

CPB36

TRUCK-MOUNTED BOOM PUMP



AMMANN
ELBA

ABOUT AMMANN ELBA

Ammann India, part of the globally renowned Ammann Group with a legacy of over 150 years, is a key player in road construction and infrastructure equipment. Backed by strategic acquisitions such as Gujarat Apollo, Elba-Werk, and Volvo CE's ABG paving business, the company has developed strong capabilities across both asphalt and concrete segments. Its advanced manufacturing facility in Gujarat and integrated portfolio of four brands—Ammann, Apollo, ELBA, and ABG—enable it to serve diverse market requirements while supporting the “Make in India” initiative with high-performance, technology-driven solutions.

Beyond its product portfolio, Ammann India differentiates itself through a robust nationwide support network, operator training via the Ammann Academy, and a clear focus on sustainable technologies. With 17 offices ensuring service accessibility and parts availability, the company consistently strengthens customer confidence. Ammann Elba further enhances this ecosystem by combining German engineering with Swiss precision, offering a complete range of concrete equipment, including batching plants, stationary pumps, and truck-mounted boom pumps. The CPB 36 exemplifies this capability, delivering reliable performance, intelligent controls, and adaptability for efficient concrete placement—reinforcing Ammann's commitment to productivity, uptime, and long-term value



CPB36 TRUCK-MOUNTED BOOM PUMP

GERMAN ENGINEERING. SWISS PRECISION.



The Ammann Elba promise

Ammann Elba builds machines with one goal in mind: peak productivity on every job site. Powered by the intelligent PowerSense Control System and proven S-Valve technology, the CPB 36 is engineered to tackle India's toughest concrete mixes — with consistent reliability and efficiency, shift after shift.

Efficient Performance Redefined -CPB 36

The CPB 36 stands as the powerful core of the Ammann Elba truck-mounted boom pump range. Equipped with a four-arm roll-fold boom, it offers a compact footprint, enhanced durability, and outstanding versatility—making it well-suited for concreting applications such as rafts, columns, slabs, foundations, and walls. Integrated with the advanced PowerSense Control System and X-Frame outrigger setup, it is engineered to perform reliably across diverse job site conditions. Optional features like flexible single-side support and IoT-enabled telematics further expand its adaptability for varied operational needs.

THE PUMPING KIT

BUILT TO LAST, ENGINEERED TO PERFORM



2000 × 230 Pumping Kit

The CPB 36's 2000 × 230 pumping kit handles the most demanding concrete mix designs without compromise. Chrome-plated delivery cylinders create an ultra-low friction bore surface — significantly reducing abrasive wear from aggregate particles, extending cylinder life, and lowering your total cost of ownership.

Delivery cylinders use insert moulded pistons engineered for high-pressure boom pump operation. The piston rubber is chemically bonded and mechanically locked to the carrier body — eliminating seal separation under surge pressure and maintaining a uniform sealing surface across every stroke, even in high-slump or fibre-reinforced mixes. Fewer stoppages. Less maintenance. More pours completed on schedule. Crew productive and your pour schedule on track.



Elba S-Valve- German Engineering to Outlast Every Mix

- Handles extreme concrete delivery pressures with ease
- Built for aggressive and diverse mix designs
- Precision sealing ensures zero leakage performance
- Quick maintenance, fewer wear parts, maximum uptime
- Regeneratable design for longer life and lower ownership cost



ENGINEERED FOR ENDURANCE: THE ELBA ADVANTAGE

At the heart of every concrete boom pump's longevity lies one critical factor — how often its S-valve is forced to shift under pressure.

With a 2,000 mm stroke length, the Ammann Elba boom pump displaces significantly more concrete per cycle, requiring 30% fewer strokes and S-valve shifts to reach the same output target. This reduced cycling demand cascades to all associated wear parts, including the Spectacle Plate, Wear Ring and Thrust Ring, extending their service life by 30% as well— directly delivering a 42% increase in output per stroke.

