

Hydrostatic Sensor Paver VIS200BS3



Single Plate Chassis (Without Joint), Four Steering Bogey Wheels and Hydraulic Power Steering, Variable Hydraulic Telescopic Screed and Vibrating & Teming Screed, Maximum Paver Width - 5.5 m & Transport Width - 2.55 m, Hydrostatic Transmission Drive, Hopper 4.25 cu.m Capacity, Oil Cooling System, Travel Speed - 15 km / h, 12 V Electronic System, Hydraulic Raisable Auger, Electronic Grade and Slope Control.

Quality that you can rely upon ...

Since 1981
www.vishvakarma.com

The paving system is expected to form uniform and leveled even surface. Our **Vishvakarma** paver finisher is working on sensor based controls, and easily ensures the requirements. It is equally economical for small or large area under consideration, easily transported and thus best one for investment. This machine is ideal for medium or large scale jobs. It is easy to handle and acquire satisfaction.





Operator can drive the machine from right-hand side as well as left-hand side as required. The control panel is fitted on sliding base to facilitate this. Thus the operator can work most efficiently and accurately.

The shelter-top on operator sit, protects from rain and sun. It is flexible and there-by not necessary to remove at the time of transportation. It can be truncated down and be open as required.

Contact of all front wheels with ground, even if on irregular surface, is the point that can not be ignored. To solve this problem and acquire smooth operation, bogies of the power steerable front wheels are fitted on an oscillating axle.



Hydraulic functions are carefully designed. Every separate unit of mechanism is having a separate set of hydraulic power-system, which results in smooth and uninterrupted working power, finally in efficient performance.



Automatic Grade and Control System maximum surface accuracy can be achieved even under difficult paving conditions. Moba make made in Germany.

