COBOT +

Welding Systems



- *Boost Productivity Despite Labour Shortages*
- *Improve Weld Consistency*
- *Speed Up Small Batch Production*
- *Mobile System Suitable for Small and Large Fabrications*
- *Easy to Use Interface*
- *Easy to Learn*
- *Rapid Return on Investment*
- *Advanced Collision Technology Allows the Cobot to Work Safely Outside a Protective Cage*
- *Turnkey Packages in 240V Single Phase or 400V Three Phase*

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WELDING THE FUTURE

Ease of Use

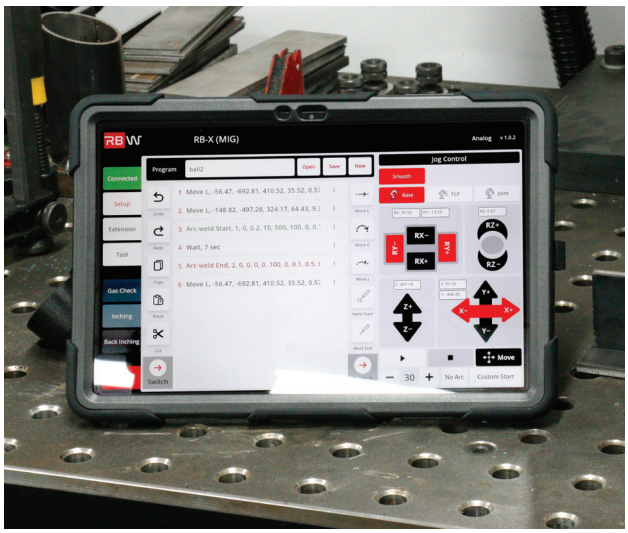
Easy as 1-2-3, program the Cobot by moving the arm to the required start and stop positions and store the points simply by pressing buttons on the torch arm.

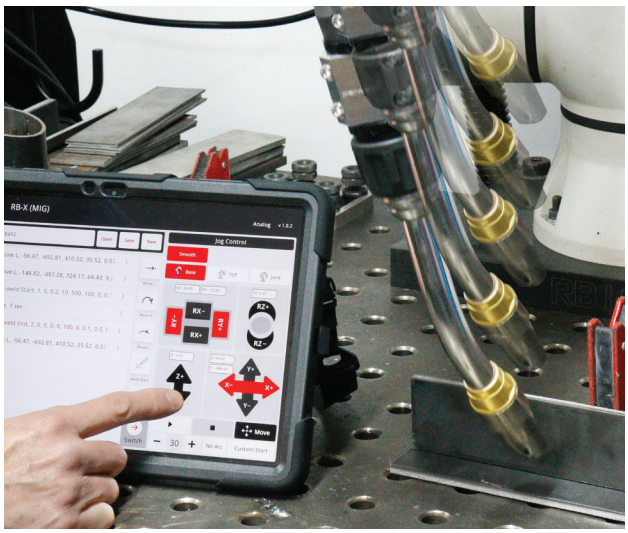






Intuitive user interface. On arm teach buttons for rapid program writing, with precision adjustment using the hand-held tablet.

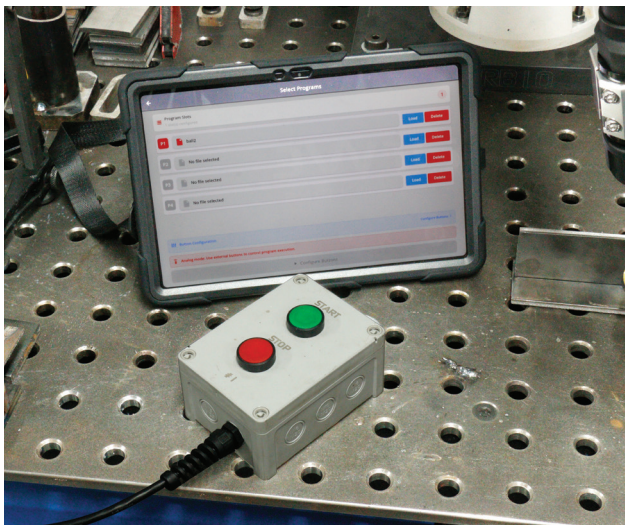




Store Jobs for Later Use

Set jobs up for repeat manufacture, with Start/ Stop pendants for small batch manufacture.

