

ROBOT WELDING CONSUMABLES



 **AUTOLINE**

ROBOTICS • AUTOMATION • CONVEYORS



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, manufactured and our customer experience.

With a 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 to New Zealand.

Robot Servicing and Maintenance

Our guarantee of 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's (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 backup batteries. Replacement of encoder backup batteries is essential to maintain correct encoder positions as these cannot be restored with a backup of data and if allowed to fully discharge, it can involve extensive reprogramming of your robot and an urgent service call out.

Contact us today to book your robot service or ask about our service contracts.

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 customised training courses are available by our trained robot technicians and programmers to suit your robot/s and application.

Autoline robot technicians are active service and application engineers with extensive knowledge of our products including plentiful experience working with Yaskawa, OTC Daihen, and Doosan equipment.

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.

Robot 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 line-up 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 has a wide selection of robots purpose-built for welding and equipment that reduce weld distortion, shorter the cycle and programming time, increase efficiency and provide a very flexible welding system.

The Yaskawa welding robot models are designed for maximum welding efficiency, with fast travel speeds, and wide range of motion, boosting your welding cycle times.

Yaskawa Motoman's built-in robot controller software has unique welding-specification functions to fine-tune your path and coordinate motion with external axes and multiple robots. Combine that with Yaskawa's Universal Weldcom interface which allows you to integrate with your preferred welding power source, and your entire robotic welding process is supported with software and peripherals that give you more automation control.



Doosan Collaborative Robot Welding

DOOSAN

Automate repetitive welding tasks with the Autoline Cobot welder, a safe and easy to program collaborative robot platform. A collaborative robot welder is a low-cost and effective way to get started with welding automation. It is a flexible automation solution that allows manufacturers to increase their capability quickly and easily.

Our Cobot Welder is a configuration of reliable and proven technology with a Doosan Collaborative Robot and OTC Daihen Welding Hardware. This innovation is a combination of world-leading cobot, and welding technology manufacturers bought together by Autoline.



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



Pack of 10

Code: 8006008

Tip, Robot Welding,
0.9mm



Pack of 10

Code: 8006009

Tip, Robot Welding,
1.0mm



Pack of 10

Code: 8006010

Tip, Robot Welding,
1.2mm



Pack of 10

Code: 8006012

Tips

Tip, Robot Welding,
1.6mm



Pack of 10

Code: 8006016

Tip, Robot Welding,
1.0, Aluminium



Pack of 10

Code: 8006136

Tip, Robot Welding,
1.2, Aluminium



Pack of 10

Code: 8006137

Tip, Robot Welding,
1.6mm, Aluminium



Pack of 10

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

Parts

Liners

Battery, Lithium,
ERV6, 3.6V



Code: 1202173

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: 4206212

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





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