

HYDROSTATIC SENSOR & MECHANICAL PAVER

APOLLO WHEELED PAVER



AMMANN
Apollo

MECHANICAL PAVER FINISHERS

FOR WET MIX (DLC, WMM), ASPHALT (DBM, BC) PAVING

Ammann offers the WM6 range in its mechanical paver finisher lineup. With over 6,000 units currently in operation across India and overseas, this reflects the strong customer trust in the time-tested WM6 HES technology.

For more than three decades, Apollo wheel-mounted mechanical paver finishers have been the preferred choice of road construction companies in India. Renowned for their reliable technology, robust build, and user-friendly operation, Apollo pavers continue to lead the way.

Equipped with standard truck tyres, these pavers are built to deliver years of trouble-free performance. Key functions such as hopper operations, screed lifting, and the vibrating/tamping mechanisms are hydraulically controlled, enhancing ease of manoeuvrability on site.



WM 6 HES

Weight: 10 870 kg

Engine power: 99 HP (73.5 kW) @ 2000 rpm

Paving width: 2500–4500 mm



LONG-LASTING PERFORMANCE

Durable construction using high-quality components ensures reliable, trouble-free operation for years—even under challenging conditions.

EXCEPTIONAL VALUE

Cutting-edge technology offered at competitive prices is a hallmark of our commitment to delivering value.

RELIABLE AFTER-SALES SUPPORT

Our strong spare parts availability through both the Works and Regional Offices, along with quick response to service requests, ensures maximum equipment uptime throughout the year.

OVER 6000 PAVERS UNITS IN OPERATION

WM 6 HES

MECHANICAL PAVER FINISHER

WM 6 HES

The WM 6 HES is equipped with a standard screed width of 2.5 m, extendable hydraulically up to 4.5 m. Designed for versatility, the WM 6 HES is suitable for paving both Asphalt and Wet Mix Macadam (WMM).



TECHNICAL SPECIFICATIONS



MACHINE TYPE	WM 6 HES
Operating height	3250 mm
Shipping height	2650 mm
Length	5840 mm
Operating width	3125 mm
Shipping width	2710 mm
Weight	10 870 kg
Truck dumping clearance	480 mm
Wheel base	2500 mm
Engine make	Ashok Leyland H4C510120
Power according to ISO 3046-1	99 HP (73.5 kW) @ 2000 rpm
Battery	12 Volts (heavy duty)
Tyres: Front 2 nos. – solid rubber	558 × 405 × 305 mm
Tyres: Rear 2 nos. – pneumatic	12 × 20–18 ply
Paving thickness	10–200 mm
Paving speed	1.25–23 m/min
Paving width	2.5 to 4.5 meters (hydraulically extendable screed)
Travel speed	17 km/hr
Steering type	Hydraulic power steering
Hopper capacity (approx.)	10 t
Fuel tank capacity	120 L
Hydraulic oil tank capacity	80 L
Urea tank	24 L
Screed heating	2 nos. Oil burner
Screed vibration	0–30 Hz
Crown	- 1 % to + 3 %
Standard accessories	Tool box
With AMMANN's policy of constant upgradation of products, specifications are subject to change without prior notice. Accessories shown are optional and are not part of the standard supply.	



NEW FEATURES - WM6



Ergonomically designed clutch lever ensures smooth and effortless operation



Centrally positioned seat on the drive console for enhanced visibility and improved controls



New and enhanced control cluster featuring a colour LCD display



Exhaust after treatment system repositioned for better accessibility and serviceability



Conveniently accessible engine oil filter for quick and easy maintenance



Separate fuse and controller box for organized and efficient electrical management



A-Cloud IOT
Technology



ARAI
Approved



Cold start
capable upto
Zero degrees



High altitude
tested upto 3000 m



LED lights provide superior visibility
for improved operational safety



Optimized hopper design for smoother
coordination with truck movement



collapsible
canopy



Pass by
noise levels
107 dB

HYDROSTATIC SENSOR PAVER FINISHERS

FOR WET MIX (DLC, WMM), ASPHALT (DBM, BC) PAVING

Ammann provides two models of Hydrostatic Sensor Pavers, designed for paving widths between 2.5 m and 7 m. These pavers are renowned for their durability, ease of operation, and low total cost of ownership throughout their entire lifespan.