In high-volume pumping operations where reliability and cost control are non-negotiable, the Ammann pump's longer stroke geometry is not merely a specification — it is a measurable, built-in advantage that keeps your equipment running longer, your maintenance intervals wider, and your total cost of ownership firmly in check.

Type	Output m ³ /h	Cyl Ø mm	Stroke mm
S23200	100	230	2000



BOOM WITH ROLL FOLD

The roll fold boom design ensures smooth and efficient operation, delivering superior performance across diverse construction environments. Its continuous roll-type folding geometry enables uniform load distribution, enhancing structural strength and overall stability during operation. This advanced configuration allows faster unfolding and reduced setup time, improving on-site productivity. Additionally, the optimized pipeline layout with fewer bends minimizes wear and tear, extending service life while reducing maintenance requirements. Designed for reliability and precision, the roll fold boom is ideal for achieving consistent concrete placement even in demanding project conditions

- Continuous roll-type folding geometry
- Uniform load distribution
- Superior structural strength
- Super stable boom frame
- Faster unfolding, reduced setup time



- Twin-layer pipeline for longer service life
- Fewer bends for reduced maintenance cost



CPB36 FEATURES

1

Four arms quick unfolding boom



2

X-frame outriggers for enhanced boom stability during operation

3

Ample storage space for tools and tackles



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4

Easy to
access

5

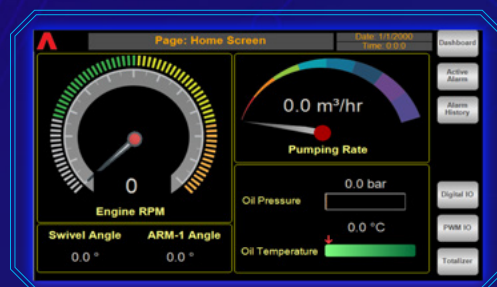
Easy to clean
and maintain

POWERSENSE

THE PRECISE, INTUITIVE AND RELIABLE CONTROL SYSTEM

PowerSense Control System Intelligence That Works for You

The Ammann Elba PowerSense Control System brings smart, automatic chassis engine management to the CPB 36. By continuously monitoring output demand, it adjusts engine RPM in real time — delivering full power precisely when the pumping and boom units need it and scaling back when they don't. The result is a machine that works harder where it counts and conserves fuel where it can, reducing operating costs without ever compromising on performance. PowerSense keeps the CPB 36 running at its highest efficiency — so you get more pours out of every litre of fuel.



Dashboard 1



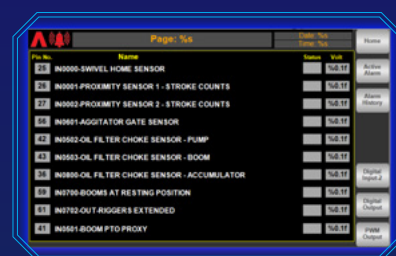
Dashboard 2



Performance Statistics



Radio Remote



On Board Diagnostics

PowerSense Control: Clear, Fast and Safe

Quick & Efficient Setup

- All four boom sections can be operated simultaneously with complete safety
- Enables faster deployment and reduced setup time on site

On-Board Intelligent Diagnostics

- Built-in system for real-time fault detection
- Clear and easy-to-understand diagnostics directly on the display

Online Troubleshooting Support

- Remote access capability for instant issue resolution
- Direct support from Ammann Head Office experts for faster uptime recovery

Real-Time Operational Insights

- Continuous display of live machine performance and statistics
- Helps in better monitoring, decision-making, and preventive maintenance

