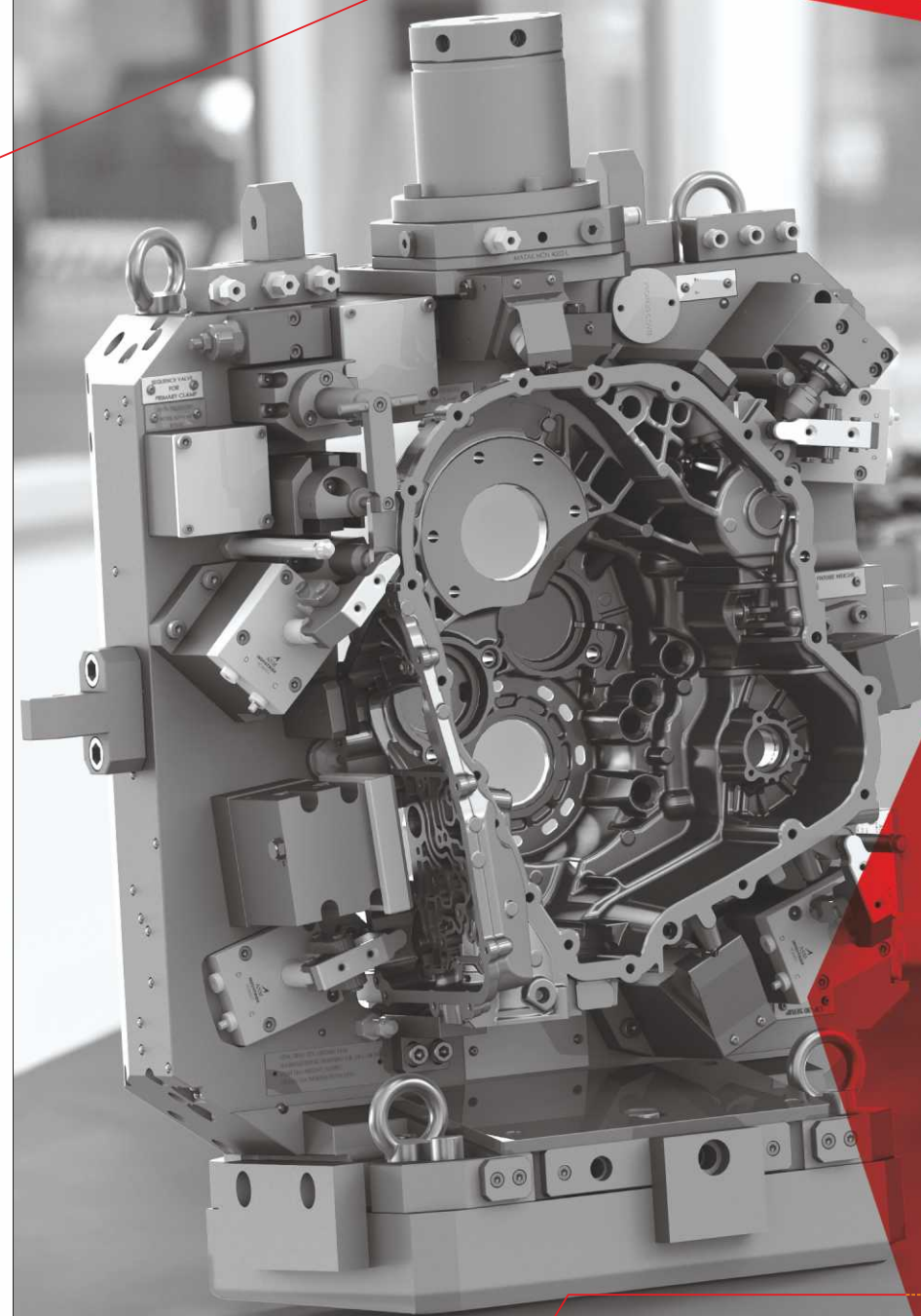




Corporate Office : M-84, Waluj, Chh. Sambhajinagar (Aurangabad), Maharashtra, India-431 136.
Works : M-64, M-168, M-84, MIDC, Waluj, Chh. Sambhajinagar (Aurangabad), Maharashtra, India-431 136.
Tel : +91 98232 56444, + 98234 65222.
Email : marketing@asrindustries.in, enquiry@asrindustries.in, **Website :** www.asmindustries.in

**WORK HOLDING SOLUTION PROVIDER FOR
CNC, VMC, HMC, 5 AXIS & VARIaxis MACHINES**



design by : www.integrateadv.com

www.asmindustries.in

EVERY VEHICLE ON INDIAN ROAD RELIES ON **ASM FIXTURES**

About ASM

ASR Industries, founded in 1996, expanded with ASM Industries in 2018 is a precision performer in the automotive sector, driving India's journey forward with engineering excellence. As India's leading designer and manufacturer of CNC, VMC, HMC, 5-axis, and VARI-axis fixtures, we specialize in delivering innovative, high-quality solutions for automotive engine components.

