



L&T Construction & Mining Machinery

L&T 5590H

HYDRAULIC PAVER

Operating Weight: **12,500 kg**

Paving Width: **2.5 m to 5.5 m**

Gross Power: **76 hp @ 2200 rpm**

Engine: **Ashok Leyland H4CTIC3N-BS III**



Manufactured by

L&T Construction Equipment Limited

Operator Station

- Swiveling and sliding operator seat for excellent visibility
- Tiltible FRP Canopy
- Control panel slides with the seat
- All controls possible from the cabin
- Electrical control for auxiliary functions



Hopper and Feeding System

- Hydraulically operated hopper, feeding system
- Capable of handling Bitumen, Dry lean concrete and Wet mix macadam
- Individual hopper wing operation
- Adjustable feeding rates
- Maintenance free bearings



Screed

- Screed is pivoted at the centre
- Hydraulically operated
- Hydraulically extendable upto 4.5 m
Further Mechanically extendable upto 5.5 m
(0.5 m on each side)
- Optional tamper system for entire screed length



Travel Drive System

- Hydraulic direct drive for travel
- High Torque motor for better efficiency, smooth start and stop operation
- Hydraulic differential lock
- Maintenance free bearings



SPECIFICATIONS

ENGINE

Engine	Ashok Leyland
HP	76hp @ 2200 rpm

PERFORMANCE

Laying Suitability	Bituminous material, wetmix, dry lean concrete, DBM
Laying Capacity	120 - 200 T/per hour
Laying Thickness	250 mm(max) to 10 mm (min)
Transmission	Hydraulic
Working Speed	1.0 to 40 m/min (max)
Travelling Speed	14 kmph (max)
Operating Weight	12500 kg
Slope Grade Control	Hydraulic Control

UNDER CARRIAGE

Rear Wheel	Two nos. Pneumatic Tyres Size 12x20-20 PR
Front wheel	Two nos. Solid Rubber Tyres Size 22x12x16

SCREED

Screed width	2.5 m basic width. Hydraulically extendable to 4.5 m. Further extension of 0.5 m on either side to 5.5 m through bolt on extensions
Screed heating	LPG Burner
Crown	-1.5% to +4%
Screed vibration	Available
Tamper	Optional

HOPPER AND FEEDING SYSTEM

Hopper operation	Hydraulic
Hopper capacity	4.5 Cum
Hopper width	3205 mm
Feed tunnel width	600 mm
Hydraulic control for hopper & feeding system	
Conveyor	2 sets (On either side)
Feeder drive	Hydraulic
Feeder control	Lever operated
Auger screw size	Ø 300 mm

OPERATOR STATION

Control panel	Shifts with the seat
Operator seat	Swiveling & Sliding
Steering	Hydraulic
Brake	Hydrostatic braking with SAHR parking Brakes

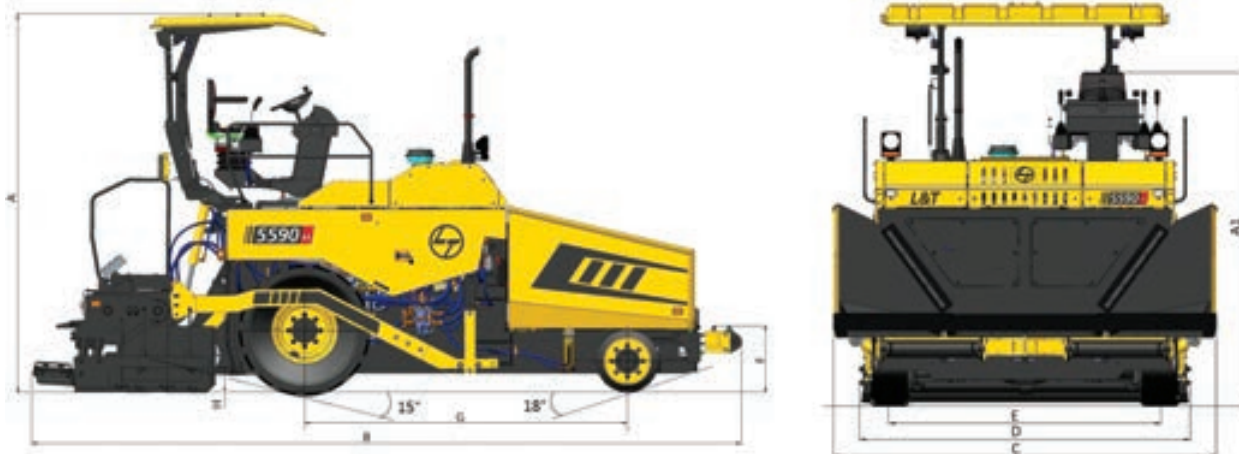
ELECTRICALS

System Volt	12V, DC
Deutsch, IP 67 rated connectors for critical functions	

REFILL CAPACITIES

Fuel Tank	100 liters
Hydraulic	125 liters
Engine Oil	9.5 liters
Engine Coolant	18 liters

MACHINE DIMENSION



- A Operation height 3275
- A1 Height without canopy 2780
- B Length 6260
- C Operating width 3205
- D Shipping width 2700
- E Tread width center 2250
- F Truck dumping clearance 600
- G Wheel base 2830
- H Auger lowest position above the ground 180

All Dimensions in mm

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