

# WAKEN MULTITECH PRIVATE LIMITED

Leading Manufacturer of all type of Road Construction Equipment



## About Us

The capability to develop the quality products is entirely credited to our facility at Plot No. 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 +91-9033840168

[WWW.WAKENMULTITECH.COM](http://WWW.WAKENMULTITECH.COM)

“Excellence in Making Road”



## Technical Specifications

WSP 550 (Suitable for Bituminous, Wet Mix, GSB, DLC & DBM Material)

TRACTOR			FEEDERS	
Operating Height	3.43 m		Auger	Highly wear resisting steel casting dia. 355 mm 20 mm thickness
Shipping Height	2.52 m			
Height w/o Canopy	2.52 m		Feed Tunnel Width	590 mm
Lenght	6.61 m		Conveyor Floor Plate	Wear resisting steel 12 mm
Operating Width	3.14 m		Feed Control System	2 nos. on/off Type
Shipping Width	2.54 m		Auger Control System	2 nos. on/off Type
Tread Width	2.08 m		Auger Lowest Position From Ground	150 mm
Truck Dumping Clearance	0.48 m		Auger and Conveyor Drive	Syncronised
Wheel Base	2.61 m		SCREED	TV 4500
Frame Plate Thickness	16 mm		Screed Basic Width	2.50 m
PRIME MOVER			Infinite Variable Extension	2.50 m to 4.50 m
Engine Make	Kirloskar	Ashok Leyland	With Bolt On Extension Max	5.75 m
Model No.	6R1080TA1	H6ETIC3RU23	Screed Weight Main	2890 kg
Engine Power	92 kW @ 2300 rpm	99 kW @ 2300 rpm	Bolt On Extension Weight	210 kg (625 mm)
Electrical System	12 VDC		Crown	-1 to +4.5%
Type of Cooling	Water Cooled		Gradient Slope	10 % Gradient Slope
WHEELS			Screed Vibration	30 - 50 Hz
Tyre Front Solid	4 nos. / 22 x 16 x 12		Tamping	18 - 27 Hz (5 mm)
Tyre Rear Pneumatic	4 nos. / 10.00 x 20		Screed Plate	320 mm x 12 mm Wear Resistant
PERFORMANCE			Screed Heaters	4 nos.Diesel (Propane Optional)
Weight	14840 kg		Foot Rest	-
Turning Radius Inner	5.5 m		SENSOR DEVICE	
Laying Capacity	300 TPH		Grade and Slope Control	Moba Controls
Paving Thickness	10 - 300 mm		Power Output	on/off Type
Paving Speed	0 - 40 m/min		Grade control measuring range	(±) 70 mm
Travel Speed (Second)	0 - 15 Km/hr		Obtainable accuracy for grade	(±) 1 mm
Hopper Capacity (Approx.)	10 t		Slope control measuring range	(±) 10 %
CAPACITY			Obtainable accuracy for slope	(±) 0.05 %
Fuel Tank Capacity	132 Ltr.		Enclosure Protection	IP54
Hydraulic Tank Capacity	190 Ltr.		Safety Devices	In built pressure relief valves
CONTROLS			Make / Type Of Pumps And Motors	Sauer Danfoss or Equivalent
Operating Station	Dual Station			
Brake	Kaliper Disk Brake			





Our paver machine conform the norms specified by CENTRAL MOTOR VEHICLE ACT and is Tested & Approved by ASAI with BS-III Engines.

## Technical Specifications

WAP 450 & WWP 450 (Suitable for Bituminous, Wet Mix, GSB, DLC & DBM Material)

MODEL	WAP 450 HES (DUAL 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 Layland
Engine Model No.	4R 1040	4R 1040T	ALU 6.65
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 t	
Hopper Capacity (Approx.)	4 Cubic Meter	4 Cubic Meter	
Steering	Power Steering	Power Steering	
Travel Speed	0 - 16 km/hr	0 - 16 km/hr	
Paving Thickness	10 - 200 mm	10 - 200 mm	
Paving Speed	1.25 - 23 m	1.25 - 23 m	
Paving Width	2.5 - 4.5 m	2.5 - 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 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 %	

## KEY FEATURES

Powered with Kirloskar /AshokLeyland Engine

Hydraulic Cylinder Tafe / Dental

Steering Unit Sauer Danfoss

Auger Diameter - 300 mm (Ni - hard material)

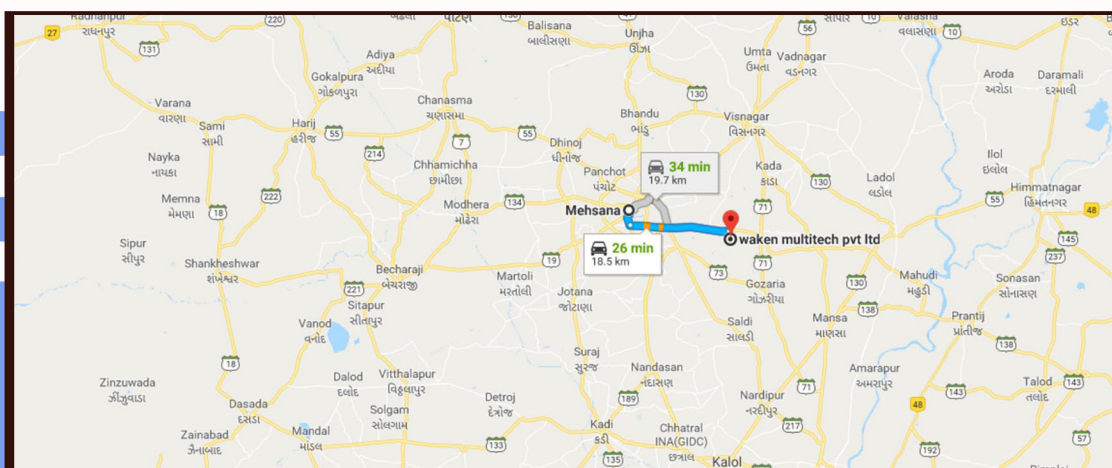
Screed Plate of S.S / Hardox 400

Tyre CEAT / Apollo

Battery Exide / Prestolite

## BRIEF DESCRIPTION

SR. NO	MODEL	ENGINE	PAVING WIDTH	SCREED
01	WSP - 550	Kirloskar 6R1080TA1 125 HP/ ASHOK LEYLAND 125 HP	2.5 to 4.5 m Dual Applicable (Upto 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 (Upto 5 m With Extension)	Hydraulically Extendable Vibratory Screed
03	WAP - 450 (HES)	Kirloskar 76 HP	2.5 to 4.5 m (Upto 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)



### Contact Us

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