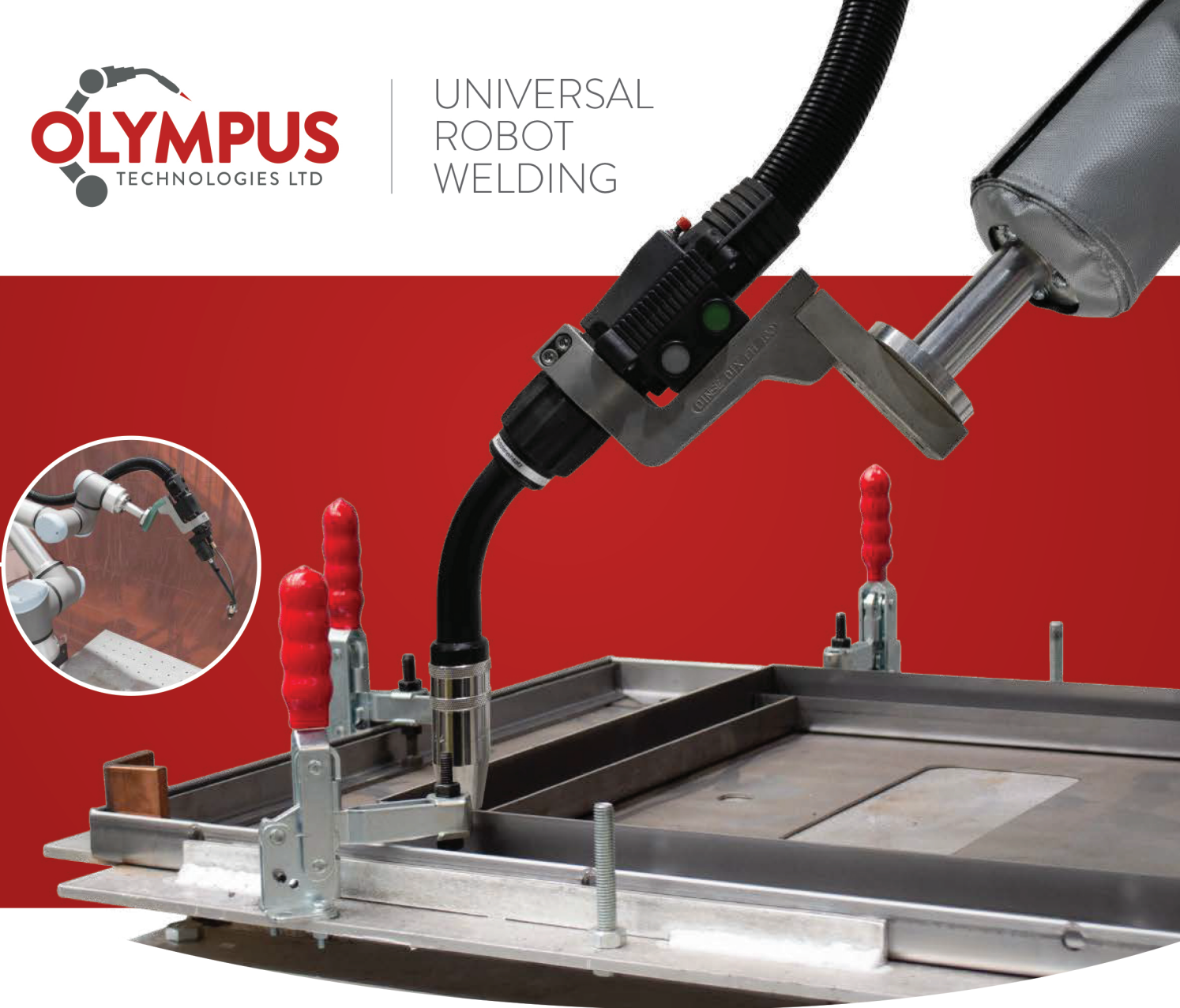




UNIVERSAL
ROBOT
WELDING



AUTOMATE YOUR REPETITIVE MIG & TIG WELDING PROCESSES
WITH OLYMPUS' EASY TO OPERATE UR WELDING SYSTEM



Touch sensing, multipass
and quick copy features



Weaving and torch
button programming



Coordinated external
axis control



Remote support



Typically 4x
productivity



Consistent quality



Solves welder
recruitment issues



Choice of
power source

YOUR AUTOMATED WELDING PACKAGE INTRODUCES EFFICIENCY AND ACCURACY

THE GAS OR WATER COOLED MIG & TIG WELDING PACKAGES INCLUDE:

