all wheels
- Front Axle: Hendrickson NXT 24K rated springs
- Rear Axles: Dana dual reduction 52K 9.51:1 differential ratio

### CAPACITIES

### MP-CR

- Loading Conveyor: 12,400 lb/min capacity, 20" cleated belt, fully enclosed with return idlers and lift cylinders for quick access cleanout hatch.
- Loading pumps: 3" self-priming hydraulically driven centrifugal pumps, 200 gallon/minute capacity
- Aggregate: 5.5 yd<sup>3</sup> hopper with fixed gate. 24" belt with urethane flashing direct driven. Hydraulic motor equipped with high resolution sensor for accurate aggregate metering.
- Emulsion: 700 gal. stainless steel removable tank. Tank level sensors to control operation of loading pump. Tank level indicating float. Positive displacement pump with heat jacketing. 100 gpm capacity. Hydraulic motor equipped with high resolution sensor for accurate emulsion metering.
- Water: 450 gal. stainless steel removable tank. Tank level sensors to control operation of loading pump. Tank level indicating float. Positive displacement pump 100 gpm capacity. Hydraulic motor equipped with high resolution sensor for accurate emulsion metering.
- Liquid Additive: 215 gal. stainless steel removable tank. Positive displacement peristaltic pump. 30 gpm capacity. Hydraulic motor equipped with high resolution sensor for accurate metering.
- Fines: 10.75 ft<sup>3</sup> hopper with 6" half pitch auger. Hydraulic motor equipped with high resolution sensor for accurate metering.
- Pugmill Mixer: double shafted Magna gun barrel design with 60 replaceable tip paddles. Both shafts hydraulically driven. Variable speed up to 280 RPM.

### PRODUCTION RATE

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

### POWER

- Three variable displacement pressure compensated pumps for paving and loading circuits. One variable displacement hydrostatic pump for closed loop ground drive circuit. One gear pump for steering and cooling circuit.
- Engine: Cummins L9, 380 HP at 1800 RPM
- Electrical: 12VDC negative ground, 160 amp alternator, 3 – batteries with total 1650 CCA
- Ground Drive: Variable displacement hydrostatic pump driving two bent axis motors.
- Capable of 25 mph forward and reverse.

### ADDITIONAL FEATURES

- Automatic start/stop materials sequencing
- One button main start control
- Computerized programmable controller/monitor
- Automatic low aggregate shutdown sensor
- Pavement fog sprays and joint sprays

### OPTIONS

- Drivers station, enclosed, air-conditioned cab
- Telematics
- High Pressure Washer
- AC Inverter



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. © 2023