



Reliable. Repeatable. Clean.

That's the OTC DAIHEN Single-Source Solution.



The OTC DAIHEN Advantage

Selling Advanced Welding & Robotic Systems

AHB

TOOLING & MACHINERY

**COMPLETE
METALWORKING
SOLUTIONS**

(800) 991-4225

www.ahbinc.com

ISO Certified

customerservice@ahbinc.com



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OTC DAIHEN, INC.

- DAIHEN founded: 1919 in Osaka, Japan
 DAI HEN = 大阪変圧器株式会社 = Osaka Transformer Company



- 1st product was power transformers
- Began producing welding power sources in 1934
- DAIHEN, Inc. established as the American subsidiary in 1979
- Began producing welding robots in 1980
- 100+ years delivering innovation in welding and robotics and 40+ years supporting American manufacturing





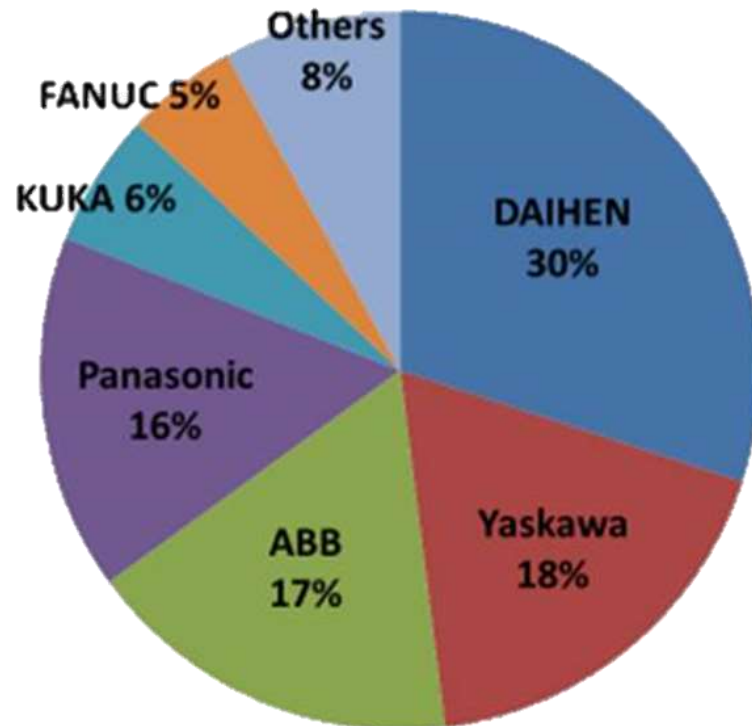
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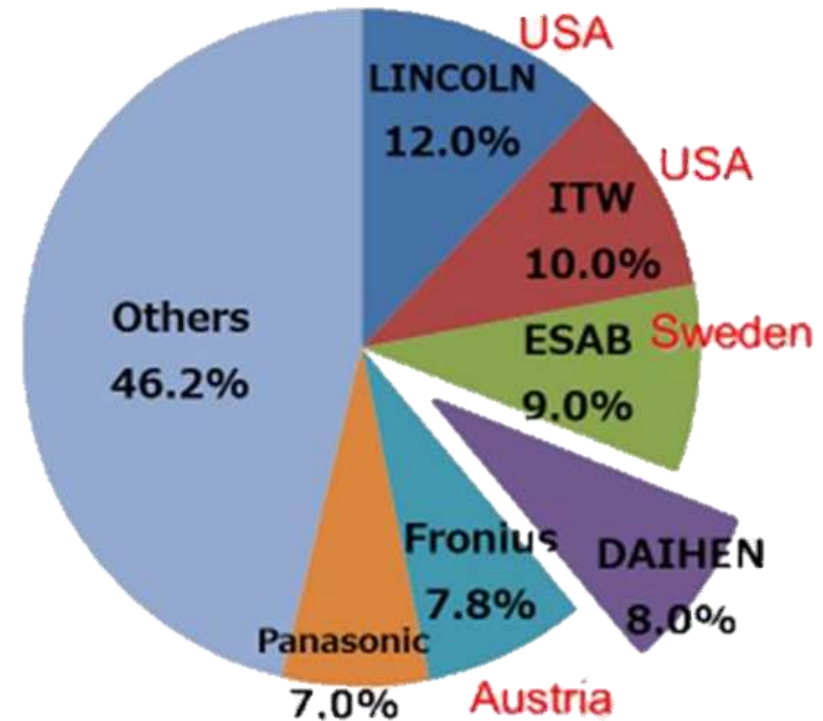