OLYMPUS WELDING SOFTWARE

Passes full control of the power source to the robot teach pendant

- Coordinated external axis control
- Torch button programming
- Quick copy feature
- Touch sense
- Weaving
- Multipass
- Stitch
- Tack

REMOTE SUPPORT

Remote Support provides secure VPN access for Olympus to view teach pendant and support files remotely (optional extra)

PROCESS CONTROL BOX

Process release button, simulate switch, monitoring lights and E-stop

ROBOT STAND

Purpose designed and manufactured (mobile trolley - optional extra)

HOSE PACKAGE MANAGEMENT SYSTEM

Supports the hose package to provide smooth wire feeding

UNIVERSAL ROBOT

> UR8 Long (1750mm reach from base without torch) or
> UR12e (1300mm reach from base without torch)

UR ARM PROTECTIVE WELDING COVER

Specialist high temperature material (optional extra)

ROBOTIC POWER SOURCE

(TIG 300A & MIG 400A - upgrades available)

DINSE ROBOT TORCH (100% DUTY CYCLE)

With programming buttons & starter pack of consumables

INCLUDES

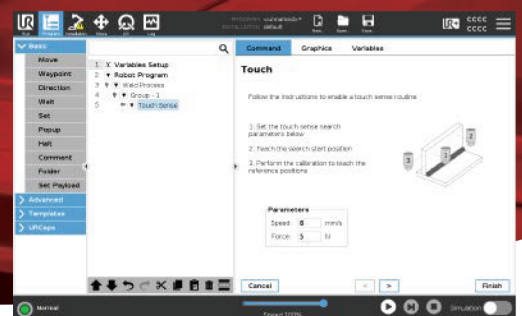
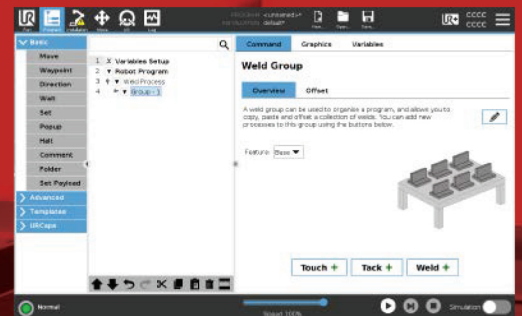
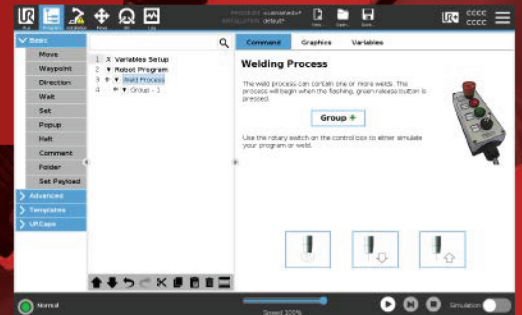
- + DELIVERY
- + INSTALLATION AND COMMISSIONING
- + 2 DAYS UR WELDING TRAINING



Optional Extras: Welding Table, Turntable, Mobile Trolley,
Linear Track and Head & Tailstock



PROGRAMMING MADE EASY WITH TOUCH SCREEN MENUS



THE OLYMPUS WELDING SOFTWARE UR CAP PROVIDES COMPREHENSIVE CONTROL OF THE POWER SOURCE VIA THE ROBOT TEACH PENDANT

Create welding programs and **tack** parts with reduced complexity using the **programming buttons** on the welding torch.

Use **weaving** to successfully weld larger gaps, variable width gaps and metals of different thicknesses.

Teach the robot to compensate for slight differences in part position using **touch sense** capabilities.

Vastly reduce programming time for batches of identical parts. Program only one part and then use the **quick copy feature** to program the rest of the batch.

Quickly program larger welds on thicker materials with the **multipass** function. Suitable for V-Prep welds or welds requiring multiple runs.

Weld larger and more complex parts thanks to **coordinated external axis control**. Move the robot and external axis simultaneously for optimal weld efficiency.

Now available with **remote support** add on, allowing Olympus to remotely view teach pendant & support files through a secure VPN and provide faster, more efficient support.

The Olympus Welding Software can take complete control of the power source by choosing specific parameters or jobs (power source dependent). Welding parameters can be changed mid-weld.

The process control box provides a switch to allow live simulation of welds on a product. Placed outside the cell when in production, it provides safe visibility of whether the robot is moving and/or welding.

CONTACT US

Melbourne Works
8 Firth Street Huddersfield HD1 3BA

01484 514513

info@olympustechnologies.co.uk

www.olympustechnologies.co.uk



Watch our videos on YouTube