With over two decades of experience, ASM Group has provided more than 15,000 custom work holding solutions for nearly all critical automotive components, including cylinder blocks, cylinder heads, clutch covers, crank cases, gearbox housings, oil sumps, bearing caps, camshafts, transmission cases, axle arms, rocker arms, intake manifold, battery housing, battery frame, battery cover, alloy wheel, exhaust manifolds and so forth.

We are trusted by 350+ reputed companies worldwide for our precision, efficiency, and reliability. Supported by four state-of-the-art manufacturing facilities and a dedicated Design Centre, we ensure every fixture meets the most stringent industry standards while performing rigorous quality check through cutting-edge technology.

From humble beginnings, ASM Group has grown into a global leader in fixture manufacturing, playing a pivotal role in powering the automotive industry with innovative solutions, unmatched expertise, and an unwavering commitment to quality.



“



CEO's Perspective

Mr. Shridhar Navghare

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"What works today may not work tomorrow."

The industry and the world are constantly evolving, and it is imperative that we draw fresh perspectives from the vast pool of knowledge and information around us. Adaptability and continuous learning are the cornerstones of progress, enabling us to bridge the gap between the successful achievers of today and the innovative groundbreakers of tomorrow. By embracing change and fostering innovation, we ensure a future defined by growth, excellence, and enduring success."

Engineering the Backbone of Automotive Precision

Mission

To revolutionize the manufacturing standard by delivering cutting-edge fixturing solutions that enhance precision, efficiency, and productivity while empowering the automotive industry to achieve excellence.

Vision

To be the global leader in fixture manufacturing, by incorporating innovative ideas and redefining standards in precision engineering, and to remain a trusted partner to clients worldwide by consistently delivering unparalleled quality performance and service.





Manufacturing Facilities

ASM group operates four state-of-art production units, each outfitted with high performance VARlaxis, HMC, VMC, CNC turning and grinding machines from top-tier machine manufacturers like MAZAK, Okuma, Brother and Okamoto. These facilities are designed to deliver high precision-engineered fixtures with exceptional quality and shorter lead times. Our in-house process capabilities of multi-axes machining, deep hole drilling and precision grinding allows the freedom to have intricate design solutions for diverse automotive applications.

High-Quality Machinery, Shorter Lead Times, Better Results



DESIGN

**Flawless Design,
Seamless Execution.**



Design Excellence

At ASM Group, we design fixtures backed by detailed analysis of components and machining operations, considering factors like material, geometry, and cutting forces. Using advanced 3D design software like Solidworks, we create efficient, innovative, and cost-effective solutions. Each design undergoes Failure Mode and Effects Analysis (FMEA) in Ansys to ensure robust performance and accurate part geometry. Our Product Data Management (PDM) system ensures customers always have access to the latest design data for future reference. The Collision Avoidance System (CAS) enhances product safety by detecting potential design errors. With the use of such advance softwares and our design expertise, we deliver innovative and reliable solutions for all work holding applications.

QUALITY

Innovative Inspection for Uncompromised Quality!



Quality Inspection

AT ASM, quality is our cornerstone. Every fixture undergoes rigorous quality checks conducted by dedicated team using high precision instruments like CMM, Contur, precise height gauges, micrometers and so on. From geometric tolerances to surface finishes, we ensure zero-defect in our products. Our in-house facility allows comprehensive product testing and process validation, ensuring our product meets the highest quality standards.



ASSEMBLY

Ensuring Precise Assembly
at Every Step with High-Tech
Workstations!