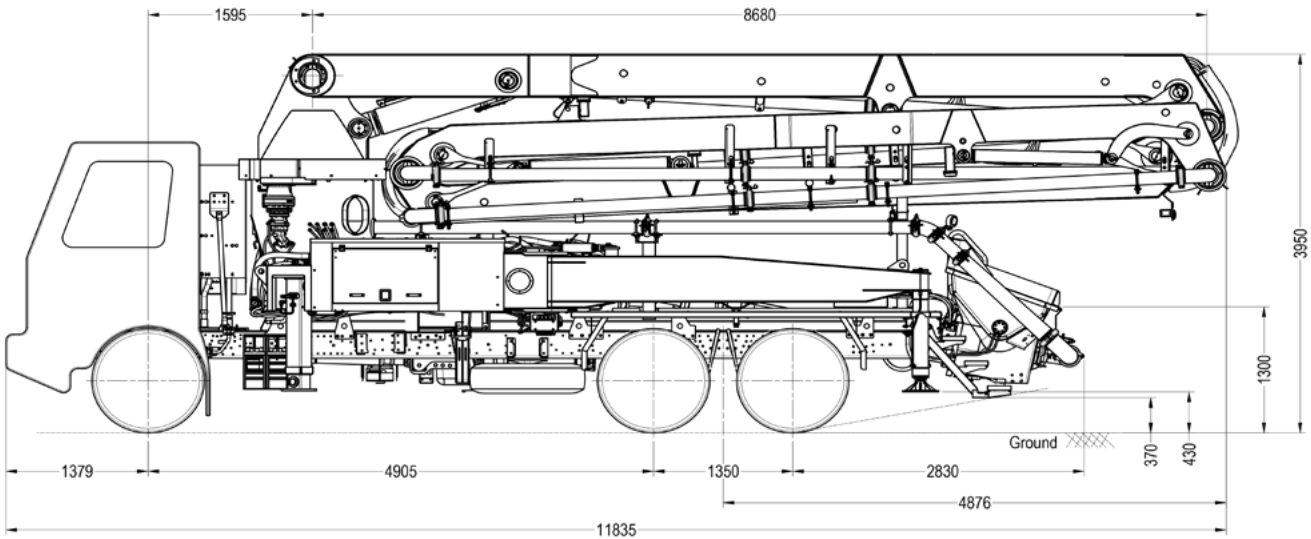
Advanced Touchscreen HMI

- User-friendly touch interface for smooth and intuitive operation
- Designed for quick navigation and enhanced operator convenience

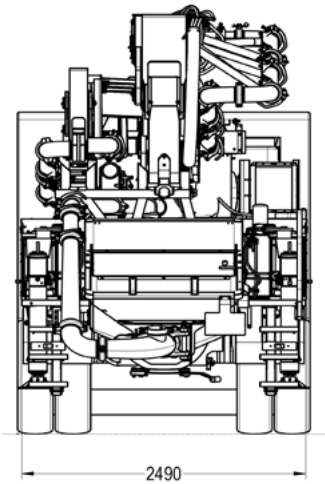
Best-in-Class Battery Performance

- Extended 16 + 16 hours battery backup for uninterrupted operations
- Versatile 3-in-1 remote: Wireless / Wired with Battery Charging enabled.

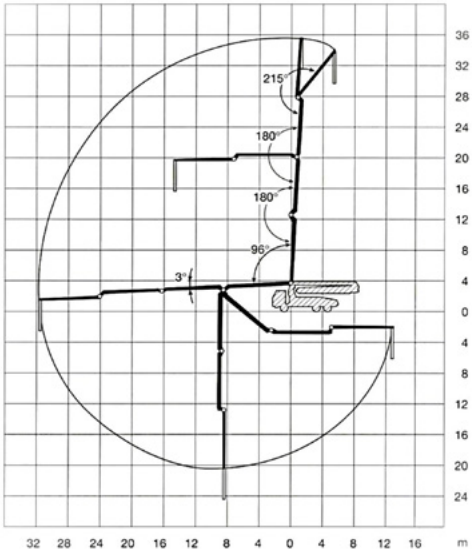
TECHNICAL SPECIFICATION



PUMP MODEL NO.	UNITS	AMMANN CPB36
PUMP CYLINDER DIA.	mm	230
STROKE LENGTH	mm	2000
NO. OF STROKES	nos	20
MAX THEORETICAL OUTPUT	m ³ /hr	100
HOPPER FEED HEIGHT	mm	1300
HOPPER CAPACITY	Litre	600
DELIVERY PIPELINE DIAMETER	mm	125
MAX. PIPELINE PRESSURE	bar	85