AP 550

Weight: 15 420 kg
Engine power: 93.2kw @ 2000 rpm
Screed basic width: 2500 mm
With bolt on extension max.: 5750 mm



AP 600

Weight: 17 540 kg
Engine power: 93.2kw @ 2000 rpm
Screed basic width: 2500–2550 mm
With bolt on extension max.: 6000–7000 mm



PROVEN TECHNOLOGY

With over 2000 machines operating both in India and internationally, and 12–15 units delivered monthly, the widespread customer acceptance of Apollo Hydrostatic Sensor Pavers highlights the proven reliability of this technology.

HYDROSTATIC DRIVE

The pavers feature a variable displacement motor and pump, providing infinitely adjustable paving and travel speeds. There's no need for mechanical shifting in either paving or travel mode—selection is effortless with fingertip control.

ACCURATE GRADE AND SLOPE CONTROL

Equipped with advanced European electronic grade and slope control technology, these pavers deliver accuracy that meets international standards.

LONG LIFE

The sturdy constructions using quality components mean years of trouble free performance even under adverse conditions. The product life cycle cost is the lowest in Industry.

PROMPT AFTER SALE SERVICE

A team of trained service personnel at factory / regional / branch / dealer locations provide prompt after sale service. This is supported by a high service level on the spare parts front, thereby ensuring high up time.

SCREED OPTIONS

A variety of screeds are available across the AP Paver range, ensuring optimal paving results for each machine.

AP 550

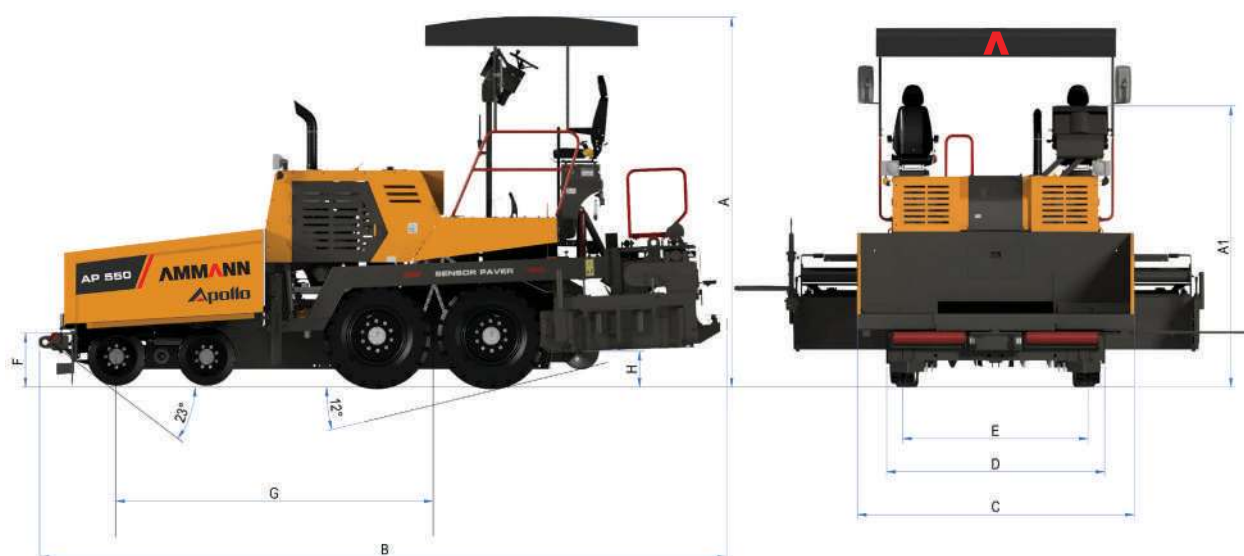
HYDROSTATIC SENSOR PAVER FINISHER

TV 4500 SCREED

The AP 550 features a standard screed width of 2.5 m, which can be hydraulically extended to 4.5 m. Additionally, bolt-on mechanical extensions of 0.625 m on each side increase the paving width to 5.75 m. The tamping and vibration system complies with the Ministry of Road Transport & Highways (MORT & H), Government of India, and international standards. Uniform screed heating is provided by diesel burners, with an optional LPG heating system available.

