

# Hydrostatic Sensor Paver Finisher Model : VP-05

TESTED AND APPROVED BY ARAI  
(Automotive Research Association of India)

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#### Salient Features:

- Good Quality
- Timely Service
- Easy Operation & Maintenance
- Economical Performance
- Fair Price Practice



- |                   |                          |
|-------------------|--------------------------|
| • Transmission    | : Hydrostatic            |
| • Engine Power    | : 125 hp @ 2300 rpm      |
| • Laying Capacity | : 300 TPH                |
| • Hopper Capacity | : 4.25 m <sup>3</sup>    |
| • Paving Width    | : 2.5 m to 5.5 m         |
| Option            | : Attachment up to 6.0 m |
| • Weight          | : 14,100 kg              |

- |                        |   |
|------------------------|---|
| • Wheels on rear axle  | : Four wheels   |
| • Electronic Sensor    | : MOBA, Germany   |
| • Operator Seat        | : Double  |
| • Material Suitability | : <u>Option 1</u><br>Bituminous material<br><u>Option 2</u><br>Bituminous, Wet mix,<br>GSB, DLC, DBM material |

**INDIAN MACHINES, DELIVERING BEYOND EXPECTATIONS.**

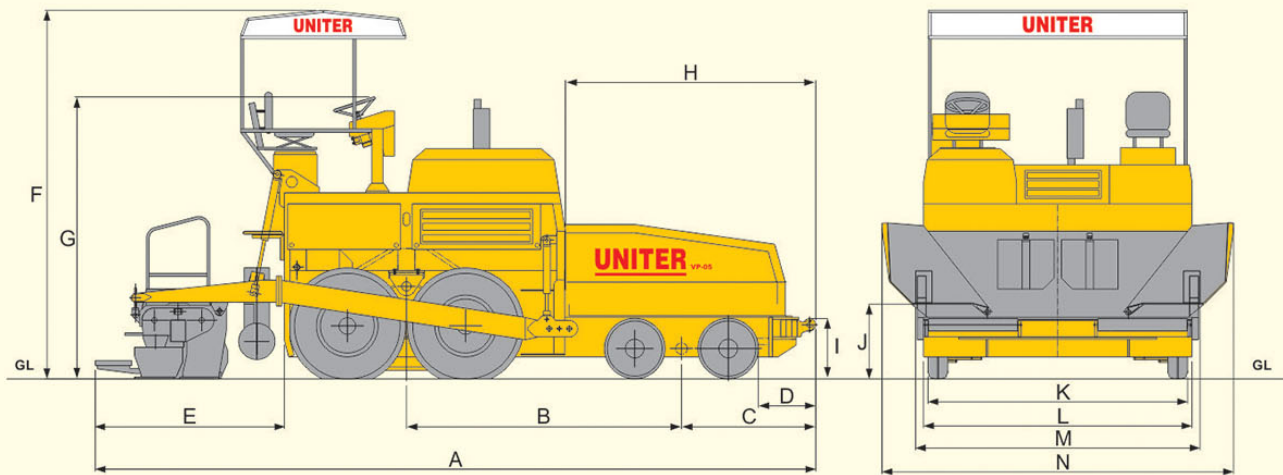


# Hydrostatic Sensor Paver Finisher

## Model : VP-05

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### DESIGN AND SPECIFICATIONS



A	B	C	D	E	F	G	H	I	J	K	L	M	N
6670	2611	1070	490	1680	3470	2620	2150	550	685	2350	2440	2570	3220

#### POWER UNIT

Engine	: Kirloskar make water-cooled electric start diesel engine, Model 6R 1080 TA1, 125 hp (91.9 kW) @ 2300 rpm or equivalent
Electrical System	: 12 V DC
Emission Standard	: BS-III
Speed Reduction	: Two speed reduction gearbox to achieve low speed for paving and high speed for traveling
Gearbox	