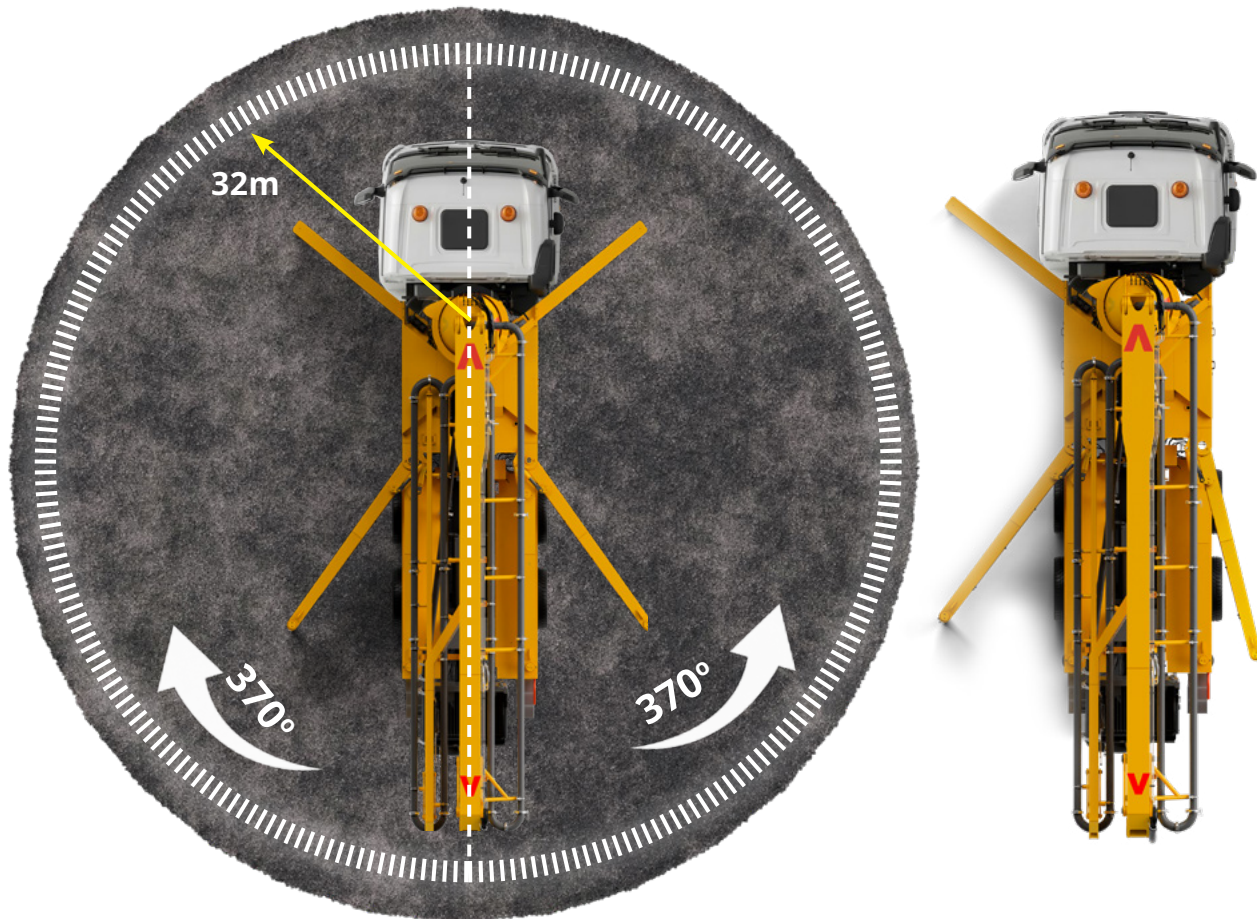


BOOM SPECIFICATION	
VERTICAL REACH (m)	35.8
HORIZONTAL REACH (m)	32
DEPTH REACH (m)	24
UNFOLDING HEIGHT (m)	8.5
SLEWING RANGE (CW & CCW)	2 x 370°
FOLDING TYPE	Roll & Fold
NO.OF.ARMS	4
ARM1 Length (m) & ANGLE (°)	8.5/ 96°
ARM2 Length (m) & ANGLE (°)	7.77 / 180°
ARM3 Length (m) & ANGLE (°)	7.77 / 180°
ARM4 Length (m) & ANGLE (°)	7.75 / 215°
END HOSE LENGTH (m)	4



