



Quality Construction Equipment



HYDROSTATIC SENSOR PAVER FINISHER

Model AP 550

(For Asphalt & Wet Mix)



TUV NORD

★ Star Export House



PROVEN TECHNOLOGY

Apollo Hydrostatic Paver Finisher Model AP 550 with Automatic Electronic Sensor Device is a pioneer in this field. More than 1200 units are in operation. 12-15 units of AP 550 are delivered each month, a manifestation of high level of customer acceptance of this proven technology.

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 finger tip control. Limited mechanical parts, hence very low maintenance and service needs.

HYDROSTATIC SENSOR PAVER FINISHER

Model AP 550



Asphalt Paving



EXTEND - A - PAVE SCREED

AP 550 has a basic screed width of 2.5 mtrs. which can be hydraulically extended to 4.5 mtrs. Bolt on mechanical extensions of 500 mm each on either side of the screed are offered for paving width of 5.5 mtrs. The tamping and vibration arrangement is in line with MORT&H specifications. The screed plate heating system with Diesel burners (LPG heating is an optional extra) avoids sticking of bitumen to the screed surface at start up.

ApolloTM *Quality Construction Equipment*

HYDROSTATIC CONTROLS

- Conveyor and auger drive through variable displacement hydraulic pump and fixed motor for adjusting the feed to the desired level. Proportional hydraulic feeding system for stepless feeding control, is an optional extra.
- The steering and transmission are hydraulically controlled.



ACCURATE GRADE & SLOPE CONTROL

The state of the art imported electronic grade & slope control sensing device in AP 550 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 located at the factory, Regional / Branch offices. The high service levels on the spares front ensures high up time of AP 550.

VALUE FOR MONEY

Latest technology at competitive prices is the hallmark of Apollo.



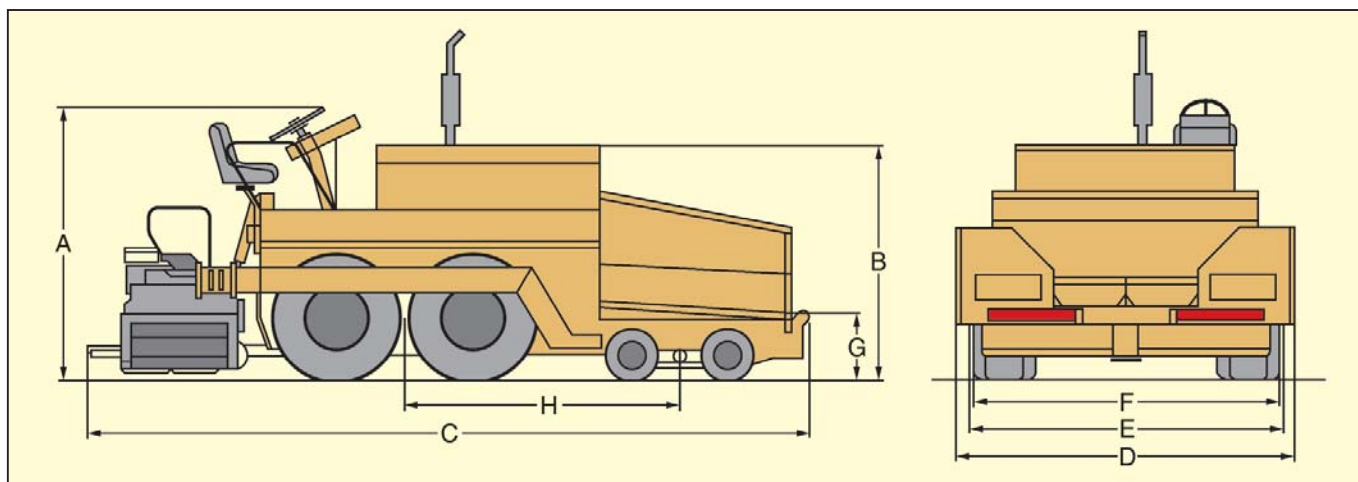
Wet Mix Paving

TECHNICAL SPECIFICATIONS

		AP 550 - Asphalt	AP 550 - Dual (Asphalt & Wet Mix)
Operating Height - A	mtrs	2.51	2.51
Shipping Height - B	mtrs	2.03	2.03
Length - C	mtrs	6.50	6.50
Operating Width - D	mtrs	3.20	3.20
Shipping Width - E	mtrs	2.50	2.50
Tread Width - F	mtrs	2.25	2.25
Truck Dumping Clearance - G	mtrs	0.56	0.56
Wheel Base - H	mtrs	2.60	2.60
Tyres - Front		4 nos. - 22 x 16 x 6	4 nos. - 22 x 16 x 6
Tyres - Rear		4 nos. 10 x 20	4 nos. 10 x 20
Turning Radius	mtrs	5.5	4.00
Hopper Capacity	m ³	4	4
Total Weight	kg	13,400	13,500
Engine			
Make		Kirloskar 6R 1080 or Equivalent	Kirloskar 6R 1080T (Turbo Charged) or Equivalent
Output		105 HP @ 2000 rpm	169 HP @ 2300 rpm
Screed			
Basic Width	mtrs	2.50	2.50
With Infinite Variable Extension	mtrs	2.50 to 4.50	2.50 to 4.50
With Bolt on Extension (Max.)	mtrs	5.75	5.75
Crown	%	-1 to 4.5	-1 to 4.5
Gradient Slope	%	10	10
Screed Vibration	/ min	0 - 3000	0 - 3000
Tamping Strokes (5 mm)	/ min	0 - 1600	0 - 1600
Screed Heaters		4 nos. Diesel Heaters (LPG Heaters Optional)	4 nos. Diesel Heaters (LPG Heaters Optional)
Sensor			
Type		Electronic Grade & Slope Control	Electronic Grade & Slope Control
Performances			
Laying Capacity	tph	300	300
Paving Thickness	mm	10 - 300	10 - 200
Paving Speed 1st gear	mtrs / min	0 - 80	0 - 80
Paving Speed 2st gear	mtrs / min	0 - 40	0 - 40
Travel Speed 1st gear	km / hr	0 - 15	0 - 15
Travel Speed 2nd gear	km / hr	0 - 7.5	0 - 7.5 km / hr
Tank Capacities			
Fuel Tank	ltrs	132	132
Hydraulic Oil Tank	ltrs	190	190
Electrical Wiring		In line with international standards Wiring with Relay and MCB.	In line with international standards.

Maximum performance may not be obtained simultaneously.

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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GUJARAT APOLLO INDUSTRIES LIMITED

Corporate Office :

"Apollo House" Near Mithakhali Circle,
Navrangpura, Ahmedabad - 380 009, INDIA.
Phone : +91-79-2656 3730 / 6618 8888
Fax : +91-79-2656 4705
Email : ibd@apollo.co.in
Website : www.apollo.co.in

Registered Office & Works :

Ditasan, Post Jagudan,
State Highway,
Mehsana - 382 710 (Gujarat) India.
Phone : +91-2762-285 344 / 45
Fax : +91-2762-285 359



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