HYDROSTATIC CONTROLS

The conveyor and auger drive are powered by a variable displacement hydraulic pump and fixed displacement motor for efficient material feed. A proportional hydraulic feeding system is also available, offering step-less feeding control. The steering and transmission are hydraulically operated, providing enhanced maneuverability.



DIMENSIONS

A	Operating height	3580 mm
A1	Shipping height	2580 mm
A1	Height w/o canopy	2520 mm
B	Length	6610 mm
C	Operating width	3140 mm
D	Shipping width	2540 mm
E	Tread width	2080 mm
F	Truck dumping clearance	480 mm
G	Wheel base	3040 mm

AP 600

HYDROSTATIC SENSOR PAVER FINISHER

TV 4900 SCREED

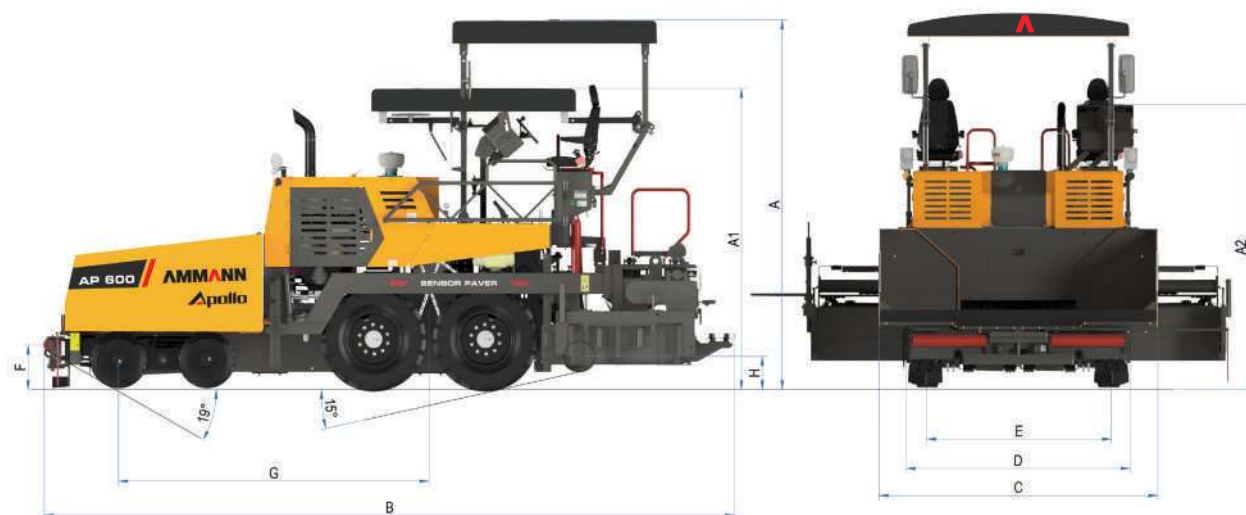
The AP 600 is equipped with the TV 4900 screed, featuring a standard width of 2.55 m, which can be hydraulically extended to 4.9 m. Bolt-on mechanical extensions of 1.05 m on each side allow for a paving width of 7 m. The tamping and vibration system meets the Ministry of Road Transport & Highways (MORT & H), Government of India, and international specifications. Uniform screed heating across the full width is achieved using by LPG heating.

TV 4500 SCREED

The AP 600 is also available with the TV 4500 screed, offering a base width of 2.5 m, extendable hydraulically up to 4.5 m. Bolt-on mechanical extensions of 4×0.75 m provide a paving width of 6 to 7 m.