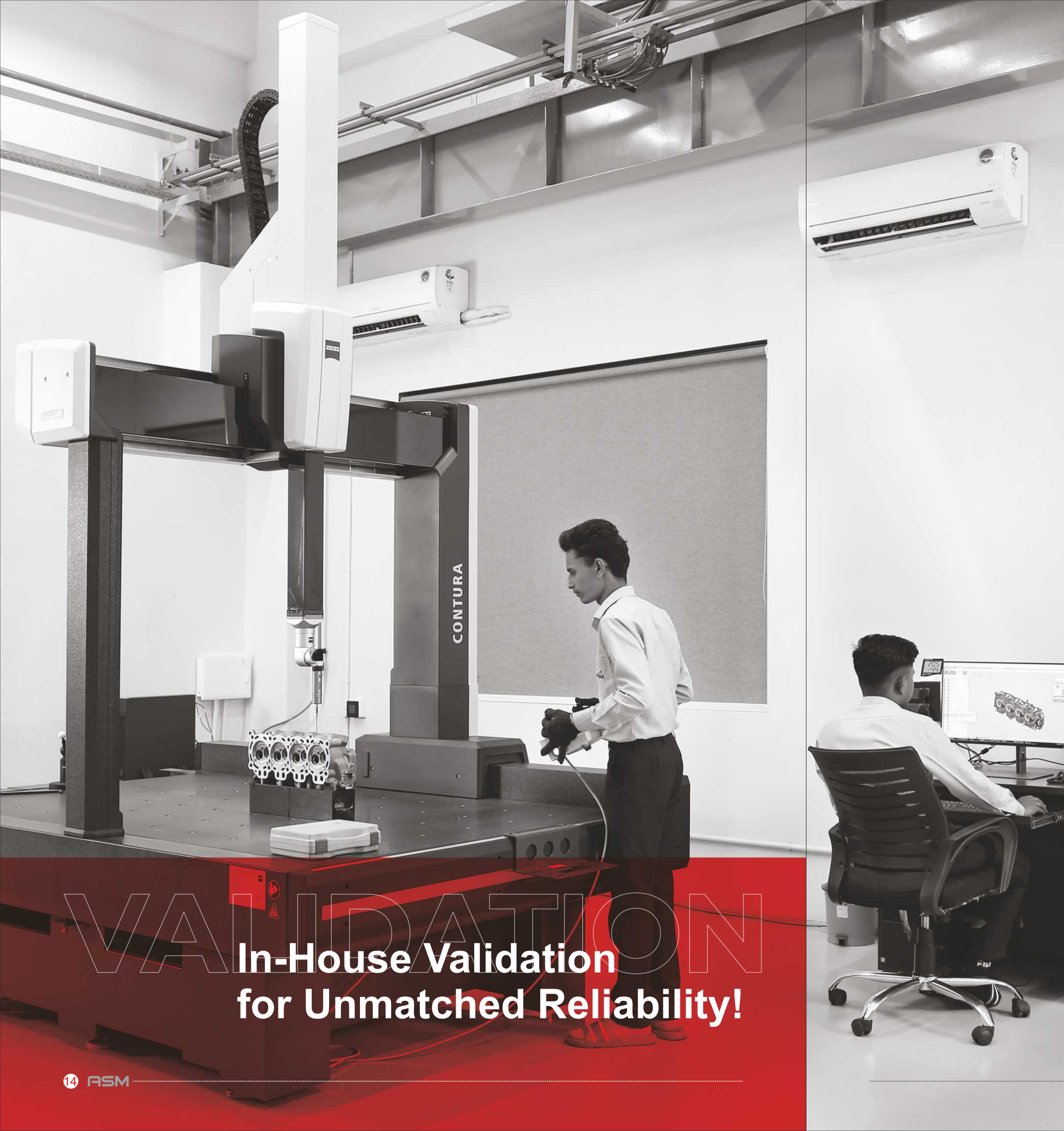
Assembly Workstations

With computerized 3D modeling, components are assembled with accuracy. A power pack enables real-time fixture testing, while a fiberscope camera ensures thorough inspection of internal deep-drilled holes. Additionally, our workstations feature click-type torque wrenches and tool kits for fastening and a pneumatic nut runner for seamless assembly. Designed for excellence, these workstations guarantee high-quality, reliable, and efficient assembly operations.

Separate Stations for:

- ◀ Deep hole cleaning
- ◀ Accumulator charging
- ◀ Pneumatic Seat check confirmation
- ◀ Assembly Inspection
- ◀ Fixture Packing





VALIDATION

In-House Validation for Unmatched Reliability!



Fixture Validation

We boast to be the only company across the globe capable of offering in-house validation of fixtures by providing final component machining and ensuring the required geometric tolerances are achieved. We are also the only provider for batch production of customer components at our end, for the customers initial part validation. This largely eliminates fixture setup and prove out time at customer end, preventing idle machine time losses.

