



**KEY FEATURES**

- Powered with Kirloskar / Ashok Leyland Engine
- Hydraulic Cylinder Tafe / Dental
- Steering Unit Sauer Danfoss
- Auger Diameter - 300 mm (Ni - hard material)
- Screed Plate of S.S / Hardox 400
- Tyre CEAT / Apollo
- Battery Exide / Prestolite

**BRIEF DESCRIPTION**

SR. NO	MODEL	ENGINE	PAVING WIDTH	SCREED
01	CMPL-SP550	Kirloskar 6R1080TA1 125 HP/ ASHOK LEYLAND 125 HP	2.5 to 4.5 m Dual Applicable (Upto 5.75 m With Extension)	Hydraulically Extendable Temping & Vibrating Screed
02	CMPL-WP450 (HES)	Kirloskar TURBO 105 HP/ ASHOK LEYLAND 101 HP	2.5 to 4.5 m Dual Applicable (Upto 5 m With Extension)	Hydraulically Extendable Vibratory Screed
03	CMPL-AP450 (HES)	Kirloskar 76 HP	2.5 to 4.5 m (Upto 5 m With Extension)	Hydraulically Extendable Vibratory Screed
04	CMPL-WP450 (STD)	Kirloskar TURBO 105 HP/ ASHOK LEYLAND 101 HP	2.5 to 4.5 m Dual Applicable	Mechanical Screed (Bolted Extension From 75 mm to 300 mm)

# Hydrostatic Sensor Paver Finisher



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**Technical Specifications**  
CMPL-SP550 (Suitable for Bituminous, Wet Mix, GSB, DLC & DBM Material)

TRACTOR		FEEDERS	
Operating Height	3.43 m	Auger	Highly wear resisting steel casting dia. 355 mm 20 mm thickness
Shipping Height	2.52 m	Feed Tunnel Width	590 mm
Height w/o Canopy	2.52 m	Conveyor Floor Plate	Wear resisting steel 12 mm
Length	6.61 m	Feed Control System	2 nos. on/off Type
Operating Width	3.14 m	Auger Control System	2 nos. on/off Type
Shipping Width	2.54 m	Auger Lowest Position From Ground	150 mm
Tread Width	2.08 m	Auger and Conveyor Drive	Synchronised
Truck Dumping Clearance	0.48 m	<b>SCREED TV 4500</b>	
Wheel Base	2.61 m	Screed Basic Width	2.50 m
Frame Plate Thickness	16 mm	Infinite Variable Extension	2.50 m to 4.50 m
<b>PRIME MOVER</b>		With Bolt On Extension Max	5.75 m
Engine Make	Kirloskar Ashok Leyland	Screed Weight Main	2890 kg
Model No.	6R1080TA1 H6ETIC3RU23	Bolt On Extension Weight	210 kg (625 mm)
Engine Power	92 kW @ 2300 rpm 99 kW @ 2300 rpm	Crown	-1 to +4.5%
Electrical System	12 VDC	Gradient Slope	10 % Gradient Slope
Type of Cooling	Water Cooled	Screed Vibration	30 - 50 Hz
<b>WHEELS</b>		Tamping	18 - 27 Hz (5 mm)
Tyre Front Solid	4 nos. / 22 x 16 x 12	Screed Plate	320 mm x 12 mm Wear Resistant
Tyre Rear Pneumatic	4 nos. / 10.00 x 20	Screed Heaters	4 nos. Diesel (Propane Optional)
<b>PERFORMANCE</b>		Foot Rest	
Weight	14840 kg	<b>SENSOR DEVICE</b>	
Turning Radius Inner	5.5 m	Grade and Slope Control	Moba Controls
Laying Capacity	300 TPH	Power Output	on/off Type
Paving Thickness	10 - 300 mm	Grade control measuring range	(±) 70 mm
Paving Speed	0 - 40 m/min	Obtainable accuracy for grade	(±) 1 mm
Travel Speed (Second)	0 - 15 Km/hr	Slope control measuring range	(±) 10 %
Hopper Capacity (Approx.)	10t	Obtainable accuracy for slope	(±) 0.05 %
<b>CAPACITY</b>		Enclosure Protection	IP54
Fuel Tank Capacity	132 Ltr.	Safety Devices	In built pressure relief valves
Hydraulic Tank Capacity	190 Ltr.	Make / Type Of Pumps And Motors	Sauer Danfoss or Equivalent
<b>CONTROL</b>			
Operating Station	Dual Station		
Brake	Kaliper Disk Brake		



**CMPL-AP450 & CMPL-WP 450**  
(Suitable for Bituminous, Wet Mix, GSB, DLC & DBM Material)

MODEL	CMPL-AP450 HES (HOT MIX)	CMPL-WP450 HES (DUAL APPLICABLE)
Operating Height	3.05 m	3.05 m
Shipping Height	2.43 m	2.43 m
Length	5.8 m	5.8 m
Operating Width	3.12 m	3.12 m
Shipping Width	2.7 m	2.7 m
Truck Dumping Clearance	0.6 m	0.6 m
Wheel Base	2.5 m	2.5 m
Engine Make	Kirloskar	Kirloskar Ashok Layland
Engine Model No.	4R 1040	4R 1040T ALU 6.65
Engine Power	76 HP @ 2200 rpm	105 HP @ 2200 rpm 105 HP @ 2200 rpm
Electrical System	12 VDC	12 VDC
Weight (Approx.)	9.5 t	10 t
Hopper Capacity (Approx.)	4 Cubic Meter	4 Cubic Meter
Steering	Power Steering	Power Steering
Travel Speed	0 - 16 km/hr	0 - 16 km/hr
Paving Thickness	10 - 200 mm	10 - 200 mm
Paving Speed	1.25 - 23 m	1.25 - 23 m
Paving Width	2.5 - 4.5 m	2.5 - 4.5 m
Tyre Front Solid	2 nos. / 22 x 16 x 12	2 nos. / 22 x 16 x 12
Tyre Rear Pneumatic	2 nos. / 11 x 20 - 18 PLY	2 nos. / 12 x 20 - 18 PLY
Fuel Tank Capacity	120 Ltr.	120 Ltr.
Hydraulic Tank Capacity	80 Ltr.	80 Ltr.
Auger Diameter	300 mm	300 mm
Screed Type	Hydraulically Extendable	Hydraulically Extendable
Screed Vibration	0 to 2000 Per Minute	0 to 2000 Per Minute
Crown	-1 to +3 %	-1 to +3 %