

UNIPAVE

WET MIX PAVER



UWM-04



UWM-05

Technical Specifications**MODEL UWM-04****MODEL UWM-05**

Transmission	Mechanical	Mechanical
Front Wheel	Solid rubber tyre 2 Nos. 550 Dia. x 175 mm.	Solid rubber tyre 4 Nos. 550 Dia. x 175 mm.
Rear Wheel	2 Nos. Pneumatic tyre Size: 11.00 x 20	4 Nos. Pneumatic tyre Size: 9.00 x 20
Max. Opt. Wt.	9000 Kgs. Approx.	11000 Kgs. Approx.
Hopper Capacity	4.25 CM	4.25 CM
CAPACITY OF TANK		
Fuel	120 L	150 L
Hydraulic Oil	45 L	80 L
STANDARD ACCESSORIES	Canvas Canopy, Working Lights, Traveling Lights, Horn & Tool Kit	
Prime Mover	Kirlosker make water-cooled electric start Diesel Engine Model 4R 1040, 65 BHP at 2000 rpm or equivalent.	
Transmission	Mechanical transmission. 8 speed reduction gearbox with differential & differential lock arrangement. All the gears are of alloy steel & are hardened and ground and are working in oil bath.	
Screed	The main screed is pivoted at the center point of the machine to assure a constant flatness of work on uneven grounds. It consists of 2440 mm. main screed with mechanical extension of suitable size to work up to 4000 mm. The screed plate is 450 mm wide, 16 mm thick for long service life.	The main screed is pivoted at the center point of the machine to assure a constant flatness of work on uneven grounds. It consists of 2660 mm. main screed with mechanical extension of suitable size to work up to 5000 mm. The screed plate is 600 mm wide, 16 mm thick for long service life.
Brakes	The brakes consist of two hydraulic calipers and independent brake boosters, which are controlled by pedal from the operator's seat. The brakes are acting on the speed shaft, which are coupled to the drive wheels.	
Thrust roller	Two thrust rollers are fixed on front beam fitted on front part of the machine.	Two thrust rollers are fixed on heavy oscillating beam provided on front part of the machine.
Operator's seat	Operator's seat is fitted on the left side of the machine. The seat is adjustable. Control panel and levers are within the easy reach of the operator.	
Hopper and feeding systems	The movement of the two hoppers is obtained by means of hydraulic cylinder. Two conveyor chains one on each side is independently controlled and made of Hardened Steel and covered with heat resistance rubber belts. Material conveyed on both side is sprayed by two auger, both independently controlled by levers provided near the operator's seat.	
Electrical system	12 V battery is provided for lighting system for working and traveling of machine.	
Optional attachment	Electronic sensor can be provided so as to have accurate profile of mat as per job requirement Hydraulically extendable screed Basic width 2.6 meter and hydraulically extendable up to 4.5 meter.	Hydraulically extendable screed basic width 2.66 meter and hydraulically extendable up to 4.5 meter and further extension up to 5.5 meter by Bolt on extension.

(NOTE : SPECIFICATION/DESCRIPTION ARE INDICATIVE AND SUBJECT TO CHANGE WITHOUT NOTICE DUE TO MODIFICATION ALTERATION OR CUSTOM ENGINEERING)

SALIENT FEATURES

- All operating levers including panel switchboard are handy and within easy reach of operator
- All gears and shafts of gearbox are made from alloy steel and are hardened and ground for efficient working
- All chain wheel are made of carbon steel for efficient working
- Single lever control for speed gearing is provided which prevent dual engagement and breaking of gears
- Screed is vibrated with hydraulic motor for compacting the laid layer
- Auger Screw are made from alloy steel material properly heat treated
- All jacks are having one kind of seal kit. (Piston seal and rod seal of P U material.)

EXTRA FEATURES OF UWM - 05

- Rear Wheel on Equalizer Beam reduces undulations of the laid met and decreases wheel slipping
- Hydraulic steering for easy operation

UNIPAVE

Engineering Products

