

Leading Manufacturer, Supplier & Exporter of Road & Building Construction Equipment...



Quality

ENGINEERS

AN ISO 9001 - 2015 COMPANY



PAVER FINISHER



65-084-7804



CB-004

About Us

Quality Engineers was established to serve road construction industry in a better way. A dedicated team is working hard to make the mission successful under guidance of well experienced technocrat leader having rich experience of more than 26 years of industry.

The company is having a range of Road construction equipments presently like Hydraulic Sensor Paver Finisher, Asphalt Paver finisher, Wet Mix Paver Finisher, Asphalt Drum Mix plant, Asphalt Batch Mix plant, Wet Mix Macadam plant, Asphalt Recycling equipment (RAP), Bitumen Sprayer, Fuel Tanks, Special purpose tanks etc. Moreover, the company is equipped & having aim to develop more equipment as & when required.

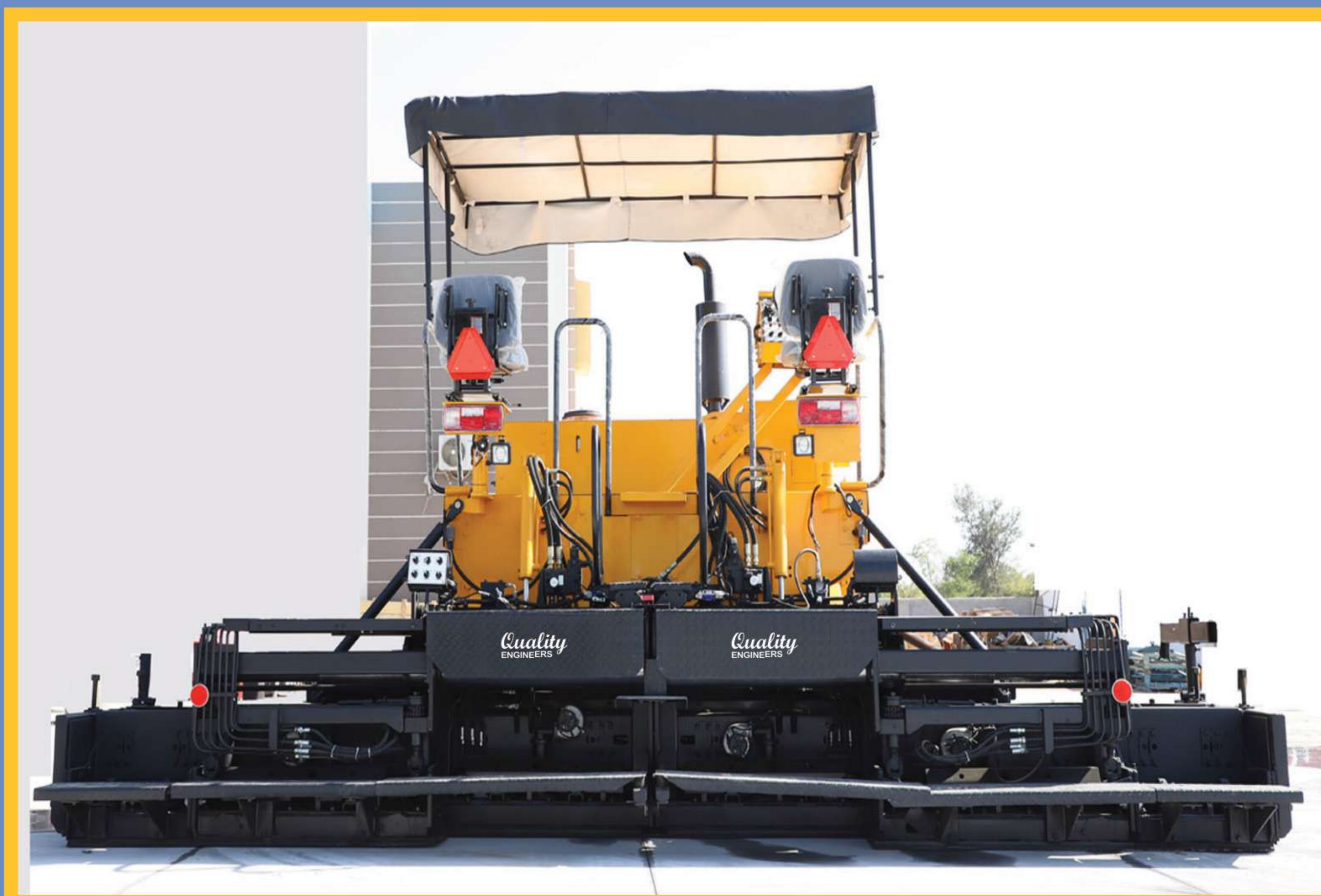
A brief introduction about our company :

