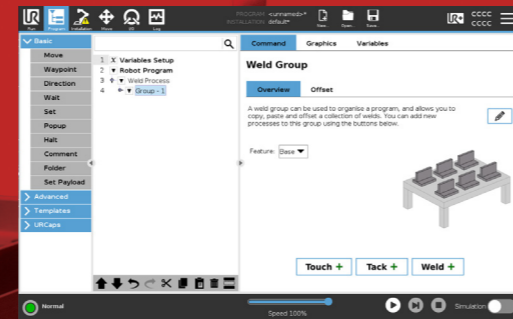
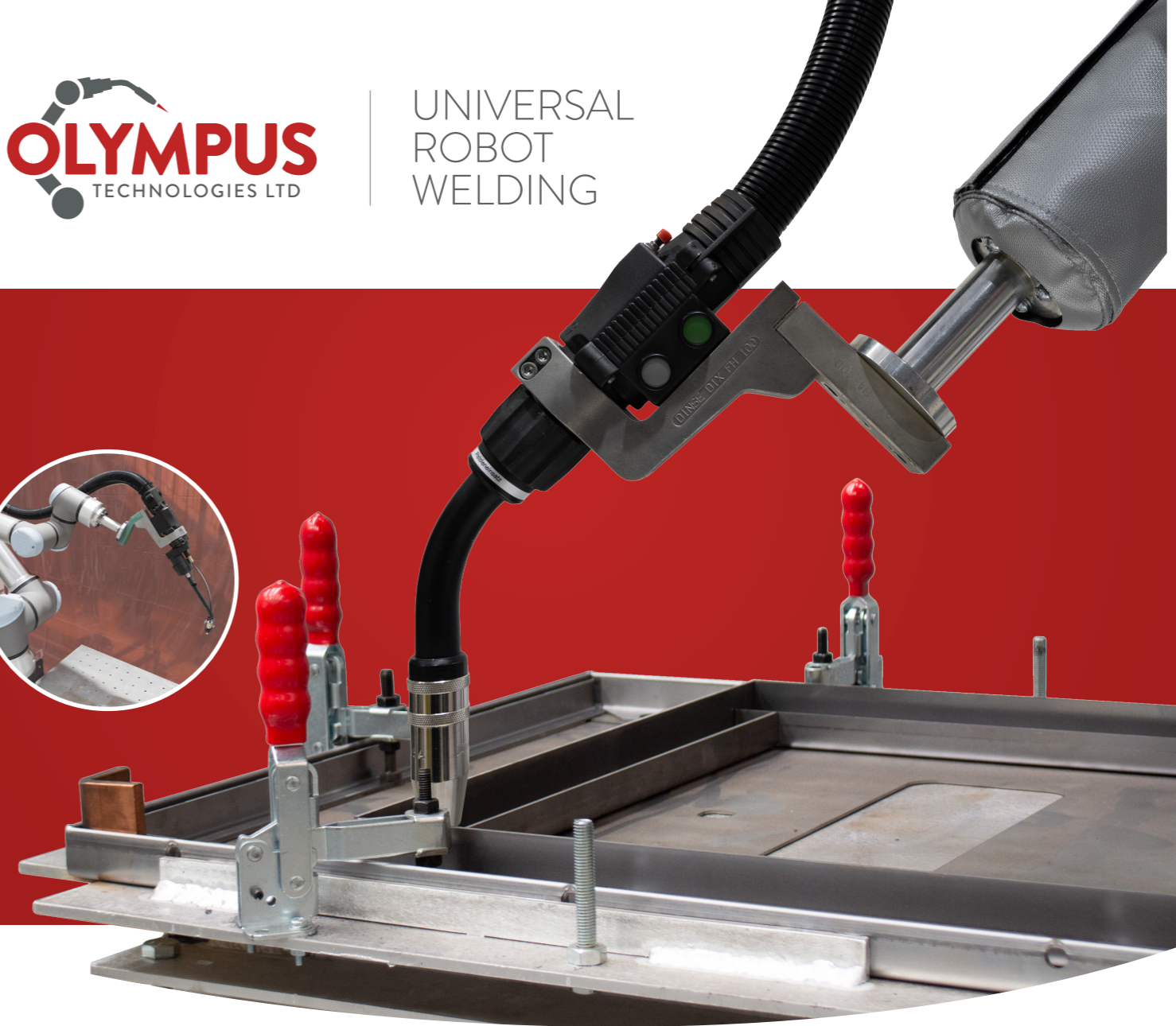


PROGRAMMING MADE EASY WITH TOUCH SCREEN MENUS



UNIVERSAL
ROBOT
WELDING



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

Create welding programs with reduced complexity using the **programming buttons** on the welding torch, seamlessly and intuitively integrated across our software.

Boost the flexibility of welds with powerful **weaving** capabilities, allowing a great increase in the flexibility and range of welding processes the robot can perform. The weaving software proves invaluable in enabling the successful welding of larger and variable width gaps, as well as enabling you to weld metals of different thicknesses, by focusing more of the weld bead on the thicker material, and avoiding burn through.

Quickly generate **stitch welds** by using the built-in options to apply a stitch on top of any configured weld path. Any weld path can be stitched with configurable parameters, adding flexibility where required.

Tack programs can easily be generated. Simply configure the tack time and weld parameters, then set the position with intuitive torch programming buttons. Creating tacking programs could not be faster!

Correct part positioning with **touch sense** integration. After creating a quick touch sense routine with the step-by-step wizard,

the robot's weld path location will be adjusted to the newly calculated location.

Program duplicate welds with ease thanks to the **quick copy feature**. Copy and paste welds using an intuitive teaching wizard, greatly speeding up programming of batches and reducing payback time.

The creation of multi-layered welds is enabled using the included **multipass** functionality, allowing you to quickly program larger welds on thicker materials.

The robot can take complete control of the power source, specifying specific parameters or jobs depending on the available functionality. Being power source agnostic allows for choice and flexibility with options to meet your needs. 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 safely provides visibility of whether the robot is moving and/or welding.

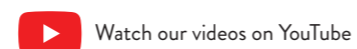
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AUTOMATE YOUR REPETITIVE WELDING PROCESSES WITH OLYMPUS' EASY TO OPERATE UR WELDING SYSTEM



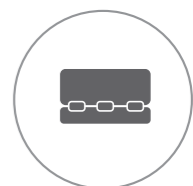
MIG & TIG available



Touch sensing, multipass and quick copy features



Weaving and torch button programming



Stitch and tack functionality



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:

ROBOTIC POWER SOURCE
(300A – upgrades available)

DINSE ROBOT TORCH (100% DUTY CYCLE)
with programming buttons & starter pack of consumables

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

UNIVERSAL ROBOT
> UR10 (1300mm reach from base without torch) or
> UR20 (1750mm reach from base without torch)

TOOL BALANCE
Supports the hose package to provide smooth wire feeding

UR ARM PROTECTIVE WELDING COVER
Specialist high temperature material

ROBOT STAND
Purpose designed and manufactured

OLYMPUS WELDING SOFTWARE
Passes full control of the power source to the robot teach pendant

- Torch button programming
- Quick copy feature
- Touch sense
- Weaving
- Multipass
- Stitch
- Tack

INCLUDES

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

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

