



Quality Construction Equipment



HYDROSTATIC SENSOR PAVER FINISHER

Model AP 600



★ Star Export House



Modern Manufacturing Facility

PROVEN TECHNOLOGY

APOLLO has over 1200 installations of Hydrostatic Sensor Paver finishers in India and abroad. Based on customer feed back, Apollo is now offering AP 600 for paving widths upto 6.00 mtrs.

HYDROSTATIC DRIVE

Variable displacement motor and pump for infinitely variable paving and travel speeds. No mechanical shifting either in the pave or travel mode – effortless selection through fingertip control. Independent drives for conveyor and auger for accurate feed control.

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Model AP 600





EXTEND - A - PAVE SCREED

AP 600 has a basic screed width of 2.5 meters that can be hydraulically extended to 4.5 mtrs. Bolt on mechanical extensions of 750 mm each on either side of the screed are offered for paving width of 6.0 mtrs. The tamping and vibration arrangement is in line with accepted international standards. The screed plate heating system with Diesel burners (LPG heating is an optional extra) provides uniform heating across the screed width.

Apollo[®] *Quality Construction Equipment*

HYDROSTATIC CONTROLS

- Independent drives for conveyor and auger
- Two numbers of on-off type controls for feed
- Two numbers of proportional controls for auger
- The steering and transmission are hydraulically controlled



Asphalt Paving

ACCURATE GRADE & SLOPE CONTROL

The state of the art imported electronic grade & slope control sensing device in AP 600 gives accuracy levels in slope and grade meeting international standards.

LONG LIFE

The sturdy construction using quality components means long years of trouble-free performance even under adverse conditions.

PROMPT AFTER SALES SERVICE

Prompt after sales service is provided by a team of trained service personnel of Apollo and that of the dealers. Company training is provided to the customer's engineers as a value added service.

VALUE FOR MONEY

Latest technology at competitive prices is the hallmark of APOLLO.



Wet Mix Paving

TECHNICAL SPECIFICATIONS

Basic Details

Operating Height - A	2.58 mtrs
Shipping Height - B	2.03 mtrs
Length - C	6.50 mtrs
Operating Width - D	3.20 mtrs
Shipping Width - E	2.50 mtrs
Tread Width - F	2.28 mtrs
Truck Dumping Clearance - G	0.56 mtrs
Wheel Base - H	2.60 mtrs
Tyres - Front	4 nos. – 22.00 x 16 x 6 Twin Solid
Tyres - Rear	4 nos. – 10.00 x 20 Pneumatic
Turning Radius	6.50 mtrs (Inner)
Brake	Negative Multidisc
Hopper Capacity	4.50 m ³
Total Weight	14,800 kgs
Operating Control console	Swing type for LH/RH Operation

Screed

Basic Width	2.50 mtrs
With Infinite Variable Extension	2.50 to 4.50 mtrs
With Bolt on Extension (Max.)	6.00 mtrs
Crown	-1 to 4.5 %
Gradient Slope	10 %
Screed Vibration	30 – 50 Hz
Tamping (5 mm) Stroke	18 – 27 Hz
Screed Heaters	Diesel (LPG Optional)

* Subject to availability

Maximum performance may not be obtained simultaneously.

Engine

Make	Cummins 6 BTA 5.9* or Kirloskar
	6R 1080T or Equivalent
Power	169 HP/126 kW @ 2100 rpm

Feeders

Auger	Highly Wear resisting steel casting of 355 mm dia & 20 mm thickness
Feed Tunnel Width	675 mm
Conveyor Floor Plate	Wear resisting steel of 12 mm thickness
Feed Control System	2 nos. Sonic On-Off type MOBA
Auger Control System	2 nos. Sonic Proportional type MOBA
Auger Height Adjustment	125 mm
Auger and Conveyor Drive	Independent

Sensor

Type	Electronic Grade & Slope Control - MOBA
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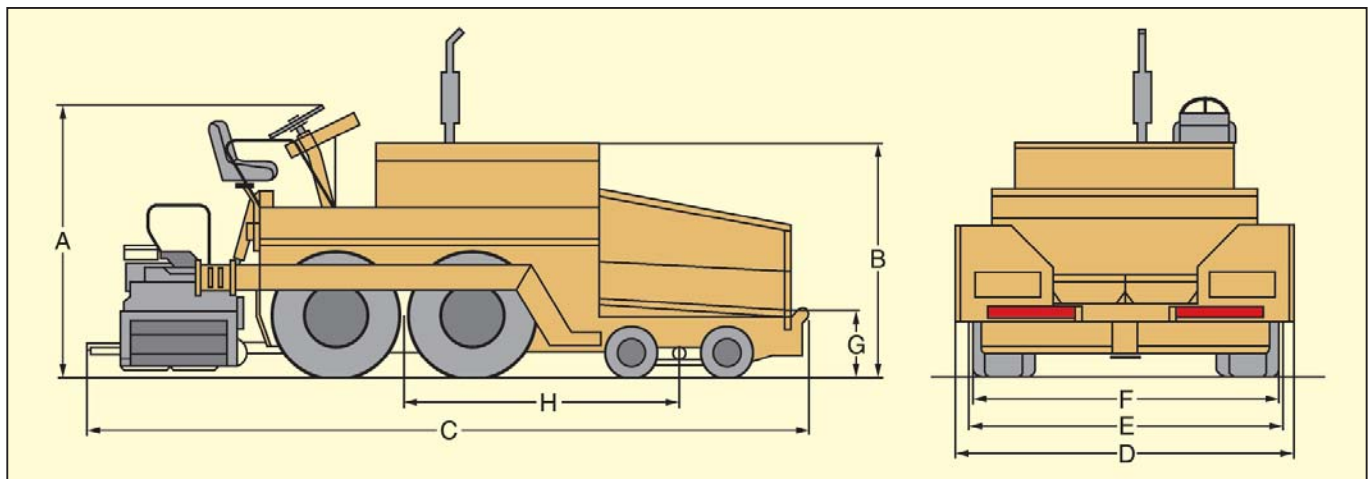
Performances

Laying Capacity	500 tph
Paving Thickness	10 – 300 mm
Paving Speed (Low)	0 – 40 mtrs / min
Paving Speed (High)	0 – 80 mtrs / min
Travel Speed (Low)	0 – 7.5 km / hr
Travel Speed (High)	0 – 15 km / hr

Tank Capacities

Fuel Tank	132 ltrs
Hydraulic Oil Tank	190 ltrs
Electrical Wiring	In line with international standards

Option : Swinging console arrangement for operating the paver from either side.



With Apollo's policy of constant upgradation of products, specifications are subject to change without prior notice. Accessories shown are optional and not a part of standard supply.



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