HYDROSTATIC CONTROLS

- Independent drives for the conveyor and augers
- Two on/off type controls for feeding
- Two proportional controls for the augers
- Hydraulically controlled steering and transmission for enhanced maneuverability



DIMENSIONS

A	Operating height	3605 mm
A1	Shipping height	2820 mm
A2	Height w/o canopy	2550 mm
B	Length	6875 mm
C	Operating width	3140 mm
D	Shipping width	2550 mm
E	Tread width	2120 mm
F	Truck dumping clearance	480 mm
G	Wheel base	3040 mm

TECHNICAL SPECIFICATIONS



MACHINE TYPE	AP 550	AP 600
PRIME MOVER		
Engine make	Ashok Leyland	Ashok Leyland
Model no.	H4C513020	H4C513020
Engine power	93.2 kW @ 2000 rpm	93.2 kW @ 2000 rpm
Electrical system	24 VDC	24 VDC
Type of cooling	Water cooled	Water cooled
WHEELS		
Tyre front solid	4 nos./22 x 16 x 12	4 nos./22 x 16 x 12
Tyre Rear pneumatic	4 nos./10.00 x 20	4 nos./10.00 x 20
CAPACITY		
Fuel tank capacity	132 L	132 L
Hydraulic tank capacity	190 L	190 L
Urea tank	24 L	24 L
PERFORMANCE		
Weight	15 420 kg	17 540 kg
Turning radius inner	9500 mm	9500 mm
Laying capacity	300 TPH	500 TPH
Paving thickness	10–300 mm	10–300 mm
Paving speed	0–40 m/min	0–40 m/min
Travel speed	0–15 Km/hr	0–16 Km/hr
Hopper capacity (approx.)	10 t	11 t

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





MACHINE TYPE	AP 550	AP 600	
FEEDERS			
Feed tunnel width	550 mm	630 mm	
Conveyor floor plate	Wear resisting steel 12 mm	Wear resisting steel 12 mm	
Feed control system	2 Nos. on/off type	2 nos. on/off type	
Auger control system	2 Nos. on/off type	2 nos. Sonic Proportional type	
Auger lowest position from ground	150 mm	110 mm	
Auger height adjustment	-	101.6 mm	
Auger and conveyor drive	Synchronised	Independent	
SCREED			
Screed type	TV 4500	TV 4900 (option-1)	TV 4500 (option-2)
Screed basic width	2500 mm	2550 mm	2500 mm
Infinite variable extension	2500 mm to 4500 mm	2550 mm to 4900 mm	2500 mm to 4500 mm
With bolt on extension max	5750 mm	7000 mm	6000 mm
Screed weight main	2890 kg	3220 kg	2890 kg
Bolt on extension weight	200 kg (625 mm)	385 kg (1050 mm)	230 kg (750 mm)
Crown	- 1 to + 4.5 %	- 2.5 to + 4.5 %	- 1 to + 4.5 %
Gradient slope	10 %	10 %	10 %
Screed vibration	30–50Hz	25–54Hz	30–50Hz
Tamping	18–27 Hz (5 mm)	12–29Hz (5 mm)	18–27Hz (5 mm)
Screed plate	320 mm × 12 mm Wear Resistant	350 mm × 15 mm Wear Resistant	320 mm × 12 mm Wear Resistant
Screed heaters	4 nos. Diesel	10 nos. Propane	4 nos. Diesel
SOUND LEVELS			
Exterior sound power level - Static	106 dB (A)	106 dB (A)	
Exterior sound power level - Dynamic	109 dB (A)	109 dB (A)	
CONTROLS			
Operating station	Dual Station	Dual Station	
Brake	Caliper Disc Brake	Caliper Disc Brake	
SENSOR DEVICE			
Grade and slope control	Moba Controls	Moba Controls	
Grade control	Rotary	Rotary	
Power output	On/Off Type	On/Off Type	
Grade control measuring range	(±) 70 mm	(±) 70 mm	
Obtainable accuracy for grade	(±) 1 mm	(±) 1 mm	
Slope control measuring range	(±) 10 %	(±) 10 %	
Obtainable accuracy for slope	(±) 0.05 %	(±) 0.05 %	
Enclosure protection	IP54	IP54	
Safety devices	In built pressure relief valves	In built pressure relief valves	
Make/type of pumps and motors	Danfoss or equivalent	Danfoss or equivalent	