Global Market Share

#1 ARC WELDING ROBOTS



#4 ARC WELDING POWER SOURCES





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Dayton - HQ





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Detroit Tech Center





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Repeatable. Consistent Welds

**Welding's
Best
Electronic
Engine**



Mild steel, stainless steel,
aluminum, galvanized steel,
galvanneal, titanium & other exotic
metals

**Reading the puddle and
adjusting arc
characteristics 20 Million
times a second**



DAIHEN Welbee

20 Nanoseconds



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Standard Models with Advanced Features

We/bee P400

All around Pulse GMAW model available for welding of carbon steel, stainless steel, aluminum and a multitude of other alloys

We/bee M350

Standard model for high quality welding in any situation

We/bee M500

Heavy-Duty model for high quality welding from thick to thin materials

- Rated duty cycle: 100%

Advanced Ultra-Low Spatter Models

We/bee P500L

The ultimate high-end Pulse GMAW machine with ultra-low spatter modes achieving optimum performance on carbon steel, stainless steel, aluminum and a multitude of other alloys

We/bee M350L

Ultra-low spatter providing high productivity for carbon steel and stainless steel compared to our previous models

- Up to 80% reduction in spatter



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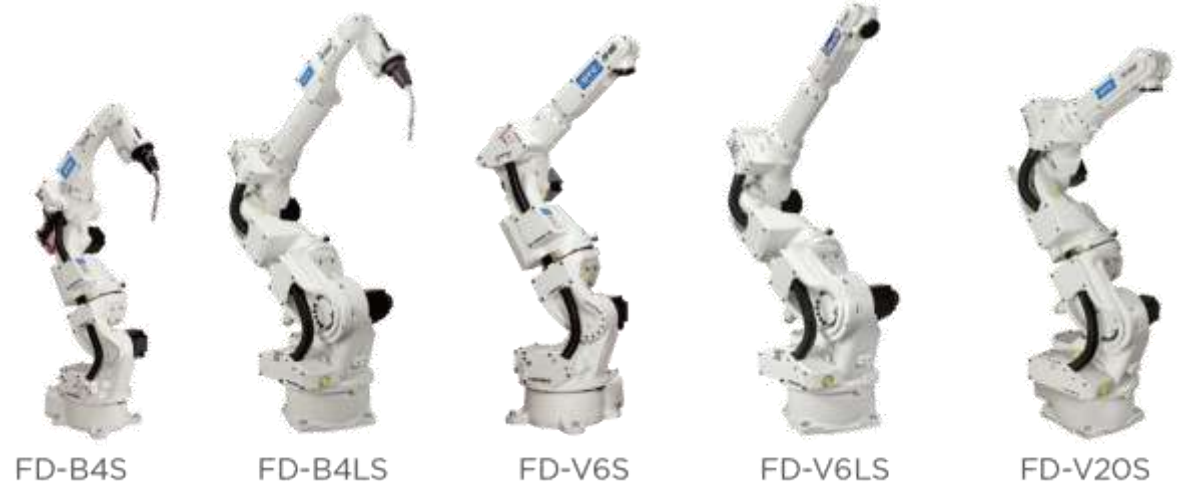
Clean. Simple solutions



