

# ROBOT WELDING CONSUMABLES



 **AUTOLINE**

ROBOTICS • AUTOMATION • CONVEYORS

## About Us



## We Are The Robotic, Automation and Conveyor Experts

Autoline began over 30 years ago selling press feeder and bowl feeding solutions to the manufacturing industry. As we grew, we introduced New Zealand to aluminium T-slot extrusion and used the aluminium profile to build conveyors and automation systems.

We continued to expand and established ourselves as New Zealand's leading automation company 'Conveying Excellence' in what we designed and manufactured and our customer experience.

With progressive development approach to bringing the very best of automation to New Zealand industries, we branched out into robotics with the acquisition of Carbines Engineering, New Zealand's leading robotics integrator with over 35 years of experience in the industry.

Today we continue to lead as the Robotic, Automation and Conveyor Experts, bringing the latest technology and innovations in New Zealand.

## Robot Servicing

Our guarantee to expert service goes beyond delivering industry-leading robotic and automation solutions customised to your specific needs. After your automation equipment is installed, we will continue to provide dedicated support and ongoing service to ensure maximum robot performance and return on investment over the life of your asset. Autoline's in-house skilled robot technicians are trained service and application engineers with years of experience working with Yaskawa, OTC Daihen, and Doosan equipment.

The manufacturer (Yaskawa and OTC Daihen) recommendation is to service a robot every 2 years or 6000 servo hours. A typical service consists of full lubrication and replacement of all encoder back up batteries. Replacement of encoder back up batteries is essential to maintain correct encoder positions as these cannot be restored with a backup of data and if allowed to fully discharge, can involve extensive reprogramming of your robot and an urgent service call out.

Contact us today to book in your robot service.

## Robot Operator Training

We provide hands on robot operator training services for our customers, so they are technically trained and have the knowledge to carry out their job as a robot operator and therefore maximise your robot equipment performance.

Standard, modified, and customized training courses are available by our trained robot technicians and programmers to suit your robot/s and application. Practical hands-on training at Autoline or on-site training at your site can be scheduled to teach robot operators of all experience levels to increase knowledge, improve skills, and reinforce safety practices.

Contact us today to book in your robot operator training session.

*"I just want to say how impressed we are with Autoline's trainer and what he has done over the last few days. He really engaged the team well and has given them some great tips for operating the robot. He has a great knowledge of the controller and the way to program properly. It has provided a real benefit to our team."*

Jonathon, Engineer from Hawke's Bay, NZ.

# Robotic Welding By Autoline



Autoline specialises in Robotic Welding for the manufacturing industry. Manual welding is a process that is dull, dirty and has a high degree of repetitive motion injuries. But with the technology that is available today, most welding processes that are performed manually can be performed with robotic automation.

The investment of robotic welding helps manufacturers overcome the labour shortage, demands for increased production and provides consistent high-quality welds.

Autoline are the New Zealand agents for OTC Daihen, Yaskawa Motoman and Doosan Robotics.

## OTC Daihen Robot Welding

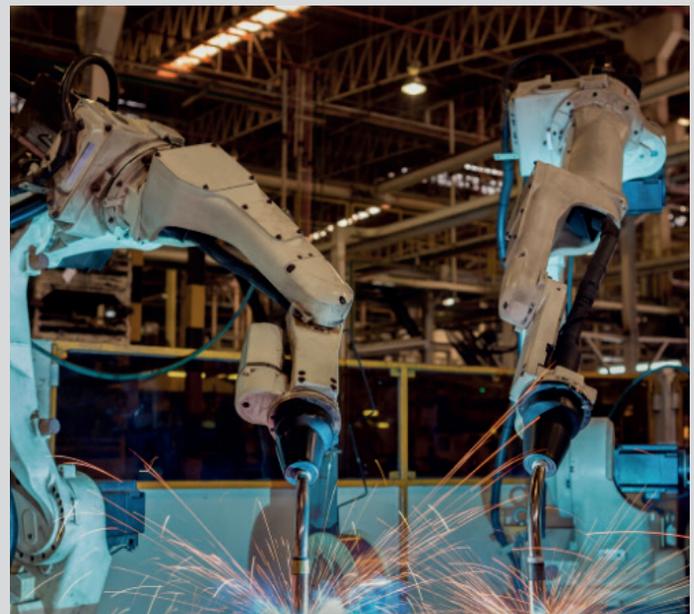


With a wide range of high-performance robots and products, OTC Daihen is a global leader in innovative welding and robotic solutions. Keeping

it all together with one seamless system OTC are the world leading innovators for Synchro-pulse, wave-pulse and digital power-source technologies.