NEW FEATURES - AP 550 / 600



Premium ergonomic seat with retractable seat belt



New ergonomically designed control panel



New and enhanced control cluster featuring a colour LCD display



Remote engine oil filter for easy access



Separate fuse and controller box



A-Cloud IOT Technology



ARAI Approved



Cold start capable upto Zero degrees



High altitude tested upto 3000 m



Remote oil filter accessibility



Pass by noise levels 109 dB





LED lights for enhanced visibility



Enhanced engine bonnet design for improved performance



AFTER SALES

COVERING ALL NEEDS

Ammann India offers comprehensive preventive maintenance services and technician training to safeguard your investment and ensure the longevity of your equipment. These services are designed to keep your machines running at optimal performance, minimizing downtime and reducing the risk of costly repairs. Additionally, Ammann India provides operator training to empower your team with the knowledge and skills needed to fully utilize all the advanced features and benefits of your machines. This ensures not only efficient operation but also enhances safety, productivity, and the overall lifespan of your equipment.

EXPERT AFTER SALES SERVICE

Ammann India is committed to delivering exceptional after-sales support, ensuring your equipment continues to perform at its best throughout its lifespan. The importance of proper maintenance cannot be overstated, as incorrect service practices can lead to reduced machine efficiency, increased downtime, and higher repair costs. To safeguard your investment, Ammann India employs a team of highly skilled service engineers, trained in the latest maintenance techniques and familiar with the unique needs of your machinery.

These experts are equipped to provide regular maintenance, troubleshooting, and repairs, ensuring that your machine operates smoothly and efficiently.

AMMANN GENUINE PARTS

Ammann India's genuine parts deliver superior value throughout the life of your equipment. These parts are specifically designed to offer enhanced durability and performance, ensuring a perfect fit for your machine. By using genuine Ammann parts, you help optimize the efficiency of other components, allowing the entire system to function smoothly and reliably.

Ammann India prioritizes the availability of these high-quality parts, ensuring that your machines experience minimal downtime and remain in peak operating condition. With our genuine parts, you can trust that your equipment will continue to deliver exceptional performance, reduce maintenance costs, and extend the overall lifespan of your machinery.



TRAINING

AMMANN INDIA ACADEMY

Over the years, road construction equipment manufacturers have played a pivotal role in building and maintaining global infrastructure. As technology evolved, so did the equipment, significantly enhancing users' ability to work more efficiently.

Advancements in equipment technology have led to changes in job specifications and requirements. To keep pace with these developments, Ammann India Academy (AIA) offers specialized training courses for both fresh and experienced individuals. These programs are designed to enhance employment prospects and provide certification from the Infrastructure Equipment Skills Council (IESC).

(For more information, visit www.iescindia.com).

