

OUR PAVER FINISHER MACHINES ARE  
TESTED AND APPROVED BY ARAI  
(Automotive Research Association of India)

# UNITER

## VP-05

'S' series



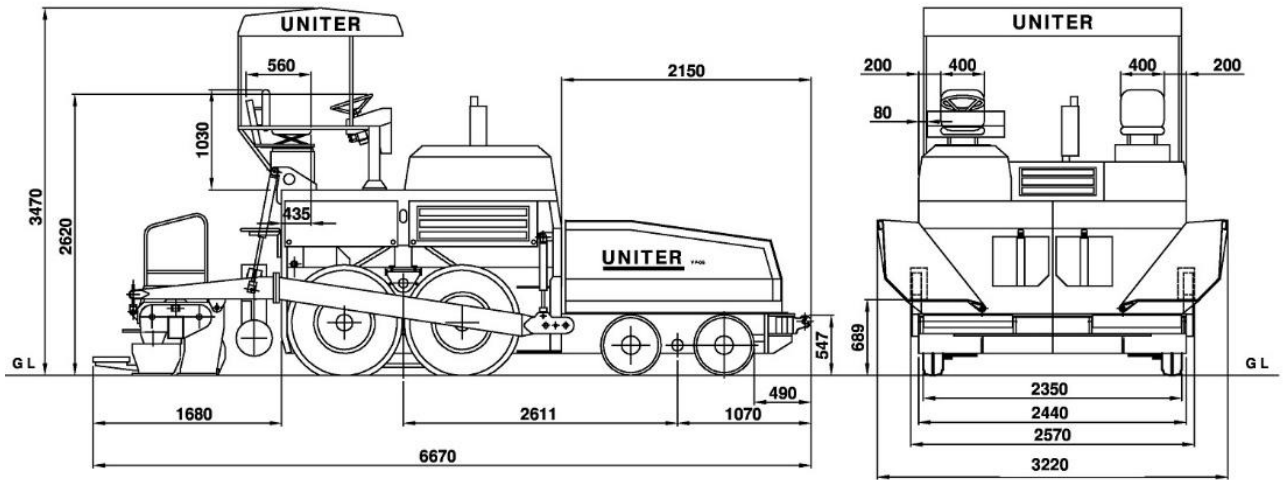
Transmission	Hydrostatic	Wheels on rear axle	Four wheels
Engine Power	125 hp @ 2200 rpm	Electronic sensor	MOBA, Germany
Laying Capacity	300 TPH	Operator Seat	Double
Hopper Capacity	4.25 m³	Material Suitability	
Paving Width	2.5 m to 5.5 m	Option 1: Bituminous material	
Option	Attachment up to 6.0 m	Option 2: Bituminous, Wet mix, GSB, DLC, DBM material	
Weight	14,100 kg		

INDIAN MACHINES. DELIVERING BEYOND EXPECTATIONS.

## Model: VP-05

'S' series

### DESIGN AND SPECIFICATIONS



\* Dimension shown in above figure are measured in mm.

#### POWER UNIT

Engine	Kirloskar make water-cooled electric start diesel engine, Model 6R 1080 TA1, 125 hp (93 kW) @ 2200 rpm or equivalent
Electrical System	12 V DC
Emission Standard	BS-III
Speed Reduction Gearbox	Two speed reduction gearbox to achieve low speed for paving and high speed for traveling.

#### 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
Control	(Auto & Manual mode available)
Maintenance Shutters	On three side of machine
Traction & Conveyor Pump - Motor	Sauer 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 1/8"), bolt on extension up to 5.5 m (18' 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	Four 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 function
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 m <sup>3</sup> (151 ft <sup>3</sup> )
Hopper Width	Working: 3.22 m (10' 6 3/4") Closed: 2.44 m (8')
Feed Tunnel Width	1.268 m (4' 1 5/8")

#### DIMENSIONS

Operating Height	3.47 m (11' 4 5/8")
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 7/8")
Dump Height	0.70 m (2' 3 1/2")
Thrust Roller Height	0.54 m (1' 9 3/4")

#### MACHINERY ACCESSORIES

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