

UNITER

Model: UHP

HYDRAULIC SENSOR PAVER FINISHER



Transmission	Hydraulic
Engine Power	74.6 hp @ 2300 rpm

Laying Capacity	150 TPH
Hopper Capacity	4.25 m ³
Paving Width	2.5 m to 4.5 m
Weight	9,700 Kg

Wheels on rear axle	Two Wheels
Electronic sensor (Optional)	MOBA, Germany

Operator Seat	Single
Material Suitability	Bituminous, Wet mix, GSB, DLC and DBM material

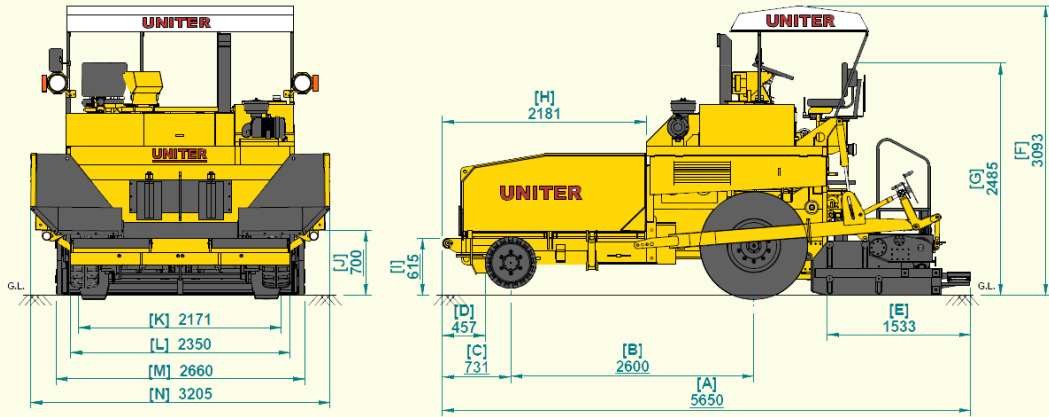
Committed To Paving Solution, Since 1973

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HYDROSTATIC SENSOR PAVER FINISHER

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DESIGN AND SPECIFICATIONS



A	B	C	D	E	F	G	H	I	J	K	L	M	N
5650	2600	731	457	1533	3093	2485	2181	615	700	2171	2350	2660	3205

* Dimension shown in above figure are measured in mm.

POWER UNIT

Engine	Kirloskar make water-cooled electric start diesel engine, developing 74.6 hp (55.6 kW) @ 2300 rpm or equivalent
Electrical System	12 V DC
Emission Standard	BS-V
Speed Reduction Gearbox	Two speed reduction gearbox to achieve low speed for paving and high speed for traveling.

PERFORMANCE

Laying suitability	Bituminous, Wet mix, GSB, DLC, DBM material (Dual Purpose)
Laying Capacity	150 TPH
Laying Thickness	200 mm (Max) to 10 mm (Min) 8" (Max) to 3/8" (Min)
Transmission	Hydraulic
Working Speed	0 to 30 m/min (Max.)
Travelling Speed	0 to 16 km/hr (Max)
Weight	9,700 kg (21,384 lb) approx.
Slope & Grade Control (Optional)	MOBA, Germany make electronic sensor (Auto & Manual mode available)
Maintenance Shutters	On two 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 1/2")
Crown (Manual)	-1° / +4°
Screed Heating	Yes, with 8 LPG burner facility
Screed Vibration	Yes, infinitely variable (0 to 50.00 Hz)
Screed Tamping	No

UNDER CARRIAGE

Rear Wheel	Four no. Pneumatic Tyre Size: 12.00 x 20
Front Wheel	Four no. Solid Rubber Tyre 550 Dia. x 300 mm wide

REFILL CAPACITIES

Fuel	142 L (35.9 gal)
Hydraulic Oil	274 L (73.1 gal)
Cooling System	8.0 L (1.7 gal)
Engine Oil	13.0 L (3.6 gal)

OPERATOR STATION

Control Panel Type	Right Hand Side
Operator Seat	Right Hand Operator Seat
Travelling Function	Right side
Operating Function	Right side
Steering	Hydraulic
Brake	Caliper disc brake on both the sides, Hydraulic Brake, Parking Brake

CONVEYOR & AUGER SYSTEM

Conveyor & Auger	2 Sets, one on each side
Conveyor Drive	Hydraulic
Conveyor Control	On / off switch function
Auger Screw Size	Dia 250 mm (10")
Auger Material	Ni-Hard / High Chromium Steel Material

HOPPER & FEEDING SYSTEM

Hopper Operation	Hydraulic
Hopper Capacity	4.25 m ³ (150 ft ³)
Hopper Width	Working: 3.20 m (10' 6") Closed: 2.44 m (8' 1/8")
Feed Tunnel Width	1.28 m (4' 2 3/8")

DIMENSIONS

Operating Height	3.09 m (10' 1 3/4")
Shipping Height (canopy tilted)	2.48 m (8' 1 3/4")
(w/o canopy & exhaust)	2.48 m (8' 1 3/4")
Shipping Width	2.66 m (8' 8 3/4")
Length (Tractor unit + screed)	5.65 m (18' 6 3/4")
Wheel Base	2.60 m (8' 6 3/4")
Dump Height	0.70 m (2' 3 1/2")
Thrust Roller Height	0.61 m (2')

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.)

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UNITER ENGINEERING PRODUCTS

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