



VÖGELE

2219W

10 FOOT RUBBER TIRE PAVER



POWER

6-cylinder, 190 hp (142 kW) @ 2000 rpm, liquid-cooled, Cummins QSB5.9TAA diesel engine, with air cleaner, replaceable oil filter, hourmeter, oil pressure gauge, water temperature gauge, fuel gauge and 12 volt electrical system with voltmeter. The engine is equipped with an automatic throttle.

HYDROSTATIC PROPEL SYSTEM

The engine is coupled through a gearbox to a variable displacement piston pump. Power is transmitted to the rear wheels through a piston motor, two-speed transmission and portal axle. The portal axle consists of a differential connected to two gearboxes by drivelines. These gearboxes are mounted to each side of the main frame and propel the rear drive wheels through planetary gears. Four speed ranges are provided.

SUSPENSION

Two 18.00 x 25 hydroflated rear drive tires together with 4 (2 each side) 22 x 14 in. (559 x 355 mm) wide solid rubber front wheels provide excellent traction and floatation.

BRAKES

Service brakes are hydrostatic dynamic. The spring applied, hydraulic released, wet disc brake serves as a parking brake when the paver stops and as an emergency brake if hydraulic pressure is lost.

CONTROLS

The ergonomically designed control console slides quickly to either side of the paver and provides power steering and fingertip operation of the hopper dump, feeders, augers, screed hoist, screed vibration, screed extension and retraction, speed, flow gates, optional front wheel assist and truck hitch. Electrical connections and hydraulics for automatic screed controls are provided.

SELF-DUMPING HOPPER

The self-dumping hopper has a theoretical volume of 225 cu. ft. (6.37 cu. m) or 12.1 tons (11 T) with dual, power actuated, flow gates at the rear of the hopper.

FEEDER SYSTEM

The feeder system is a proportionally controlled dual slat feeder with heat-treated steel roller chain and 16 in. (404 mm) diameter cast Ni-Hard augers with reverse auger on right side of the auger drive box to assist in prevention of segregation. Auger rpm ranges from 0 to 145. Auger ground clearance can be adjusted hydraulically from 4 in. (101 mm) to 9 in. (228 mm). Ultrasonic sensors for contact-free control of the mix level and material flow in front of the screed are provided. The level and flow can be pre-selected, or adjusted while paving.

FUMES EXTRACTION SYSTEM

The fumes extraction system collects the asphalt fumes from the auger and feeder discharge area and exhausts them above and away from the operators. The fumes collection hood is mounted above the augers and does not impair the operator's visibility of the auger area. The 2219W can be transported with the exhaust stack in the working position.

WEIGHT ADJUSTABLE DELUXE SEATS

Deluxe seat with adjustment for operator's weight, back reclining, height and fold back of the armrests is provided at each operator's station.

NIGHT LIGHT KIT

Six halogen lights, two mounted at the rear of the hopper, two mounted at the rear of the deck and two mounted above the augers, are provided.

MATERIAL INDICATOR LIGHT

A flashing light, mounted in the operator's console, is connected to paddles mounted behind each of the power operated flow gates. Should the material in the conveyor tunnel drop below the level of the flow gates, the light flashes to alert the operator to slow or stop the paver until material is available.

UMBRELLA

One 60 in. square umbrella, with mounting brackets located at each operator's station, is provided.

SPECIFICATIONS

DIMENSIONS

Height	115.76"
Width - Shipping	126.60"
Length with HR500D/HR500E Screed - Shipping	263"
Length with EZ IV 1019 Screed - Shipping	251"
Wheel Base	104"
Hopper Capacity	225 cu ft
Loading Angle	10°
Auger Diameter	16"
Auger Height Adjustment	4" to 9"
Washdown Hose Length	35'
Ground Pressure	34.0 psi
Inside Turning Radius	13 ft

WEIGHT

Tractor	32,000 lbs
Tractor with HR500D/HR500E	40,750 lbs
Tractor with EZ IV 1019	39,000 lbs

ENGINE

Model	Cummins QSB5.9TAA
hp @ rated speed	190 hp @ 2000 rpm
Alternator Size	130 amp

CAPACITIES

Fuel Tank	68 gal
Cooling	6 gal
Hydraulic Tank	47 gal
Hydraulic Filtration	5 micron

SPEED

Travel Speed (Hi)	0 - 12 mph
Travel Speed (Lo)	0 - 658 fpm
Paving Speed (Hi)	0-156 fpm
Paving Speed (Lo)	0 - 98 fpm

OPTIONAL EQUIPMENT

- Oscillating Push Rollers
- Truck Hitch
- Front Wheel Assist
- Modulated Foot Pedal Steering Assist
- 6kW Generator Set
- Additional Umbrella
- Back Up Alarm
- Conveyor By-Pass System
- Automatic Grade & Slope Controls
- HR500D/HR500E Rear Mounted Hydraulically extendable screed
- EZ IV 1019 Front Mounted Hydraulically extendable screed
- Paving kits for screeds
- Auger extensions

