

UNITER

Model: UEP

HYDRAULIC SENSOR PAVER FINISHER



Transmission	Hydraulic
Engine Power	130 hp @ 2200 rpm
Laying Capacity	300 TPH
Hopper Capacity	4.25 m ³
Paving Width	2.5 m to 5.5 m
Optional	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	
Option 1:	Bituminous material
Option 2:	Bituminous, Wet mix, GSB, DLC, DBM material

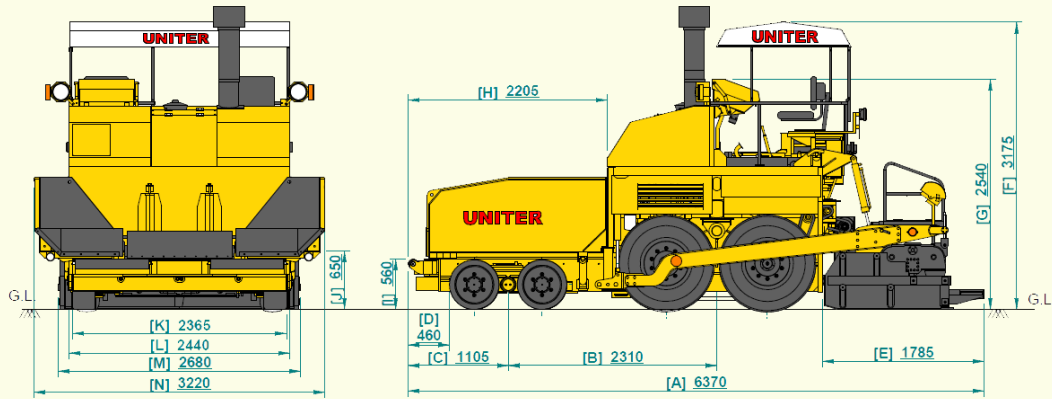
Committed To Paving Solution, Since 1973

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DESIGN AND SPECIFICATIONS



A	B	C	D	E	F	G	H	I	J	K	L	M	N
6370	2310	1105	460	1785	3175	2540	2205	560	650	2365	2440	2680	3220

* Dimension shown in above figure are measured in mm.

POWER UNIT

Engine	Ashok Leyland make water-cooled electric start diesel engine, Model H4C413022, developing 130 HP (97 kW) @ 2200 rpm or equivalent
Electrical System	12 V DC
Emission Standard	BS-IV
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	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 (31,085 lb) approx.
Slope & Grade Control	MOBA, Germany make electronic sensor (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' 2½") basic width, Hydraulically extendable up to 4.5 m (14' 9¾"), bolt on extension up to 5.5 m (18' ½") Option: Attachment up to 6.0m (19' 8¾")
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 300 mm wide

REFILL CAPACITIES

Fuel	136 L (35.9 gal)
Hydraulic Oil	277 L (73.1 gal)
Cooling System	6.5 L (1.7 gal)
Engine Oil	14 L (3.6 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, 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 300 mm (12")
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: 3.22 m (10' 6 ¾") Closed: 2.44 m (8')
Feed Tunnel Width	1.268 m (4' 1 ¼")

DIMENSIONS

Operating Height	3.40 m (11' 1¼")
Shipping Height (canopy tilted)	2.81 m (9' 2¾")
(w/o canopy & exhaust)	2.57 m (8' 5¼")
Shipping Width	2.68 m (8' 9½")
Length (Tractor unit + screed)	6.41 m (21' ¼")
Wheel Base	2.31 m (7' 7")
Dump Height	0.65 m (2' 1½")
Thrust Roller Height	0.56 m (1' 10")

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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