BASIC TRAINING

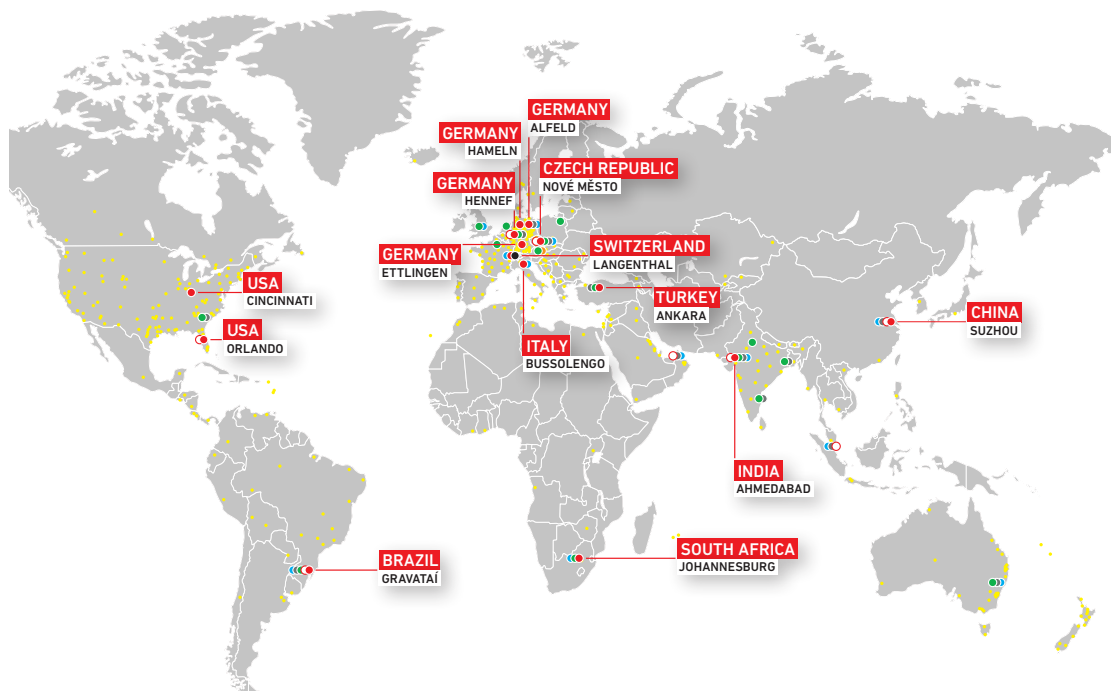
This course is designed to create employment opportunities for freshers, enabling them to become Junior Operators by learning the production sequence, processes, and safety protocols associated with road construction equipment. Instructors will provide comprehensive instruction on the equipment's components and their functions, proper operation techniques, basic maintenance practices, and the equipment's control systems.

ADVANCED TRAINING

Operators aiming to advance beyond the basics and pursue promotion opportunities or secure employment as Senior Operators should enroll in AIA's Advanced Training. This course offers in-depth coverage of road construction equipment operations, safety protocols, parameter settings, maintenance, troubleshooting, and the significance of the control systems software integrated into the equipment.



AMMANN'S GLOBAL PRESENCE



An Innovative, Sustainable Business

Ammann is a world-leading supplier of mixing plants, machines and services to the construction industry, with core expertise in road-building and transportation infrastructure. We are committed to sustainability – in both the products we make and the ways we make them.

Our strengths are the forthcoming approach of a family firm that has been operating for many years, coupled with our strong and well-established international presence. Since 1869, we have been setting benchmarks in the road-building industry, thanks to countless innovations and solutions that are as competitive as they are dependable.

True to our motto, “Productivity Partnership for a Lifetime,” we gear our activities to the needs and requirements of our customers around the globe. Plants and machines that consistently prove their merits under demanding conditions are the best way to give our customers the critical, competitive edge they need.

Our reliable, punctual service network provides the essential spare parts that keep our customers working – and supports the plants and machines throughout their lifetimes.

GLOBAL DISTRIBUTION & SERVICE NETWORK

- HEADQUARTERS
- REGIONAL SALES OFFICES
- SUBSIDIARIES
- AGENCIES & SALES PARTNERS
- MANUFACTURING FACILITIES & CENTRE OF COMPETENCE
- GLOBAL RETROFIT CENTRE
- WAREHOUSES
- TRAINING CENTRES

AMMANN INDIA

INDIAN DISTRIBUTION & SERVICE NETWORK

- MANUFACTURING FACILITIES & CENTRE OF COMPETENCE
- SALES & SERVICE OFFICES
- WAREHOUSES
- TRAINING CENTRES
- DEALER NETWORK



