ROBOTIC SYSTEMS FOR HEAVY INDUSTRIAL EQUIPMENT & VEHICLE MANUFACTURERS











INTECRO
ROBOTIC WELDING

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Robotic Solutions for TRAILER Manufacturers

(Welding/Cutting/Handling/Assembly)

Robotic Welding System for Body Components

- **Tipper**
- **Silo**
- **Front Wall and Rear Cover**



- **Unmatched Efficiency:** Drastically boost output and streamline your production lines.
- **Flawless Quality & Consistency:** Achieve perfect welds and precise assembly, every time.
- **Enhanced Worker Safety:** Protect your most valuable asset by automating hazardous tasks.
- **Precision & Reliability:** Ensure consistent, accurate production that eliminates human error.
- **Cost Savings & Flexibility:** Optimize your operations, reduce waste, and adapt quickly to changing demands.
- **Superior Component Durability:** Build trailers that stand the test of time with robust, consistently produced parts.

Smart Welding, Low Cost, Superior Trailers!

Feasibility Studies & Consulting Services

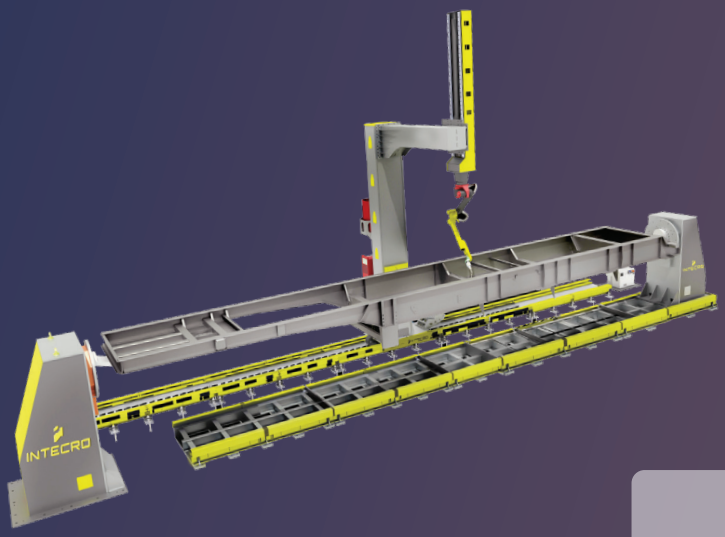
Guiding Your Robotic Investment from Concept to Reality

Jig and Welding Fixtures

Precision Fixtures for Flawless Welds

Experience in the Heavy Welding Industry

Your Trusted Partner for Heavy-Duty Welding Solutions

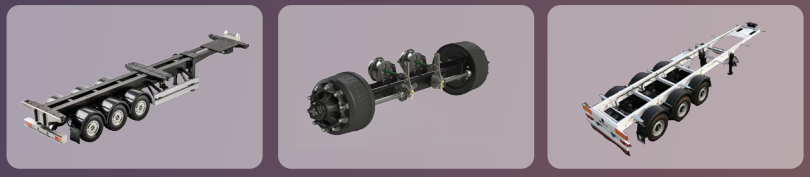


Robotic Welding System for Undercarriage Components

- **Chassis**
- **Axle**
- **Gooseneck Group**
- **Kingpin**

For the critical undercarriage assembly components – the chassis, axles, goosenecks, and kingpins – INTECRO delivers sector-specific advantages that directly benefit trailer manufacturers. Our advanced robotic systems ensure:

- **Fast, Efficient Production,**
- **Significant Time & Cost Savings**
- **Consistent, High-Quality Welding**
- **Enhanced Trailer Durability**
- **Future-Proof Adaptability**



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Robotic Solutions for SUPERSTRUCTURE MOUNTED VEHICLE Manufacturers

(Welding/Cutting/Handling/Assembly)

FIRE TRUCKS | GARBAGE COLLECTION VEHICLES | DUMP / TIPPER TRUCKS | HYDRAULIC PLATFORMS | WATER TANKERS | COMBINED/SEWER CLEANING VEHICLES

Superior Solutions That Add Value to Superstructure Mounted Vehicles!



- **Flexibility:** Compatible with workpieces of various sizes and shapes.
- **Cost Efficiency:** Reduces costs in the long term.
- **High Precision:** Performs welding with millimetric accuracy.
- **Productivity:** Speeds up production processes andincreases efficiency.
- **Safety:** Maximizes occupational safety.

