The OTC Daihen lineup features the most advanced welding products, while their user-friendly features and interfaces enable both experienced and novice welders to achieve outstanding quality, consistency, and efficiency.

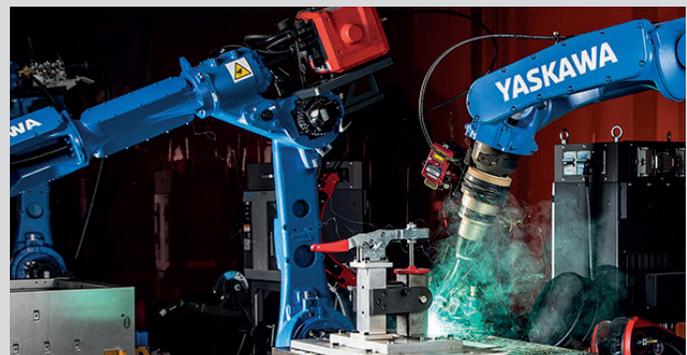
The OTC Daihen single-source approach is simple: they provide all the equipment needed for robotic arc welding - robot, welding power source, wire feeder, torch and positioners.



## Yaskawa Robot Welding

### YASKAWA

Yaskawa Motoman features has created robotic arc welding solutions that seamlessly integrate robots, welding equipment, servo-controlled positioners, work cell safeguarding and software. The result is turn-key and customised solutions that deliver unmatched speed, accuracy, reliability and versatility for customers spanning diverse industries.





## Swan Necks

Swan Neck,  
OTC RT3500H



Code: 7706105

Swan Neck, OTC Water  
Cooled, RTW5000H



Code: 7706115

Swan Neck,  
OTC Robot EX



Code: 7706100

Swan Neck,  
OTC Robot Standard



Code: 7706101

## Insulators

Insulator, Robot &  
Manual Welding,  
RT3500H



Code: 3806100

Insulator,  
Robot Welding,  
RT5000H



Code: 3806150

Insulator, Robot  
Welding Water Cooled,  
RTW5000H



Code: 3806010

Insulator, Nut  
RTW5000H



Code: 3806011

Insulator, Coupling  
RTW5000H



Code: 3806012

Insulator, Coupling Nut,  
RTW5000H



Code: 3806013

Insulator, Robot  
Welding, MTXC 350A



Code: 3806005

Insulator, Robot  
Welding, MTXC 500A



Code: 3806000

# Nozzles

Nozzle Robot Welding  
No.8



Code: 5106012

Nozzle, Manual  
Welding, No.10



Code: 5106101

Nozzle Robot Welding  
No.12, RT5000H



Code: 5106001

Nozzle, Robot Welding  
No.8, RTW5000H



Code: 5106011

Nozzle, Robot Welding  
No.12, RTW5000H



Code: 5106010



# Tips

Tip Body,  
RT3500H



Code: 8106110

Tip Body,  
RT5000H



Code: 8106120

Tip Body,  
MTXC



Code: 8106107

Tip, Nut  
M6



Code: 8006000

Tip, Robot Welding  
0.8mm



Code: 8006008

Tip, Robot Welding  
0.9mm



Code: 8006009

Tip, Robot Welding  
1.0mm



Code: 8006010

Tip, Robot Welding 1.2mm



Code: 8006012

# Tips

Tip, Robot Welding  
1.6mm



Code: 8006016

Tip, Robot Welding  
1.0, Aluminium



Code: 8006136

Tip, Robot Welding  
1.2, Aluminium



Code: 8006137

Tip, Robot Welding  
1.6mm, Aluminium



Code: 8006139

Teaching Tip  
54.8mm



Code: 6600200



# Parts

Ceramic Baffle,  
(Small) RT3500H



Code: 1156002

Ceramic Baffle,  
(Large) RT5000H



Code: 1156003

Ceramic Baffle, Water  
Cooled RTW5000H



Code: 1156001

O Ring HT  
(Small)



Code: 5402105

O Ring HT  
(Large)