MACHINES

SOIL & ASPHALT COMPACTION

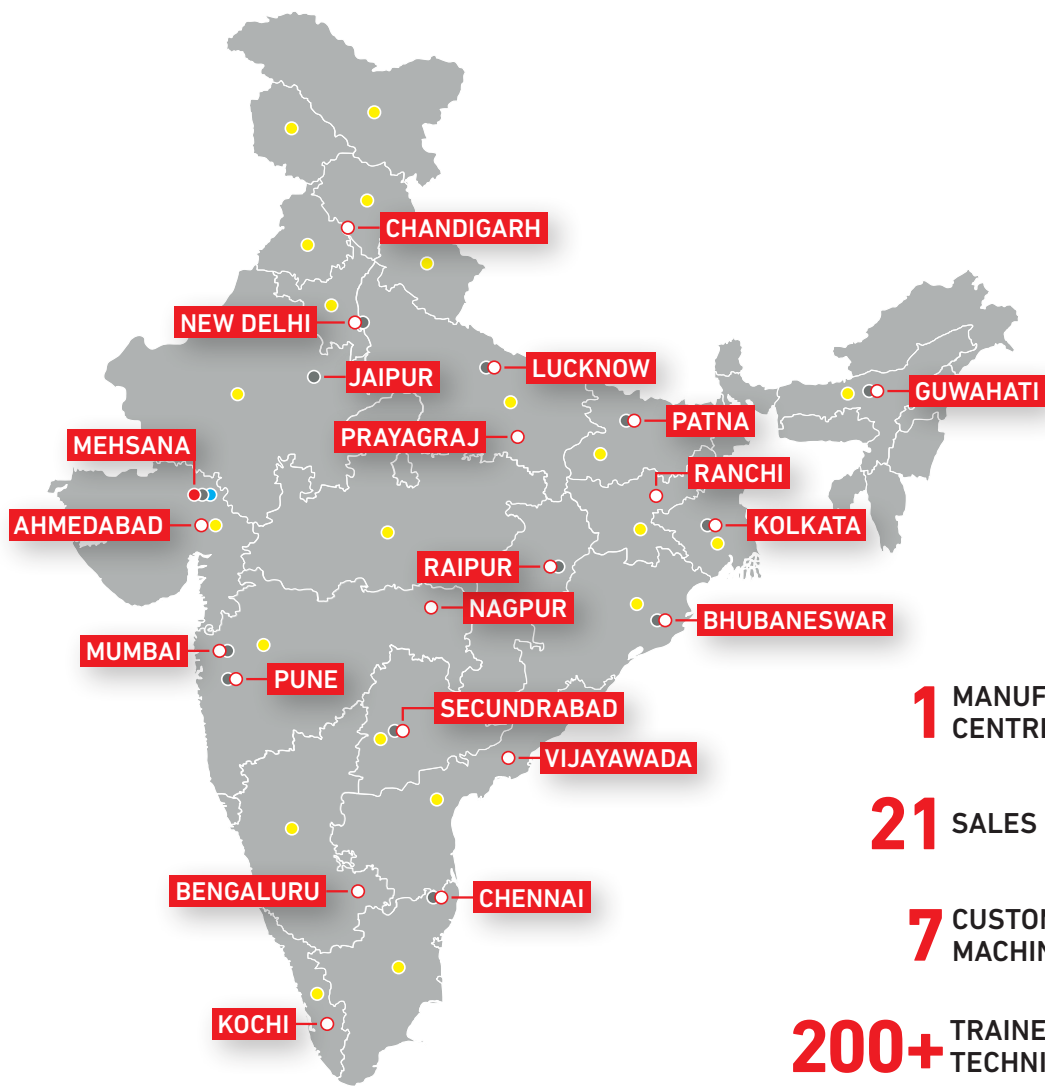
ASPHALT PAVERS



PLANTS

ASPHALT-MIXING PLANTS

CONCRETE-BATCHING PLANTS



1 MANUFACTURING FACILITY & CENTRE OF COMPETENCE

21 SALES & SERVICE OFFICES

7 CUSTOM DESIGNED PACKAGES FOR MACHINES & PLANTS SUPPORT

200+ TRAINED ENGINEERS & TECHNICIANS ACROSS INDIA

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