THE OUTRIGGER SYSTEM

STABLE AND ADAPTABLE FOR
ALMOST ANY SETUP



Support configurations: **Fully Opened** 6.25m / 6.53m **Single Side** 4.24m / 5.37m

The superstructure at a glance

- Low unladen weight — high payload reserve
- Robust and stable structure
- Flexible, space-saving X-Frame outrigger system
- Significantly reduced support widths with Single-side support system
- Dual-side pipeline layout on the boom ensures balanced operation during every pour

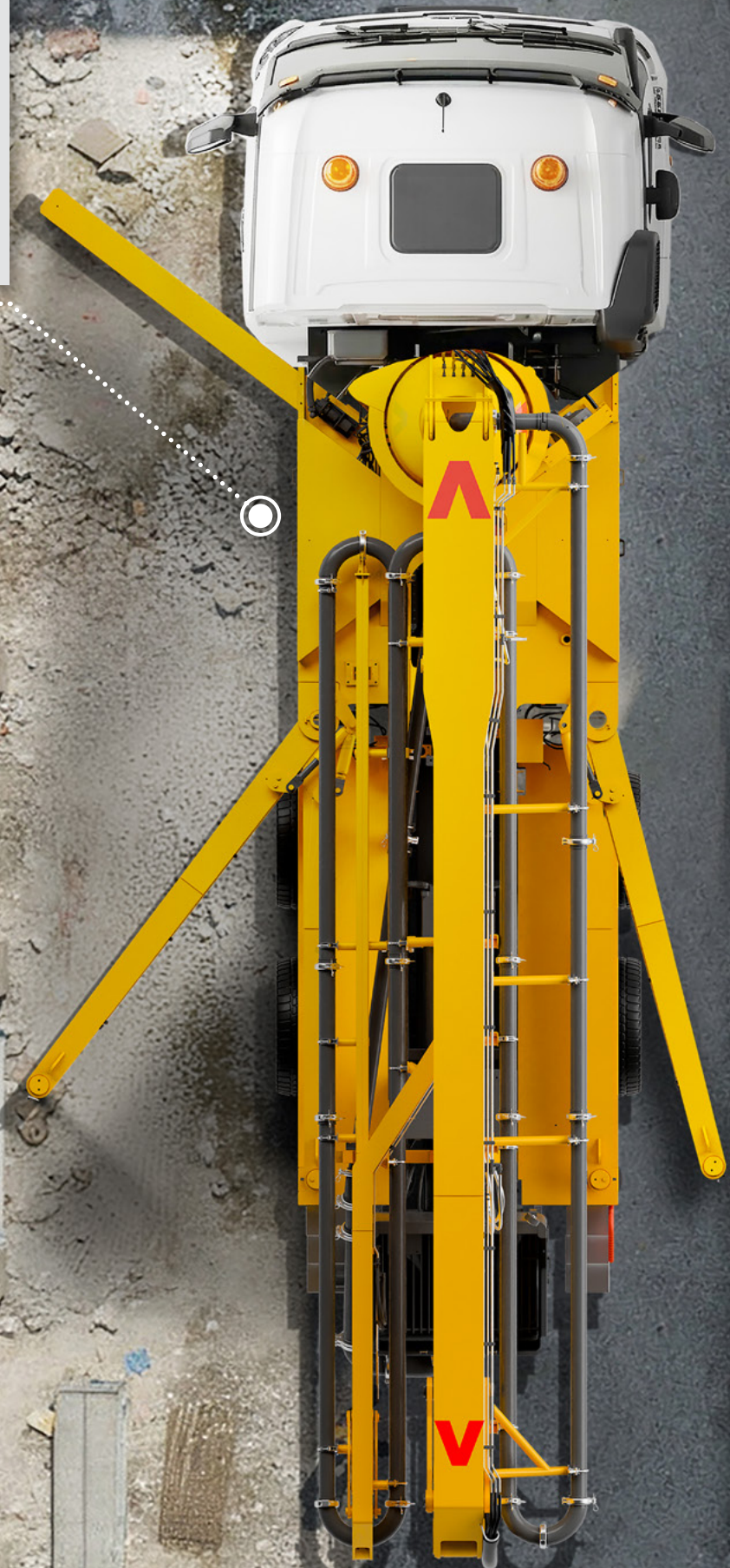
Single-side support option

- Optional single side support system adds an extra layer of flexibility — ensuring a secure, confident setup even in the most challenging site conditions.