#### PERFORMANCE

Laying suitability	: Option 1: Bituminous material Option 2: Bituminous, Wet mix, GSB, DLC, DBM material (Dual Purpose)
Laying Capacity	: 300 TPH
Laying Thickness	: 300 mm (Max) to 10 mm (Min) 12" (Max) to 3/8" (Min)
Transmission	: Hydrostatic
Working Speed	: 0 to 30 m/min (Max.)
Travelling Speed	: 0 to 16 km/hr (Max)
Weight	: 14,100 kg (31,200 lb) approx.
Slope & Grade	: MOBA, Germany make electronic sensor (Auto & Manual mode available)
Maintenance Shutters	: On three side of machine
Traction & Conveyor Pump - Motor	: Danfoss, Germany or equivalent

#### SCREED

Screed width	: 2.5 m (8' 2 1/2") basic width, Hydraulically extendable up to 4.5 m (14' 9 1/4"), bolt on extension up to 5.5 m (18' 1 1/2") Option: Attachment up to 6.0m (19' 8 3/4")
Crown (Manual)	: -1° / +4°
Screed Heating	: Yes, with 8 LPG burner facility
Screed Vibration	: Yes, infinitely variable (0 to 50.00 Hz)
Screed Tamping	: Yes, infinitely variable (0 to 33.33 Hz)

#### UNDER CARRIAGE

Rear Wheel	: Four no. Pneumatic Tyre Size: 10.00 x 20
Front Wheel	: Two no. Solid Rubber Tyre 550 Dia. x 175 mm wide

#### REFILL CAPACITIES

Fuel	: 156 L (34.4 gal)
Hydraulic Oil	: 282 L (62.1 gal)
Cooling System	: 6.5 L (1.4 gal)
Engine Oil	: 14 L (3.0 gal)

#### OPERATOR STATION

Control Panel Type	: Sliding
Operator Seat	: Double Operator Seat
Travelling Function	: Left & Right side
Operating Function	: Left & Right side
Steering	: Hydraulic
Brake	: Caliper disc brake on both the sides

#### CONVEYOR & AUGER SYSTEM

Conveyor & Auger	: 2 Sets, one on each side
Conveyor Drive	: Hydraulic
Conveyor Control	: ON / OFF switch
Auger Screw Size	: Dia 300 mm (12")
Auger Material	: Ni-Hard / High Chromium Steel Material

#### HOPPER & FEEDING SYSTEM

Hopper Operation	: Hydraulic
Hopper Capacity	: 4.25 m³ (151 ft³)
Hopper Width	: Working: 3.22 m (10' 6 1/4") Closed: 2.44 m (8')
Feed Tunnel Width	: 1.28 m (4' 1 1/4")

#### DIMENSIONS

Operating Height	: 3.47 m (11' 4 3/4")
Shipping Height (canopy tilted)	: 2.90 m (9' 6 1/4")
(w/o canopy & exhaust)	: 2.68 m (8' 9 1/2")
Shipping Width	: 2.57 m (8' 5 1/4")
Length (Tractor unit + screed)	: 6.67 m (21' 10 1/2")
Wheel Base	: 2.61 m (8' 6 3/4")
Dump Height	: 0.70 m (2' 3 3/4")
Thrust Roller Height	: 0.54 m (1' 9 1/4")

#### MACHINERY ACCESSORIES

Canvas Canopy; Working & Traveling Lights; Tool Kit with Jack; Horn

#### OTHER FEATURES

All operating levers including panel switch board are handy and within easy reach; All gears and shafts of gear box are made from alloy steel and are hardened and ground for efficient working; Screed is vibrated with hydraulic motor to compact laid layer; All jacks are having same kind of seal kit (Piston seal and rod seal of PU material).

**Note:** Specification / description / dimensions are indicative and subject to change without notice due to modification alteration or custom engineering.

### UNITER ENGINEERING PRODUCTS

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