6-axis Series



FD-Series Robots



7-axis Series



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Clean. Simple solutions



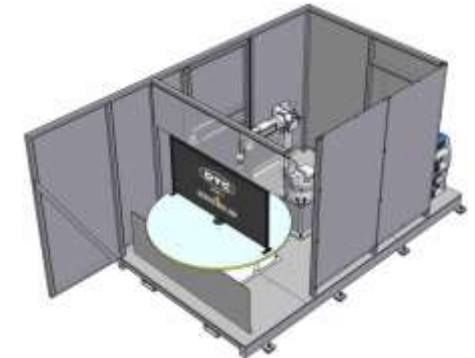
ED-ARC 100
Educational System



ECO-ARC Series
2 Stationary Tables
(4 models)



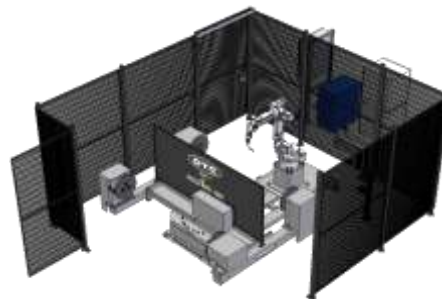
PT-ARC Series
Pneumatic Turn-Table
(2 Models)



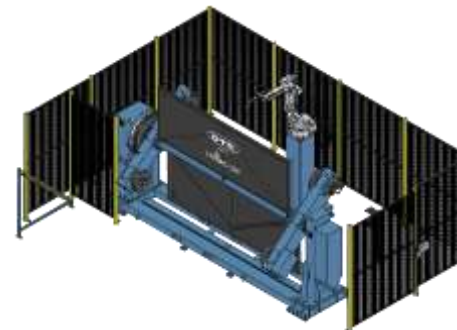
SERVO-ARC Series
Servo Turn-Table
(4 Models)



DT-ARC
Dual Head/Tail Stocks



ROTA-ARC
Pivoting Head/Tail Stocks



TRI-ARC
Ferris Wheel



LT-ARC
Slider Axis



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Today's Market

- More than 50% of US products require the work of welders—from medical devices and cell phones to aerospace and automobiles.
- 2 out of 3 welder jobs are in manufacturing.
- The Average Age of Welders in the US is around 60.
- The need for welders is one of the fastest growing professions in America.



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How Does This Affect Manual Welding?

- Nearly half of U.S. industries report difficulties locating skilled welders.
- Companies are forced to hire inexperienced welders.
- The need for high quality welding equipment is more important than ever!



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Benefits of Robotic Welding

- Welding ARC-ON time efficiencies can increase by upwards of 60-85% in most cases.
- Faster welding speeds.
- Reduce or eliminate scrap parts.
- Reduce weld wire and welding gas consumption.
- Minimize spatter.
- Consistent quality parts every time!



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Where's the Opportunities?



Grinding / Rework



Spatter



Poor Results





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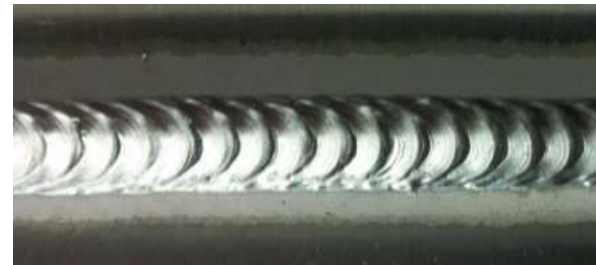


***We*!bee**

Pulse MIG With TIG-Like Results



Mild Steel



Aluminum



Austenitic Stainless



Ferritic Stainless

As-welded with no post-weld clean up



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Results!





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What's Next?

- Training at our Detroit Technical Center.
- Register Target Companies that can Create Solid Manual Welding and Robotic Opportunities.
 - (5) Manual Welding Leads
 - (5) Robotic Leads



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Continue the Momentum!





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Get Connected



OTC-DAIHEN-Inc.



OTCDaihen



OTC DAIHEN, Inc.



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www.DAIHEN-USA.com

- Weld Sample Request
- Product Information
- Weld Cost Analysis
- Training Schedules