- With single-side support, the outrigger extension width is reduced even further — while reach is maintained on the supported side. The built-in safety system ensures the machine remains secure and balanced across all working configurations.

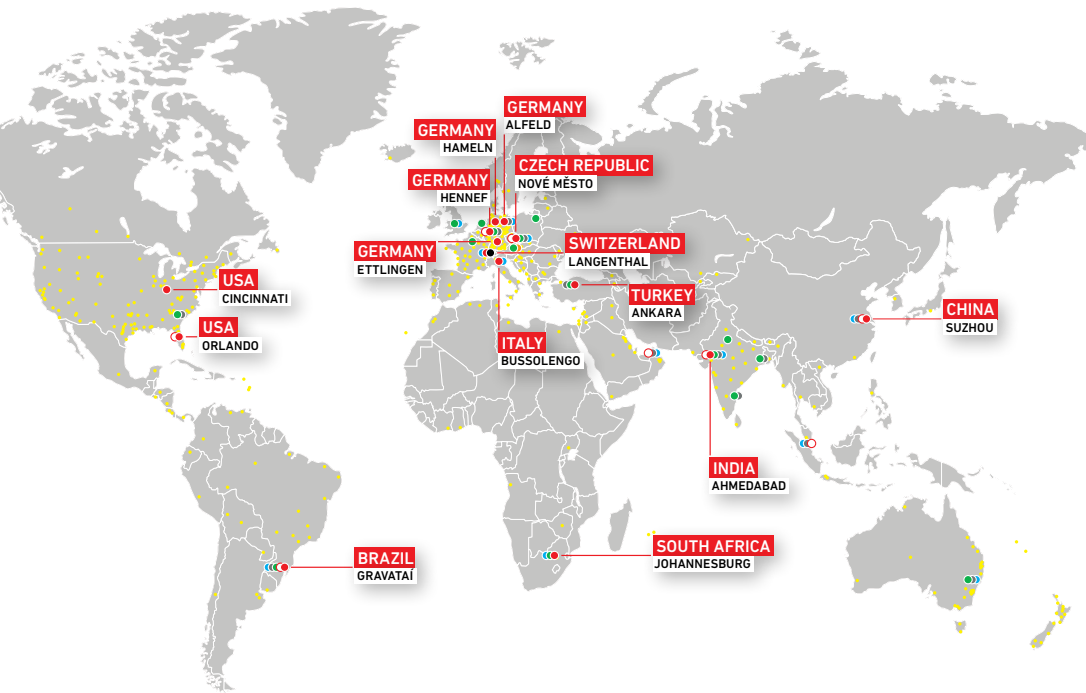
Unmatched Stability in the Tightest Spaces

The CPB 36's X-Frame outrigger system keeps the machine stable throughout every pour.

Its telescoping support legs adjust easily to fit tight spaces and work around on-site obstacles — so setup is quick and secure, no matter the conditions.