Program Scheduler enables mixed job batch manufacture using Start/Stop pendants to start each weld cycle. Up to four different jobs can be scheduled.

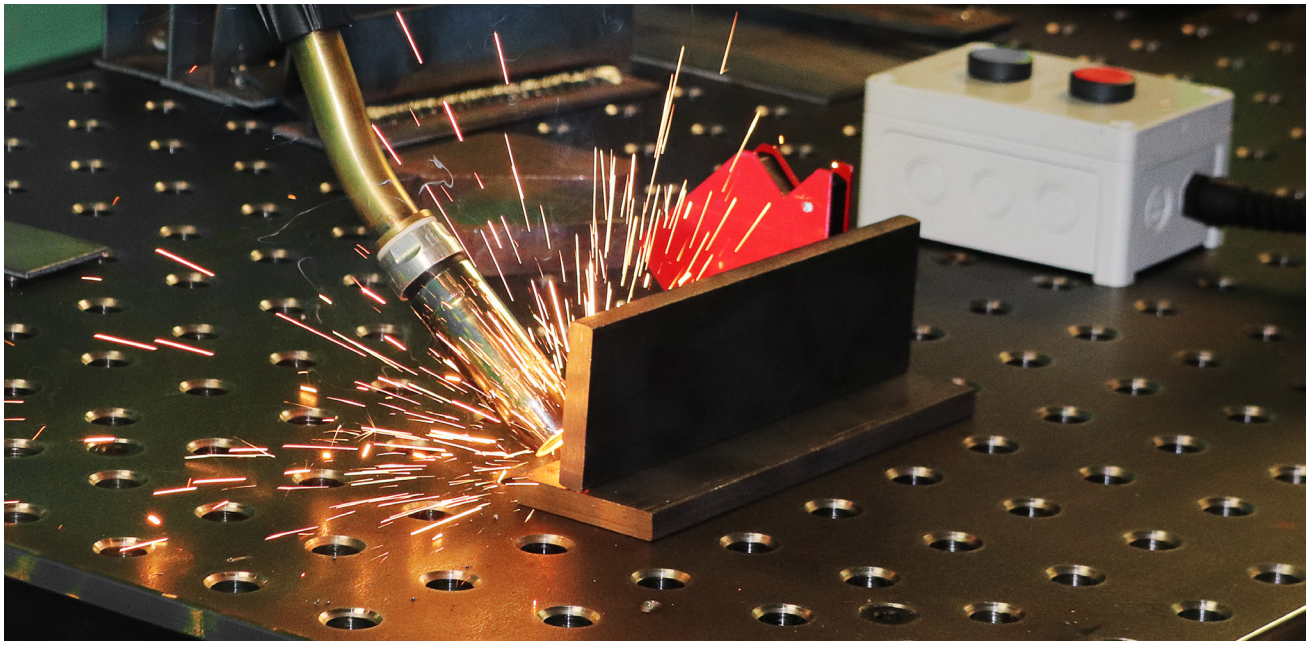


Program scheduler in use

Improved Quality

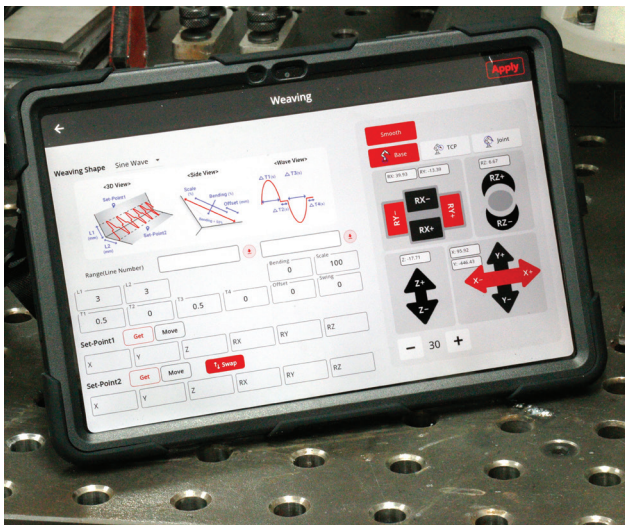
By integrating the precision of a Cobot and the advanced welding performance of the APT+ pulse MIG