

# WARPP CONNECT

VOL.03

WARPP ENGINEERS PVT LTD

JUNE 2025  
EDITION

## In this newsletter:

- » **Upcoming events**
- » **Product highlight**
- » **AI in manufacturing**
- » **Techtalks Article**
- » **Beyond Business Article**
- » **Dealer/Customer Testimony**
- » **Employee Spotlight**

## Welcome to the Latest Edition of Our E-Connect

We're excited to bring you fresh updates and stories that connect you to the heart of what we do. This issue covers everything from upcoming events and product highlights to how AI is reshaping manufacturing. You'll also find thought-provoking insights in our Tech Talks, inspiring customer testimonials and a spotlight on the amazing people behind our success.

Thank you for being part of our journey. We hope you enjoy this edition and find plenty of value in what we've prepared for you. Let's dive in!

### *Our core values*

**T**ransparency  
**R**esponsibility  
**I**nnovation  
**I**ntegrity  
**E**mpowerment



# Upcoming events



We're excited to announce that Warpp will be exhibiting at the world's largest Joining, cutting and surfacing exhibition in Germany this year and we'd love for you to be part of it.

Visit our stall at Hall no 6 / Booth 6F31, Essen , Germany.

## Visit our E-Store now

The banner features a yellow header with the 'WARPP ENGINEERING' logo on the left and navigation links for 'WELDING TORCHES', 'WELDING MACHINE', and 'PARTS OF WELDING MACHINE' in the center. On the right of the header are social media icons for WhatsApp, Instagram, Facebook, and a search icon. The main image shows a welder in a blue jacket and red gloves working on a metal piece, with a bright blue flame. Overlaid on the right is a white hexagonal graphic containing images of various welding torches and cables. Text on the left reads 'TIG WELDING TORCH' and 'Water cooled & Gas cooled Torch parts', with a 'SHOP NOW' button below it.

**WARPP**  
ENGINEERING

WELDING TORCHES   WELDING MACHINE   PARTS OF WELDING MACHINE

**TIG WELDING TORCH**  
Water cooled & Gas cooled Torch parts

SHOP NOW

Visit our website: [www.warpp.co.in](http://www.warpp.co.in)

# PRODUCT HIGHLIGHT

Designed with engineering excellence, Warpp's Column & Boom (C&B) Welding Manipulators offer superior performance and stability for automated welding applications. Whether you're working on long seam welds or need accurate weld head positioning for circular seams, these manipulators are built to deliver precise, consistent results across GTAW, GMAW, and SAW processes. With precision-machined components and a structurally optimised design, the Warpp C&B manipulators ensure smooth, controlled boom travel vital for high-quality welds in demanding production environments.

## Column and Boom



### Key Features:

- Robust Structure – Engineered for maximum stability during operation.
- Smooth Boom Travel – Linear bearings in the horizontal axis ensure frictionless motion.
- Vertical Travel Precision – Counterweights and linear bearings (up to 3x3 models) enable smooth and steady vertical movement.
- High-Precision Geared Motor – Coupled with a precision rack for accurate and reliable motion.
- Variable Speed Control – AC motor with VFD (Variable Frequency Drive) allows seamless, step-less adjustment of boom travel speed.
- Safety First – Anti-fall mechanism (for sizes above 3m x 3m), swivel-mounted bearings for column rotation, drag chain cable management, and integrated safety limit switches.
- Versatile Options – Available in fixed column setups or with 360° manual/motorised rotation and manual/motorised trolleys for enhanced flexibility.

From fabrication shops to heavy-duty manufacturing, Warpp's Column & Boom systems are built to support precision welding automation, reduce operator fatigue and boost productivity.

Ready to upgrade your welding line?

Contact us today to learn how Warpp's C&B Welding Manipulators can enhance your production quality and efficiency.



# Our in-house R&D's take on AI and its use in Manufacturing Industries

Manufacturers are frequently facing different challenges such as unexpected machinery failure or defective product delivery. Leveraging AI and machine learning, manufacturers can improve operational efficiency, launch new products, customize product designs, and plan future financial actions to progress on their digital transformation. AI in manufacturing is transforming how products are designed, produced, and maintained. Here's a brief of how AI is being applied across the manufacturing chain:



## Key Applications of AI in Manufacturing

### 1. Predictive Maintenance

- o What it does: Uses machine learning to predict equipment failures before they occur.
- o Benefits: Reduces downtime, cuts maintenance costs, and extends equipment life.

### 2. Quality Control

- o What it does: AI-powered vision systems inspect products for defects in real-time.
- o Benefits: Increases accuracy, ensures consistent quality, and minimizes waste.

### 3. Supply Chain Optimization

- o What it does: Uses AI to forecast demand, manage inventory, and optimize logistics.
- o Benefits: Reduces stockouts and overstock, improves delivery times, and increases agility.

### 4. Process Optimisation

- o What it does: Analyzes production data to find inefficiencies and recommend adjustments.
- o Benefits: Increases throughput, improves energy efficiency, and reduces costs.

### 5. Robotics and Automation

- o What it does: AI-enabled robots can adapt to complex tasks and work alongside humans (collaborative robots or "cobots").
- o Benefits: Enhances flexibility, reduces labor costs, and handles dangerous or repetitive tasks.