Code: 5402110

Block, Fusible,  
OTC AX-V6



Code: 1332200

Block, Fusible,  
OTC AX11-6VL



Code: 1332203

Casting Axis 6,  
Upper AX-V6



Code: 1553300

# Parts

Casting Axis 6,  
Lower AX-V6



Code: 1553301

Bracket L Shape  
AX



Code: 1412640

Bracket L Shape  
FD



Code: 1412660

Pointer Datum  
47.5mm



Code: 6600120

# Liners

Liner, Blue 0.6mm-0.9mm  
(New Type) 4.5m



Code: 4206109

Liner, Black 1.0mm -  
1.2mm (New Type) 4.5m



Code: 4206201

Liner, 1.6mm  
(New Type) 4.5m



Code: 426212

Liner, Black 1.0mm -  
1.2mm (Old Type) 4.5m



Code: 4206112

Liner, Red 1.6mm  
(Old Type) 4.5m



Code: 4206111

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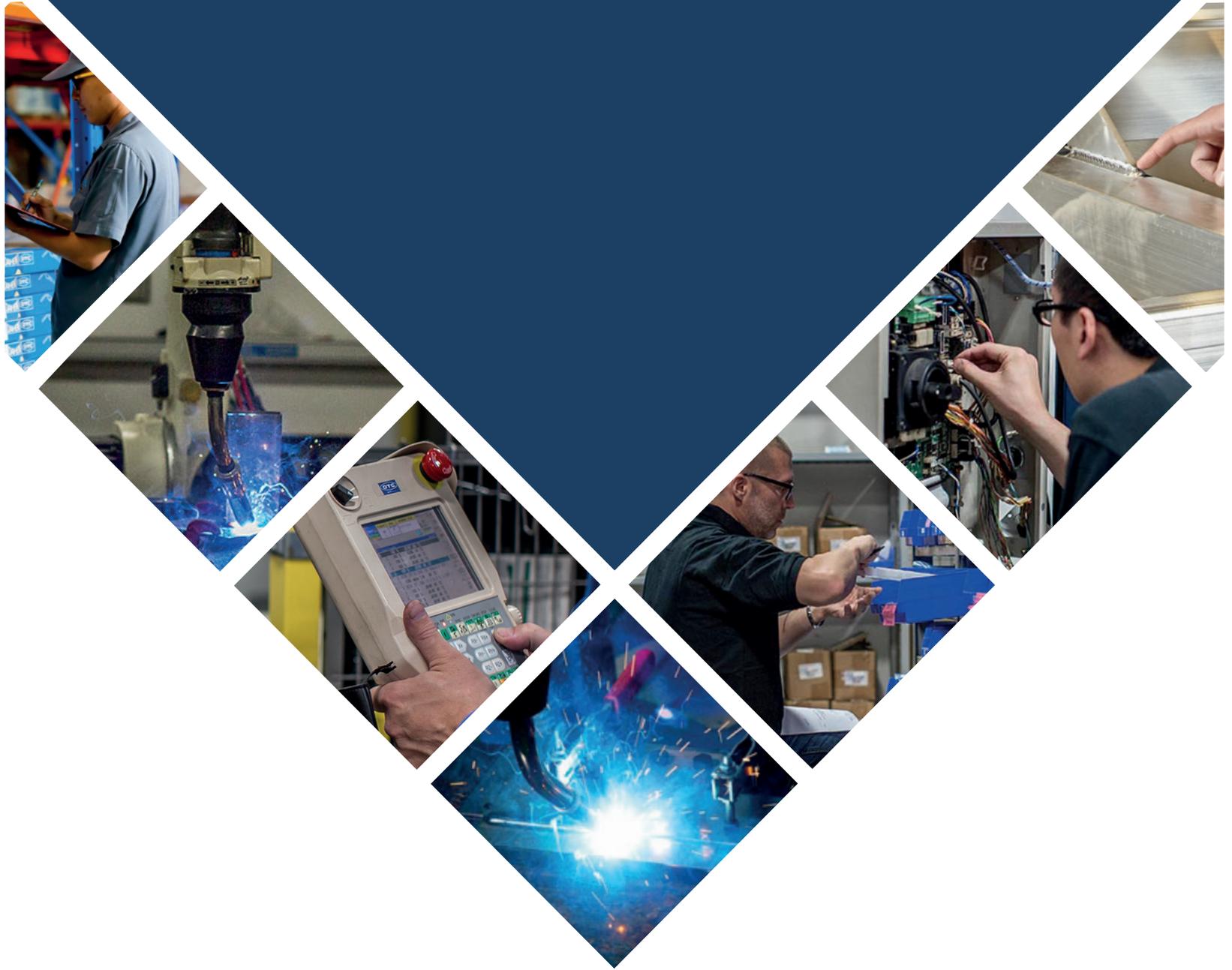
For more information on our wide range of products

Call 0800 37 55 66

or visit our website

[www.autoline.nz](http://www.autoline.nz)





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