- An ISO 9001:2008 Company
- D&B Registered Company
- Experience of 26+ years
- In-house manufacturing facility
- Acquiring well equipped factory in 35000+ Sq. Yd own land area
- Our un-matched service support : 24 x 7 on-line strong service support
- Long term spares support due to up-to-date record of drawings with history file of each plant manufactured
- Competent for customized changes as per customer's requirement but with-in technology purview
- Installation of Asphalt Batch Mix plant with-in 2 weeks subject to readiness of site & other sup.



QUALITY SENSOR PAVER

QSP 550 (Suitable for Bituminous, Wet Mix, GSB & DBM Material)



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QUALITY MECHANICAL PAVER

QWP 450 (Suitable for Bituminous, Wet Mix, GSB & DBM Material)



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QUALITY SENSOR PAVER

Technical Specifications QSP 550

(Suitable for Bituminous, Wet Mix, GSB, DLC & DBM Material)



TRACTOR

Operating Height	3.43 m
Shipping Height	2.52 m
Height w/o Canopy	2.52 m
Length	6.61m
Operating Width	3.14 m
Shipping Width	2.54 m
Tread Width	2.08 m
Truck Dumping Clearance	0.48 m
Wheel Base	2.61m
Frame Plate Thickness	16 mm

PRIME MOVER

Engine Make	Kirloskar	Ashok Leyland
Model No.	6R1080TA1	H6ETIC3RU23
Engine Power	92 kW @ 2300 rpm	99 kW @ 2300 rpm
Electrical System	12VDC	
Type of Cooling	Water Cooled	

WHEELS

Tyre Front Solid	4nos. / 22x16x12
Tyre Rear Pneumatic	4 nos. /10.00 x 20

PERFORMANCE

Weight	14840 kg
Turning Radius Inner	5.5 m
Laying Capacity	300 TPH
Paving Thickness	10 - 300 mm
Paving Speed	0-40 m/min
Travel Speed (Second)	0 -15 Km/hr
Hopper Capacity (Approx.)	10 t

CAPACITY

Fuel Tank Capacity	132 Ltr.
Hydraulic Tank Capacity	190 Ltr.

CONTROLS

Operating Station	Dual Station
Brake	Caliper Disk Brake

FEEDERS

Auger	Highly wear resisting steel casting dia. 355 mm 20 mm thickness
Feed Tunnel Width	590 mm
Conveyor Floor Plate	Wear resisting steel 12 mm
Feed Control System	2 nos. on/off Type
Auger Control System	2 nos. on/off Type
Auger Lowest Position From Ground	150 mm
Auger and Conveyor Drive	Synchronized

SCREED

TV 4500

Screed Basic Width	2.50 m
Infinite Variable Extension	2.50 m to 4.50 m
With Bolt On Extension Max	5.75 m
Screed Weight Main	2890 kg
Bolt on Extension Weight	210 kg (625 mm)
Crown	-1 to+4.5%
Gradient Slope	10 % Gradient Slope
Screed Vibration	30 - 50 Hz
Tamping	18 - 27 Hz (5 mm)
Screed Plate	320 mm x 12 mm Wear Resistant
Screed Heaters	4 nos. Diesel (Propane Optional)
Foot Rest	----

SENSOR DEVICE

Grade and Slope Control	Moba Controls
Power Output	on/off Type
Grade control measuring range	(±) 70 mm
Obtainable accuracy for grade	(±) 1 mm
Slope control measuring range	(±) 10 %
Obtainable accuracy for slope	(±) 0.05 %
Enclosure Protection	IP54
Safety Devices	In built pressure relief valves
Make / Type Of Pumps And Motors	Sauer Danfoss or Equivalent

QUALITY PAVER

Technical Specifications QAP 450 & QWP 450

(Suitable for Bituminous, Wet Mix, GSB, DLC & DBM Material)



OUR PAVER MACHINE CONFORM THE NORMS SPECIFIED BY MOTOR VEHICLE ACT

and is Tested & Approved by

ARAI

with **BS-III** Engines...

MODEL	QAP 450 HES (DUAL APPLICABLE)	QWP 450 HES (DUAL APPLICABLE)	
Operating Height	3.05 m	3.05 m	
Shipping Height	2.43 m 5.8 m	2.43 m	
Length		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	12VDC	12VDC	
Weight (Approx.)	9.51	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	2nos. / 11x20 -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 %	