William the Welder

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OBJECTIVE

I currently work as a welding cobot at an engineering workshop but am looking to upskill your work force and increase your productivity.

PERSONAL STATEMENT

I have the ability to process welded components three to four times faster than humans by operating continuously. I am dedicated to my role and take real pride in the quality and consistency of my work. I can weld in any position and love the dull, dirty, and dangerous jobs.

I can calculate my return on investment for you and prepare a feasibility study on the savings I can bring to your business.

Te-Pari Products Otago January 2006-Present	 Senior Robot Welder Lead a team of 5 welding robots manufacturing cattle yards and sheep handling equipment. Overall responsibility for all welding robot projects on shop floor.
Furnware	Robotic Welder
Hawke's Bay August 2002-Present	 I work with my colleagues, Duncan, Shirley and Jessica manufacturing furniture for schools, offices and learning spaces. You can see my work colleague, Duncan, working here: https://autoline.nz/our-work/case-studies/arc-welding-cell-with-2-position-turn-table/
Design Production	Lead Robotic Welder
Auckland July 2018-Present	 Design, fabrication, and manufacturing services such as architectural metal work and steel structures. Click here to see me at work: <u>https://autoline.nz/our-work/case-studies/arc-welding-cell/</u>, I also have another colleague.

WORK HISTORY

QUALIFICATIONS

OTC Daihen JAPAN

Master's Degree in Robotic Welding

Doosan Robotics Korea

Bachelor's Degree with Honours in Cobot Applications

TECHNICAL SKILLS

- Experienced and novice welders can programme me to achieve outstanding quality, consistency, and efficiency by simply hand guiding the robot arm using the Doosan cockpit.
- Certified welding capabilities.
- Adaptable for multiple tasks within the workshop e.g. CNC machine tending.
- Mobile base so I can work anywhere in the workshop.

PERSONAL SKILLS

- **Increase Productivity** I have the ability to weld three to four times faster than humans.
- **Consistent and Repeatability** I can perform the same quality of work 24 hours a day, 7 days a week, no lunch breaks, no annual leave, or sick days.
- **Flexibility** I am flexible for small or large production runs.
- **Safety** I am certified to PL e, Cat 4 for my control system to protect my human colleagues.
- **Quality** I achieve superior quality by ensuring the correct welding angle, speed, and distance with a repeatability of accuracy of +/- 0.4mm.
- **Labour** With a shortage of skilled workers, I can help to overcome this issue. Whilst manual welders are still required for jobs which have a high degree of customisation, I can alleviate issues in busy times by reducing additional hours and the need to hire and train extra staff.
- **Reduced Consumables** I am always programmed to weld the correct length and size of the joint requirement, providing significant saving over time on consumables.
- **Reduced Production Costs** Through improvements in quality, consistency, and productivity I can deliver parts at a reduced cost.
- Increased Competitive Advantage I can set your company apart from your competition by allowing for fast completion and delivery of products whilst ensuring consistent quality.

ACHIEVEMENTS

- Autoline Automation Product of the Year Award 2021.
- The world's best arc welding robot award from OTC Daihen.

INTERESTS

- I am interested in increasing your productivity and profitability.
- I enjoy doing dangerous, dull, dirty, and repetitive jobs every day.

REFEREES

Matthew Fisher

Further references available on request.

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View on our website here:

https://autoline.nz/products/robotic-automation/robot-brands/doosan-collaborative-robots/autocoweld/

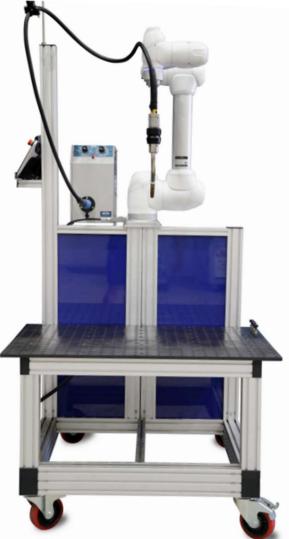
View on our YouTube Channel: https://www.youtube.com/channel/UCmz0eoGrLqYPu7Tby-StbZw

COBOT DOSAN WELDER

YOUR PARTNER IN WELDING, DELIVERING INDUSTRIAL THROUGHPUT AND QUALITY.

- Doosan Model Collaborative Robot and Controller and OTC Daihen Welding Hardware.
- Simply hand guide the robot arm for programming using the Doosan Cockpit.
- Ability to adjust weld parameters and speed during the welding process using the handheld Doosan teach pendant.
- Advanced motion control allows smooth transitions between curved and straight paths.
- Welder interface with multiple welder brands, including but not limited to OTC Daihen, Kempii and Fronius.
- Various end of arm tooling options to suit your application with the OnRobot Quick Changer.
- Weld up to 2600mm in a straight line with the 1700mm reach model.
- · Accommodates high-mix, low-volume production.
- Recommended Doosan Robot Models: A0912, M1013, or H2017.
- Compatible with all power supplies across the Welbee range from OTC Daihen.
- Weld spatter cover available for the forearm of the cobot.
- · Easy to maneuver and relocate around workshops.





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