machine you can increase quality and output levels whilst reducing labour cost, freeing your skilled welders to perform other tasks. Return on investment is typically 6-18 months.

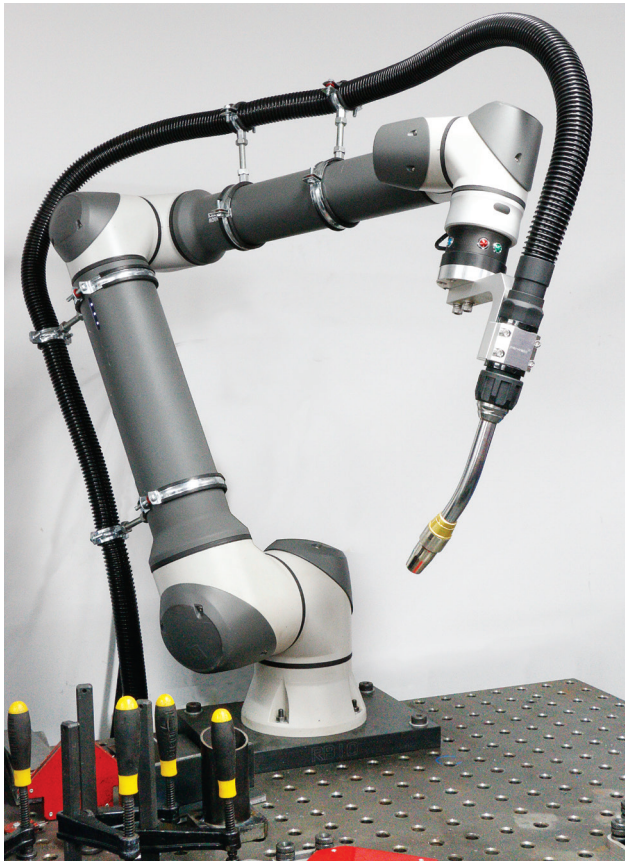
Our system is not just about welding small parts, the mobile table means you can take the Cobot to the job to perform welding on larger fabrications.