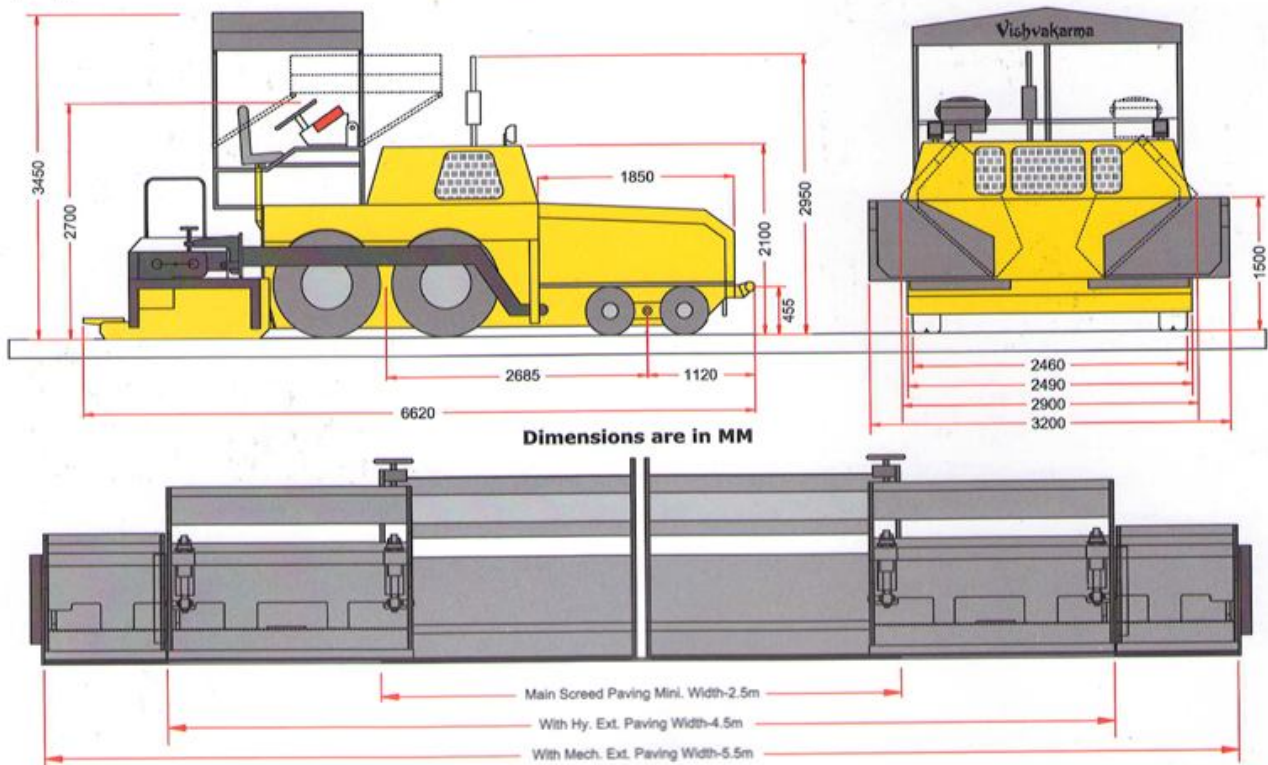




Infinitely variable range from
2.5 m to 4.5 m. Extra widths
by addition of bolts-on extensions
up to a maximum of 5.5 m.



[Specification of Vishvakarma Hydrostatic Sensor Paver]



Dimensions are in MM

Basic Screed width	2.5 m
With infinite Variable Extension	2.5 to 4.5 m
With Bolt on Extension	5.50 m (Max) Optional
Crown	-1 to 4.5 %
Gradient Slope	10 %
Screed Vibration	2800 RPM
Tamping Vibration	2800 RPM
Screed Heaters	LPG
Paving thickness	Upto 10-200 mm
Paving speed (Low)	0-40 m/min
Paving speed (High)	0-80 m/min
Travel speed (Low)	0-7.5 km/h
Travel speed (High)	0-15 km/h
Hopper	Twin hydraulic operated folding hoppers of 4.25 Cu.m capacity (Approx.)
Tyres	Front - Solid rubber type wheel - 4 Nos. (Four Steering Bogey Wheels) Rear - 10.00 x 20 -16 Ply, 4 Nos. Pneumatic.
Auger	14" (355 mm) dia & 20 mm thickness NH
Auger System	Hydraulic - Raisable System (Variable Type)
Auger Control System	Auto - on/off type (Limit Switch)
Conveyor Floor Plate	10 mm thickness plate
Brake	Negative Multidisc Type
Steering Unit	Hydraulic Power Steering Unit
Weight	13000 kgs.(Approx)
Hydraulic Cooling System	15 Ltrs
Fuel tank	160 Ltrs
Hydraulic tanks	200 Ltrs
Operating Control Console	Sliding Type for Left / Right Side Operation

Power unit :-

The prime over in the Paver Finisher unit is **Kirloskar make model - 6R 1080 TA Diesel engine - 125 HP @ 2300 RPM**, with FIP, 12V alternator, self start starter, 12V- battery, radiator, meters like oil pressure, water temperature, ammeter, hours meter, starter button, parking key, dipper switch etc.

Transmission :

Hydrostatic transmission system. Variable-displacement hydraulic pump feeds the transmission system fitted with a fix displacement motor, which is directly connected to the gear box. Transmission is having two speeds, High and low.

Variable hydraulic telescopic screed :-

The main screed is consists of 2.5 m (2500 mm.) center fixed screed plate and other two screed plate operated by hydraulically. Sliding on telescopic cylinder guides. It is 305 mm wide, 14 mm thickness are made of stainless steel. Four LPG burners, One on each screed plate and two nos on main screed plate heat it. The temper & vibrator hydraulically operated, is fitted on all screed plate. Variable lying of width from 2.5 m to 4.5 m is obtained by means of hydraulic controls.

Specifications are subject to change without notice due to development



[An ISO 9001 Company]

Vishvakarma

Road Equipment Co (P) Limited

Near S. D. Chambers, Vasad Road,
Borsad - 388540. Dist - Anand. Gujarat. India.

Phone : +91 2696 221317

+91 2696 221217

Fax : +91 2696 222926

E mail : vreco@vishvakarma.com

Web : www.vishvakarma.com