

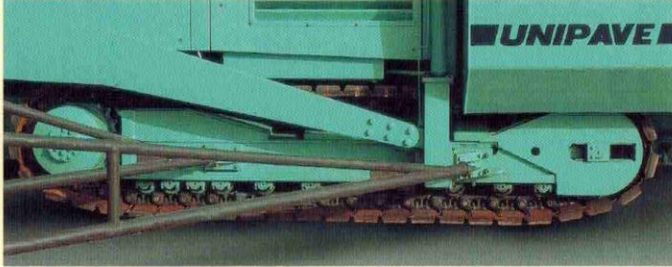
# **UNIPAVE**

**FIRST INDIAN PAVER FOR PAVING WIDTH UP TO 9 METERS**

## **AUTOPAVE 175**



AUTOPAWE 175 is a crawler mounted Paver designed for paving width up to 9 meters. Two hydraulic circuits, synchronized electronically, drive the crawler chain, which can be easily controlled from operating panel by simple rotary buttons.



Two variable displacement pumps, one for each track drives a hydraulic motor, which is coupled with a two-speed gearbox. The two-speed gearbox is linked with a planetary gearbox, which drives the crawler chain wheel and it allows two infinitely variable speeds for working and travel.

Capacity of the Hoppers is 13 tones and are operated with two hydraulic jacks for folding side wings individually. The length of hopper is suitable for Indian

dumpers. Heavy truck buffer rollers are provided on front of the machine for easy operation. Two deluxe seats are provided on both sides of machine with sliding control panel for easy operation.

Conveyor and auger are driven independently and have infinitely variable speed. It can be controlled by displacement sensor as well with a simple rotary button provided on operating panel. The system when working in auto mode automatically controls speed of conveyor and auger as per material requirement. The height of the auger can be adjusted mechanically for better performance for different thickness of laying. The high wear resistant material of auger gives it a long service life.

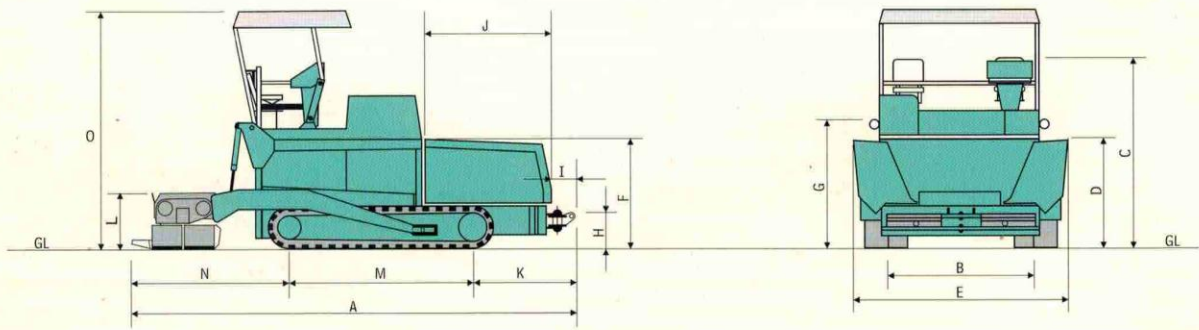
All the controls are in a single panel for easy operation. Traction, conveyor and auger speed are controlled by PLC, which gives flexible control as well as great reliability.



# UNIPAVER

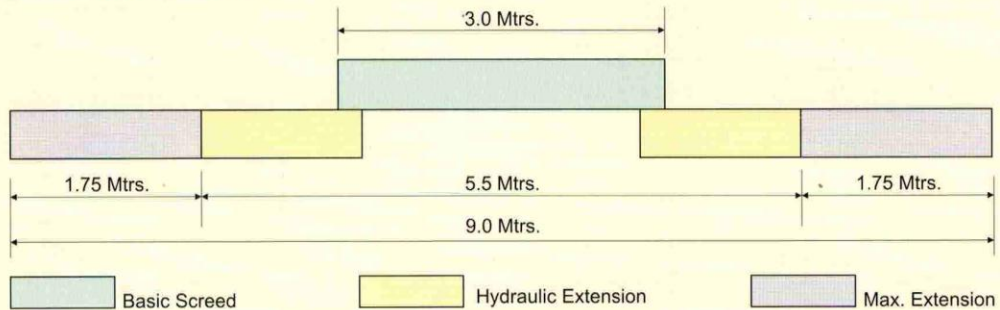


Screed model HX5590 has a basic width of 3 meters and can be hydraulically extended up to 5.5 meters. The mobile part of the screed moves on two heavy telescopic cylindrical guides. These guides are hard chrome plated for wear resistance. The Screed can be further extended up to 9 meters by bolt on extension screed plates for paving width up to 9 meters. Screed plate is heated by LPG gas burners. Tamper and vibration speed can be infinitely varied from operator's panel from zero to maximum. Electronic sensors for slope and grade, controls level of screed to achieve accurate profile of matsurface.



A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
6940	2320	3000	1680	3300	1740	2500	600	320	2000	1590	975	2920	2550	3700

### SCREED EXTENSION DETAILS



### TECHNICAL SPECIFICATION

- Engine** : 6 cylinder Ashok Leyland diesel model 680 TC, water cooled, output 175 hp at 2000 rpm.
- Paving Thickness** : Up to 300 mm.
- Electrical System** : 24V DC
- Speed** : Infinitely variable ; Paving : 0 - 30 m/min, Transport : 0 - 5.0 km/h
- Hopper** : Hydraulically folding side wings, capacity approx. 13.0 t
- Standard Equipment** : Electronic drive control, well dimensioned truck buffer rollers, hydraulically operated hopper wings, 4 individual drives for conveyors & distributor augers. Mechanically height adjustable augers, Proportional auger & conveyor chain speed control by displacement sensors for slope & grade control, Railing with seat console & all-weather roof, screed lock, 2 cross-sliding deluxe seats. 4 working lights, Battery cut-off switch, Tool kit.

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

### OUR RANGE OF PRODUCTS

UNIPAVE Paver with Hydrostatic drive upto 4.5 mtrs. • UNIPAVE Mechanical Paver Finisher  
 UNIPAVE Wetmix Paver Finisher • UNIPAVE Drum Mix Asphalt Plant • UNIPAVE Bitumen Sprayer

# UNIPAVE

Engineering Products

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