

WAKEN MULTITECH PRIVATE LIMITED

Leading Manufacturer Of All Type Of Road Construction Equipments



About Us

The capability to develop the quality products is entirely credited to our facility at Plot No. 1-2-3, Kamalpur - Padhariya link road, Mehsana (Gujarat).

We "Waken Multitech Pvt. Ltd.", are engaged in Design, Development, Manufacturing, Marketing & Servicing a complete range of Hydrostatic Sensor Paver Finisher, Wet Mix Paver Finisher, Asphalt Paver Finisher, Hydraulic Broomer, Mechanical Broomer and all type of fabrication work as per requirement.



Call Now: +91 99095 98306
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www.wakenmultitech.com

"Excellence in Making Road"

WSP550



TECHNICAL SPECIFICATIONS WSP 550 [Suitable for Bituminous, Wet Mix, GSB, DLC & DBM Material]

TRACTOR

Operating Height	3.43 m
Shipping Height	2.52 m
Height w/o Canopy	2.52 m
Length	6.61 m
Operating Width	3.14 m
Shipping Width	2.54 m
Tread Width	2.08 m
Truck Dumping Clearance	0.48 m
Wheel Base	2.61 m
Frame Plate Thickness	16 mm

PRIME MOVER

Engine Make	Kirloskar	Ashok Leyland
Model No.	6R1080TA1	H6ETIC3RU23
Engine Power	92 kW @ 2300 rpm	99 kW @ 2300 rpm
Electrical System	12 VDC	
Type of Cooling	Water Cooled	

WHEELS

Tyre Front Solid	4 nos. / 22 x 16 x12
Tyre Rear Pneumatic	4 nos. / 10.00 x 20

PERFORMANCE

Weight	14840 kg
Turning Radius Inner	5.5 m
Laying Capacity	300 TPH
Paving Thickness	10 - 300 mm
Paving Speed	0 - 40 m/min
Travel Speed [Second]	0 - 15 Km/h
Hopper Capacity [Approx.]	10 t

CAPACITY

Fuel Tank Capacity	132 Ltr.
Hydraulic Oil Tank Capacity	190 Ltr.

CONTROLS

Operating Station	Dual Station
Brake	Caliper Disk Brake

FEEDERS

Auger	Highly wear resisting steel casting dia. 355 mm 20 mm thickness
Feed Tunnel Width	590 mm
Conveyor Floor Plate	Wear resisting steel 12 mm
Feed Control System	2 nos. on/off Type
Auger Control System	2 nos. on/off Type
Auger Lowest Position From Ground	150 mm
Auger and Conveyor Drive	Synchronized

SCREED

TV 4500

Screed Basic Width	2.50 m
Infinite Variable Extension	2.50 m to 4.50 m
With Bolt on Extension Max	5.75 m
Screed Weight Main	2890 kg
Bolt on Extension Weight	210 kg (625 mm)
Crown	-1 to +4.5%
Gradient Slope	10 % Gradient Slope
Screed Vibration	30 - 50 Hz
Tamping	18 - 27 Hz [5 mm]
Screed Plate	320 mm x 12 mm Wear Resistant
Screed Heaters	4 nos. Diesel (Propane Optional)
Foot Rest	-

SENSOR DEVICE

Grade and Slope Control	Moba Controls
Power Output	on/off Type
Grade Control Measuring Range	[±] 70 mm
Obtainable accuracy for grade	[±] 1 mm
Slope control measuring range	[±] 10 %
Obtainable accuracy for slope	[±] 0.05 %
Enclosure Protection	IP54
Safety Devices	In built pressure relief valves
Make / Type of Pumps and Motors	Sauer Danfoss or Equivalent

* SPECIFICATIONS ARE SUBJECT TO CHANGE

WWP450



TECHNICAL SPECIFICATIONS

WAP 450 & WWP 450 [Suitable for Bituminous, Wet Mix, GSB, DLC & DBM Material]

MODEL	WAP 450 HES (ASPHLT APPLICABLE)	WWP 450 HES (DUAL APPLICABLE)	
Operating Height	3.05 m	3.05 m	
Shipping Height	2.43 m	2.43 m	
Length	5.8 m	5.8 m	
Operating Width	3.12 m	3.12 m	
Shipping Width	2.7 m	2.7 m	
Truck Dumping Clearance	0.6 m	0.6 m	
Wheel Base	2.5 m	2.5 m	
Engine Make	Kirloskar	Kirloskar	Ashok Leyland
Engine Model No.	4R 1040 TC	4R 1040 TA 3	ALU 6.65 ALHT4CTIC3
Engine Power	76 HP @ 2200 rpm	105 HP @ 2200 rpm	105 HP @ 2200 rpm
Electrical System	12 VDC	12 VDC	
Weight [Approx.]	9.5 t	10.5 t	
Hopper Capacity [Approx.]	4 Cubic Metres	4 Cubic Metres	
Steering	Power Steering	Power Steering	
Travel Speed	0 – 16 km/h	0 – 16 km/h	
Paving Thickness	10 – 200 mm	10 – 200 mm	
Paving Speed	1.25 – 23 m / min	1.25 – 23 m / min	
Paving Width	2.5 to 4.5 m	2.5 to 4.5 m	
Tyre Front Solid	2 nos. / 22 x 16 x 12	2 nos. / 22 x 16 x 12	
Tyre Rear Pneumatic	2 nos. / 11 x 20 – 18 PLY	2 nos. / 12 x 20 – 18 PLY	
Fuel Tank Capacity	120 Ltr.	120 Ltr.	
Hydraulic oil Tank Capacity	80 Ltr.	80 Ltr.	
Auger Diameter	300 mm	300 mm	
Screed Type	Hydraulically Extendable	Hydraulically Extendable	
Screed Vibration	0 to 2000 per Minute	0 to 2000 per Minute	
Crown	-1 to + 3%	-1 to + 3%	

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KEY FEATURES

Powered with Kirloskar / Ashok Leyland Engine

Hydraulic Cylinder Tafe / Dental

Steering Unit Sauer Danfoss

Auger Diameter - 300 mm (Ni - Hard Material)

Screed Plate of S.S / Hardox - 500

Tyre Apollo

Battery Prestolite/ SF Sonic

BRIEF DESCRIPTION

SR. NO	MODEL	ENGINE	PAVING WIDTH	SCREED
01	WSP - 550 (SENSOR PAVER)	Kirloskar 6R1080TA1 125 HP / Ashok Leyland 125 HP	2.5 to 5.5 m Dual Applicable (Up to 5.75 m with Extension)	Hydraulically Extendable Temping & Vibrating Screed
02	WWP - 450 (HES)	Kirloskar TURBO 105 HP / Ashok Leyland 101 HP	2.5 to 4.5 m Dual Applicable (Up to 5 m with Extension)	Hydraulically Extendable Vibratory Screed
03	WAP - 450 (HES)	Kirloskar 76 HP	2.5 to 4.5 m (Up to 5 m with Extension)	Hydraulically Extendable Vibratory Screed
04	WWP - 450 (STD.)	Kirloskar TURBO 105 HP / Ashok Leyland 101 HP	2.5 to 4.5 m Dual Applicable	Mechanical Screed (Bolted Extension From 75 mm to 300 mm)



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