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



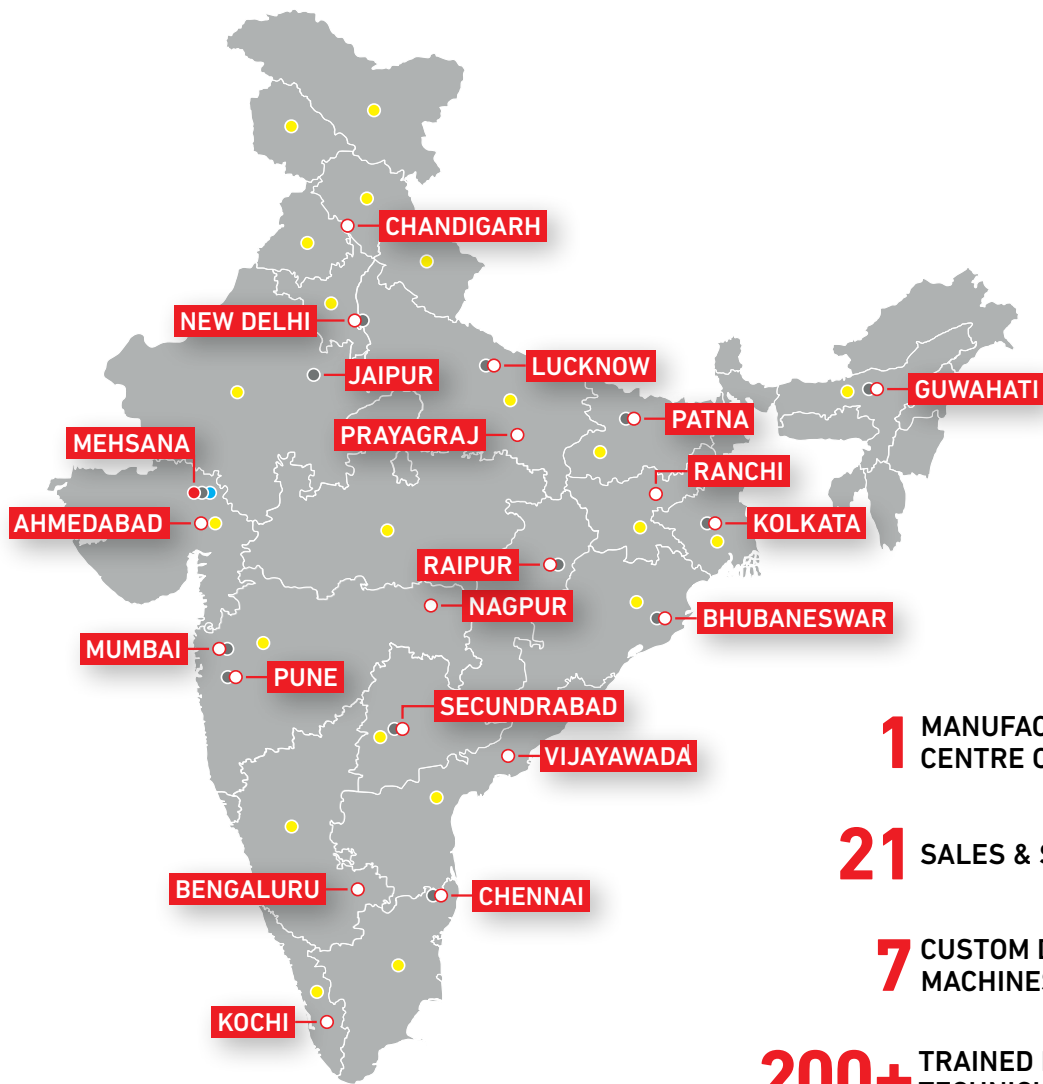
Machines

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

TOLL FREE NO. 1800 258 2233

DITASAN



Ammann India Pvt Ltd

Block No. 157, At. Ditasan

P.O Jagudan State Highway, Mehsana

Gujarat, India- 384460

Phone: +91 27 626 62 200

E-mail: info.ain@ammann.com

Toll Free: 1800 258 2233

For additional product information

and services please visit:

www.ammann.com

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