

Hydrostatic Self-Propelled Road Widener

Model : UWNR 4

UNITER®

Committed To Paving Solution, Since 1973

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Salient Features :

- Good Quality
- User Friendly Operating System
- Easy Operation & Maintenance
- Reliable Service
- Fair Price Practice
- Economical Performance



Transmission	Hydrostatic
Engine Power	49.5 hp @ 2200 rpm
Laying Capacity	300 TPH
Hopper Capacity	1.92 m ³
Blade Width	0.7 m to 2.0 m
Weight	9,200 kg
Conveyor	3 Speed Conveyor
Discharge	Left Hand Side

Operator Seat	Double
Drive	Front wheels
Wheels on Rear Axle	Two
Wheels on Front Axle	Two
Travelling Width	2.6 m (8'6")
Laying Suitability	Wet mix, GSB, Murrum and aggregate up to 40 mm

YOUR IDEA, OUR CREATION, YOUR SUCCESS

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DESIGN AND SPECIFICATIONS



POWER UNIT

Engine	Kirloskar make water-cooled diesel engine, Model 4R810NA2, 49.5 hp (36.91 kW) @ 2200 rpm or equivalent
Electric System	12 V DC
Emission Standard	BS-III
Speed Reduction Gear box	Two speed reduction gearbox to achieve low speed for paving and high speed for traveling

PERFORMANCE

Laying suitability	Wet mix, GSB, Murrum and aggregate up to 40 mm
Laying Capacity	300 TPH
Laying Width	0.7 m to 2.0 m
Blade Vertical Movement	From 0.3 m below ground level to 0.1 m above ground level
Transmission	Two Speed Hydrostatic Transmission
Working Speed	0 to 36 m/min (Max)
Traveling Speed	0 to 17 km/hr (Max)
Weight	9,200 kg (20,283 lb.) approx.
Traction & Conveyor Pump-Motor	Sauer Danfoss, Germany or equivalent

STRIKE OFF BLADE

Blade width	Spreading width from 0.7 m to 2.0 m with bolt-on extension blade and 300 mm hydraulic
Blade Tilting	7° (degree) Up Position and 7° (degree) Down Position Working hydraulically extendable

OPERATOR STATION

Control Panel Type	Sliding
Operator Seat	Double Operator Seat
Traveling Function	Left & Right side
Operating Function	Left & Right side
Steering	Hydraulic
Working Brake	Caliper disc brake on both the sides
Emergency Brake	Spring actuated emergency / parking brake

UNDER CARRIAGE

Rear Wheel	Two no. Pneumatic Tyre Size : 11.00 x 20
Front Wheel	Two no. Pneumatic Tyre Size : 11.00 x 20

HOPPER & FEEDING SYSTEM

Hopper Operation	Hydraulic (Right Hand Folding)
Hopper Capacity	1.92 m ³
Hopper Width	Working: 3.05 (10') Closed :2.45 (81' ½")
Feed Tunnel Width	0.52 (1' 8½")
Push Roller	Heavy duty with manual adjustment

CONVEYOR & AUGER SYSTEM

Conveyor	One Set
Conveyor Drive	Hydraulic with Left Hand discharge
Conveyor Control	ON / OFF switch function
Conveyor Speed	3 Speed Conveyor

REFILL CAPACITIES

Fuel	145 L (38.3 gal)
Hydraulic Oil	260 L (68.68 gal)
Engine Oil	13 L (2.4 gal)

DIMENSIONS

Operating Height	2.95 m (9' 8½")
Shipping Height	2.95 m (9' 8½")
Shipping Height (canopy tilted)	2.95 m (9' 8¼")
(w/o canopy & exhaust)	2.32 m (7' 7½")
Shipping Width	2.60 m (8' 6¼")
Length	5.34 m (17' 6¼")
Wheel Base	2.56 m (8' 4¾")
Dump Height	0.73 m (2' 4¾")
Thrust Roller Height	0.45 m (1' 5¾")
Turning Radius	5.18 m (17')
Track Width	1.82 m (6')

MACHINERY ACCESSORIES

Canopy; Working & Traveling Light; 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; All jacks are having same kind of seal kit (Piston seal and rod seal of PU materials).

(Note : Specification / description / dimensions are indicative and subject to change without notice due to modification alteration or custom engineering.)

*Dimension shown in above figure are measured in mm.

Location

UNITER ENGINEERING PRODUCTS
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