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APPROVED BY ARAI
(Automotive Research Association of India)

ASP-075 SENSOR PAVER

Hydrostatic Transmission

Engine Power 158 hp @ 2300 rpm

Material Laying Capacity 400 TPH

Hopper Capacity 6.0 cm

Paving Width 2.75 m to 7.5 m

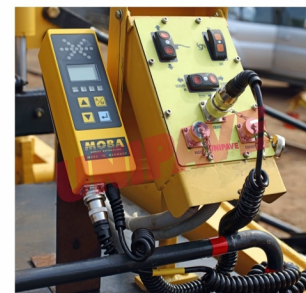
Four Wheels on Rear Axle

MOBA Make Dash Board

MOBA (Germany) Make Matic Sensor
Devices for Slope & Grade Control

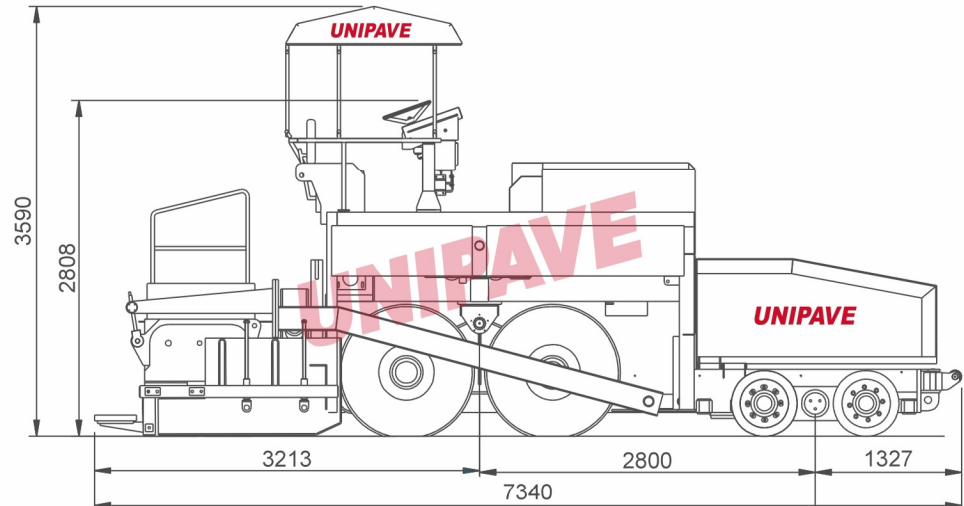
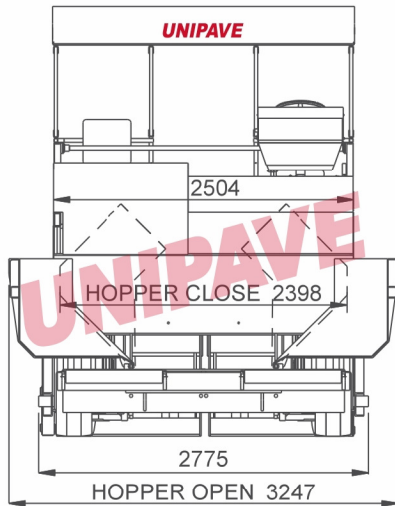
Double Operator Seats

Optional:
Electric Screed Heating System
Big Sonic Ski (Multiplex) Sensor



Technical Specifications

ASP-075



* All dimensions are in mm.

POWER UNIT

Engine	Ashok Leyland make water cooled diesel engine Model H6ETIC3RS23 158 hp (118 kW) @ 2300 rpm or equivalent
Electrical System	12 V DC
Emission Standard	BS-III
Speed Reduction Gearbox	Speed reduction gearbox to achieve low/high speed of paver with differential

PERFORMANCE

Laying suitability	Bituminous material
Laying Capacity	400 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 12 km/hr (Max)
Weight	21,265 kg (46,881 lb) approx.
Slope & Grade Control	MOBA Matic, Germany make electronic sensor (Auto & Manual mode available)
Maintenance Shutters	On three side of machine

SCREED

Screed width	2.75 m basic width, Hydraulically extendable up to 4.9 m and Bolt on extension up to 7.5 m
Crown (Manual)	-1° / +4°
Screed Heating	Yes, with 12 LPG burner (Optional: Electric Heating System)
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: 12.00 x 20 - 18 Ply
Front Wheel	Four no. Solid Rubber Tyre 550 Dia. x 300 mm wide

REFILL CAPACITIES

Fuel	175 L
Hydraulic Oil	345 L
Cooling System	9 L
Engine Oil	14 L

OPERATOR STATION

Control Panel Type	Sliding - MOBA make
Operator Seat	Double Operator Seat
Traveling Function	Right side
Operating Function	Left & Right side
Steering	Hydraulic
Brake	Caliper disc brake on both the sides

CONVEYOR & AUGER SYSTEM

Conveyor & Auger Drive	2 Sets, one on each side Hydraulic (Separate Drives for each side Conveyor & Auger)
Sensor for Flow Control	Sonic Sensor System MOBA (Germany) make for automatic material flow control
Auger Screw Size	Dia 375 mm
Augers Height	Variable by 15 cm, Manual

HOPPER & FEEDING SYSTEM

Hopper Operation	Hydraulic
Hopper Capacity	6 m ³ (211 ft ³)
Hopper Width	Open: 3.25 m (10' 6 3/4") Closed: 2.40 m (7' 10 2/5")
Feed Tunnel Width	1.19 m (3' 10 4/5")

DIMENSIONS

Operating Height	3.59 m (11' 9")
Shipping Height (w/o canopy & exhaust)	2.81 m (9' 3")
Shipping Width	2.78 m (9' 1 1/2")
Length (Tractor unit + screed)	7.34 m (24' 1")
Wheel Base	3.80 m (12' 5 1/2")
Dump Height	0.67 m (2' 2")
Thrust Roller Height	0.55 m (1' 9 3/5")

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.

(Note: Specification/description/dimensions are indicative and subject to change without notice due to modification alteration or custom engineering.) *Maximum parameters may not be obtained simultaneously.

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