### 6. Digital Twins

- o What it does: Creates a virtual model of a physical asset or system using real-time data.
- o Benefits: Enables simulation, monitoring, and optimization of manufacturing operations.

### 7. Product Design and Development

- o What it does: AI accelerates R&D through generative design and simulation.
- o Benefits: Reduces time to market and improves innovation.

## Impact of AI on the Industry

- Cost Reduction: Through efficiency and reduced downtime.
- Increased Productivity: AI helps optimize both labor and machine performance.
- Customization: Enables mass customization by quickly adjusting production parameters.
- Sustainability: Helps track and reduce energy use, emissions, and material waste.



# Tech talks



## Why Reliability Isn't Just a Value , It's a Commitment

In a world obsessed with speed, disruption, and doing things “faster,” there’s one principle we’ve always believed stands above the rest:

**Reliability.** Not just as a feature. Not just as a performance metric. But as a core value one that shapes how we build, how we serve, and how we show up every day. Why Reliability Matters More Than Ever. We live in an age where new tools launch every week, trends come and go overnight, and attention spans are measured in seconds. But what customers really want what you want is simple:

Something (and someone) you can count on.

Whether it’s a product that works every time, a support team that actually responds, or a company that follows through on its promises reliability builds the trust that everything else depends on. And trust, in business and in life, is everything.

For Us, Reliability Means...

At Warpp reliability isn’t just about uptime or performance (though we care deeply about those, too). It’s about consistency in every interaction, across the entire journey.

Here’s how we bring reliability to life:

- In Our Products
  - We build with stability, scalability, and long-term usability in mind no shortcuts, no flashy features that don’t serve a purpose.
- In Our Support
  - When you need us, we’re there. Real people, real help, real timeframes. Because trust can be won or lost in how you handle a problem.
- In Our Roadmap
  - We don’t chase hype. We focus on what’s useful, what’s needed, and what delivers lasting value.
- In Our Culture
  - Internally, reliability is about having each other’s backs. Meeting deadlines. Owning mistakes. Doing what we say we’ll do.

Because you can’t claim to be reliable if you don’t live it, every day.

Why It Benefits You

When you choose a reliable partner, you:

- Save time and energy because you don’t have to double-check or worry
- Make better decisions because your tools and insights are stable
- Build better relationships because your customers feel the same trust you do

Reliability is foundational. And we’re proud to make it part of everything we deliver to you.

We’re not perfect (no one is). But we’re relentless about improving, fixing fast, listening hard, and showing up again and again. Because we know reliability is earned not claimed. So thank you for trusting us. We take that responsibility seriously. And we’re here to keep proving it.

# Beyond Business

At Warpp Engineers, progress is not just a goal it's a continuous journey. Over the years, our production team has grown from a small, dedicated unit into a highly skilled and strategically aligned force that drives the heart of our operations. The Early Days: Built on Grit and Skill. A In our early years, production was all about hands on expertise, commitment, and problem-solving on the shop floor. With a lean team and basic infrastructure, we relied heavily on individual craftsmanship and experience to deliver results. Every project was a learning curve and every product built was a testament to hard work and perseverance. Introducing Processes and Precision As the demand for steel fabrication, pressure pumps, and custom welding solutions grew, we began standardising our production methods. Our team adopted lean manufacturing principles, implemented structured workflows, and introduced quality checks at every stage. This shift brought consistency, reduced waste and ensured that every unit met our high standards. Investing in People and Technology Understanding that people are our most valuable asset, we focused on upscaling our team with training in advanced welding techniques, material handling and safety protocols. Simultaneously, we invested in modern machinery and digital tools automated cutting systems, precision welding equipment and production tracking software to enhance speed, accuracy and efficiency. Today: A Culture of Continuous Improvement. Today, our production team reflects the professionalism, reliability, and innovation that define Warpp Engineers. Whether it's supplying critical components for the shipbuilding industry or fabricating solutions for the food and Pharma sector, our team is equipped to handle complex demands with confidence. We're proud of how far we've come and we're even more excited about where we're going. As we continue to grow, our commitment remains the same: to deliver engineered excellence with every product we make.



# Dealer testimony



RAJENDRA G. BHOI  
RAJNIL MARKETING(M.D.)

We've been proudly associated with WARPP Co. since June 2006 as their distributor for welding machines, cutting machines, automation systems, CNC, and laser welding solutions. Over the last 19 years, our partnership has been smooth, successful, and mutually rewarding. Thanks to the strong support from the Sales and Service teams, as well as the continuous guidance from Mr. Ramakant Bhagwat and Mr. Prabhudas Golla, we've built a strong presence in Kolhapur and Sangli, where WARPP and RAJNIL have become trusted names. We're also glad to share that the next generation has joined us my son Shubham is now actively involved in our business. Looking forward to many more years of growth together.

## Meet our team- behind the scenes



Sagar Malavkar,  
Dispatch Department

Being part of this organization has been a truly rewarding experience. I've had the opportunity to learn, grow, and contribute to meaningful work alongside a supportive team. The trust, encouragement, and collaborative environment here have helped me develop both personally and professionally. I'm proud to be part of this journey.