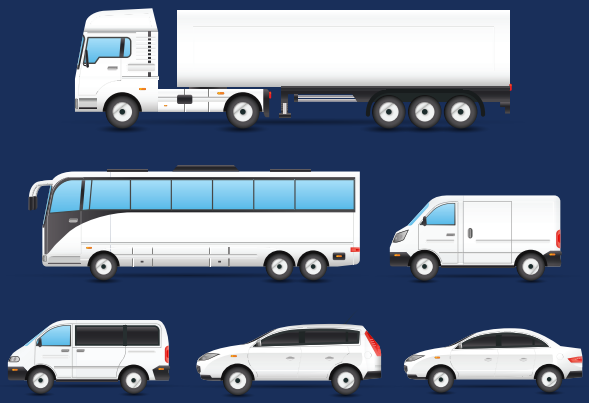


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Robotic Solutions for COMMERCIAL VEHICLE Manufacturers

(Welding/Cutting/Handling/Assembly)

- Light Segment Vehicles
  - Vans
  - Pickups
  - Minibuses
- Medium Segment Trucks
  - Distribution Trucks
  - Box Trucks
- Heavy Segment Trucks
  - Chassis Trucks
  - Tractors



Special Production Processes Enhanced by Innovation

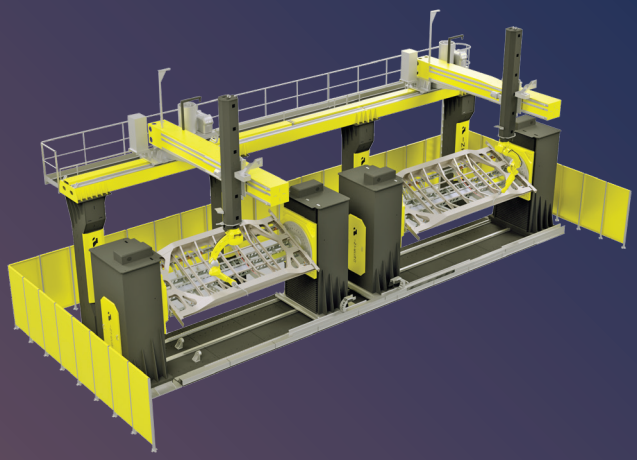
INTECRO Robotic propels your production lines to the next level with our specially developed Robotic Welding, Cutting, Assembly, and Transfer Systems for commercial vehicle manufacturing.

Feasibility Studies & Consulting Services

Experience in the Heavy Welding Industry

Precision Welding & Assembly Fixtures





Robotic Solutions for AUTOMOTIVE SUB-INDUSTRY (TIER) Manufacturers

(Welding/Cutting/Handling/Assembly)

- SEAT FRAMES
- AXLE PRODUCTION
- ALUMINUM FUEL TANKS
- AC SYSTEM HOUSINGS
- BRAKE PADS AND DRUMS
- VEHICLE AND PASSENGER SAFETY COMPONENTS









Cost-Focused Approach

Agile Project Management

Tailor-Made Design

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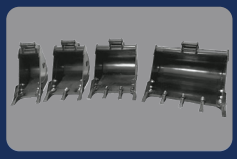
Robotic Solutions for CONSTRUCTION EQUIPMENT Manufacturers

(Welding/Cutting/Handling/Assembly)

- EXCAVATOR BUCKET
- BOOM AND ARMS
- FORKLIFT COMPONENTS
- MOBILE CRANE, TIPPER
- PLATFORM
- CRANE
- TOWER CRANE
- GARBAGE CONTAINER
- FUEL, CHEMICAL, ETC. SILOS

The Construction Equipment of the Future is Now Shaped by INTECRO

INTECRO offers seamless joining solutions for all metal-based lower and upper body parts. With part-specific fixtures and turnkey system designs, our welding and metal processing solutions add value to your products.








- **Quality and Consistency:**
  Low error rate and high repeatability.
- **Increased Efficiency:**
  Uninterrupted production and higher production speed.
- **Safety:**
  Improved workplace safety and ergonomic working conditions.
- **Flexibility:**
  Ability to adapt to different products.
- **Cost Savings:**
  Lower costs thanks to long service life.
- **Data Analysis:**
  Optimization of production processes.
- **Eco-Friendly:**
  Less waste and lower energy consumption.

Powerful Solutions for Heavy-Duty Applications!



Fast Production

Time Management

Reliable Business Partnership

INTECRO
ROBOTIC WELDING

“New Generation of Robotics and Turnkey Line Automation for Manufacturing”

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