Weave Control

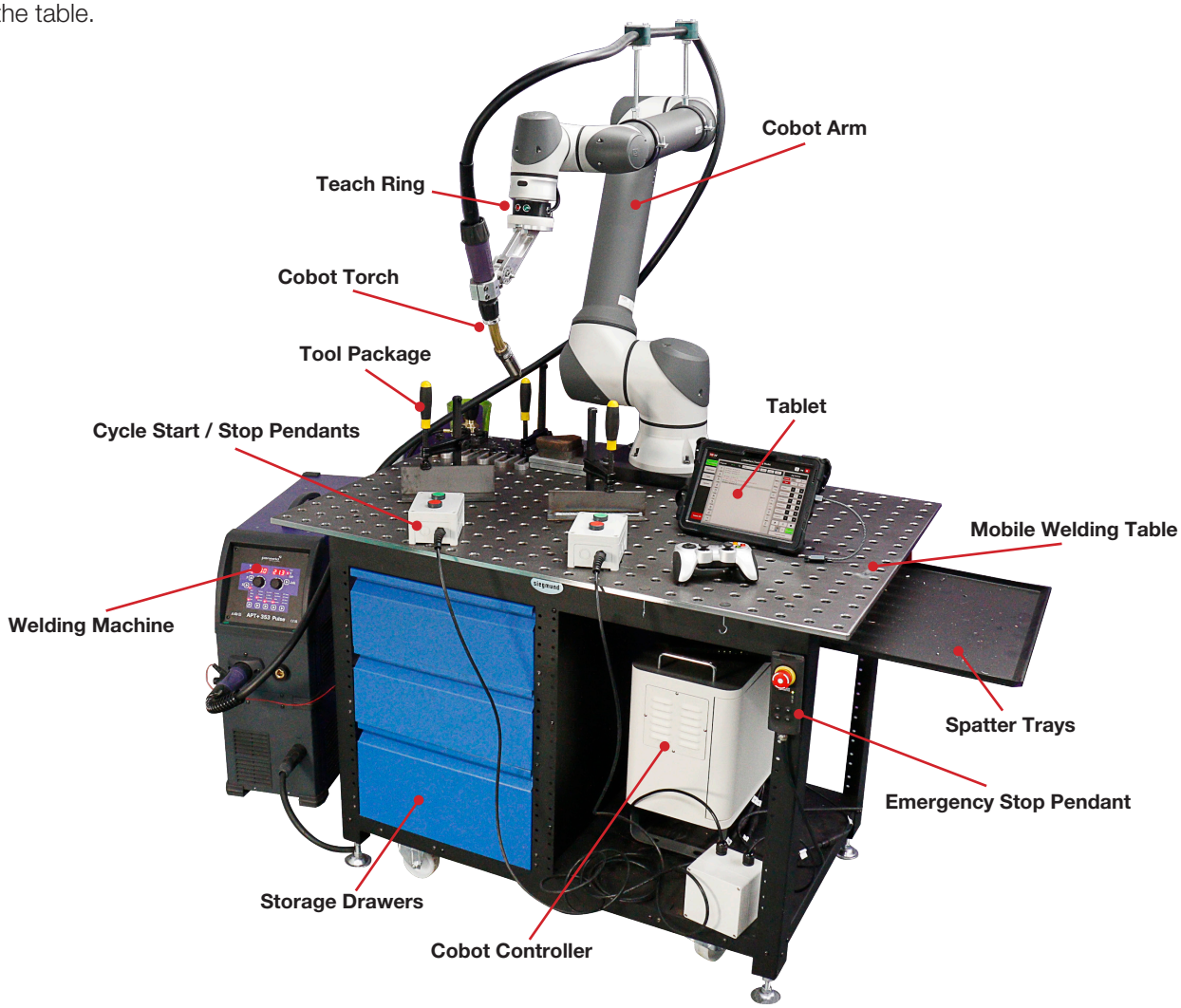
Using the weave function on larger fillet welds ensures the weld seam is always spot on as the APT+ welding machine monitors the Arc Voltage to ensure the weld bead stays on track.





Ready to Weld Standard Packages with Full Factory Support

Our standard packages are designed to meet the needs of most fabricators, we can customise the package if you have any special requirements. We use a high quality welding table with a nitrated surface which resist spatter adhesion and extends its lifetime. Spatter trays are mounted underneath to collect and spatter that falls through the table.



TECHNICAL SPECIFICATIONS

	System 1	System 2
Cobot	RB3-1200	RB3-1200
Arm Payload	3kg	3kg
Arm Reach	1200mm	1200mm
Repetition Accuracy	Yes	Yes
Number of Axes	6	6
Welding Table Size	1200x800mm	1200x800mm
Clamp Pack	Flat or Tube	Flat or Tube
MIG Power Source	APT+220C	APT+353C
Welding Torch	XP8-CB350-30E Air Cooled	XP8-CB350-30E Air Cooled
System Weight	700 kg	715 kg
Controls	Tablet + Hand Controller	Tablet + Hand Controller
System Voltage	230V 1 Phase	400V 3P+N

Turnkey Packages in 240V Single Phase or 400V 3 Phase

All packages Include Installation
3 Days On-site Training
Two Six Monthly Services in First Year
Telephone/Video Support
2 Year Warranty

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