THG AUTOMATION™

AC/DC Push TIG

URW-2TA

Industrial Cobot System with Advanced Welding Functionality. Complete system with table and clamp kit.

Wizard-Like
System interface creates welding programs easily.

Teach Button
Teach waypoints from the welding torch adapter to make setting up programs quicker.

Welding Simulation
Turn the welding process on or off at any point during program execution.

AVC
Set arc length based on voltage for automatic height adjustments.

Multipass: Path Record weld seams to easily replay for multipass welding.

Wire Feeding Options: Spool holder or bulk barrel.

Copy And Pattern Welding: Move, copy, or pattern welds.

Stitch Weld: Set two points, weld length, and the number of welds for a series of stitch welds.

Starter Kit: Includes weld tips & liners.

FREE Software Upgrades.

Small Footprint: Approximately 4' X 4'.

Weld Table Area: 3' X 4' and supports optional clamping system.

Modular System: The system easily grows with your needs by purchasing additional features as you need them.

Weaving: Set weave pitch, length, angle, dwell left & right.

Pendant Armor: Screen & teach pendant protector.

Robot Protector: Arm spatter guard system.

FREE Phone Support.

Three year limited warranty on system.

Fronius-specific tool kit.

THG Automation has created the URW-2TA AC/DC Push TIG COBOT welding solution for autogenous or wire feed applications. This system is excellent for autogenous welding and has cold wire feed for steel and stainless steel.

Using the Universal Robots UR10e collaborative robot and the Fronius MagicWave 3000 MV power source with water-cooled TIG push wire feed system, you can weld carbon, steel, and stainless steel metals.

Simple to Teach, Elevated Function, Easy to Weld.

Special Features:

Safe Speed And Force Pressure: Safety limits for a safe, robot-to-operator collaborative environment.

Free Drive: For direct manipulation of the welding torch and easy positioning.

AC/DC Push TIG

THG has created a full line of modular systems tailor-made for every customers' production needs. The AC/DC Push TIG system brings all of Fronius' capabilities to your fingertips for Agile Production at its best.

Specifications

Input	208 - 480 three-phase power
Wire Dimensions	up to 1/16 in
Wire Feeder Wire	push wire feed with 4 roll wire feeder
Speed Feed	1 - 10 m/min 5 - 394 in/min
Wire Capacity	44lb spool or drum
System Dimensions L x W x H	48in x 36in x 60in
System Reach	UR10e - 51in UR20 - 68.9in

The robots run from 120 volts to 240 volts.

Fronius features:
- 300 amp AC/DC power source
- Water-cooled torch
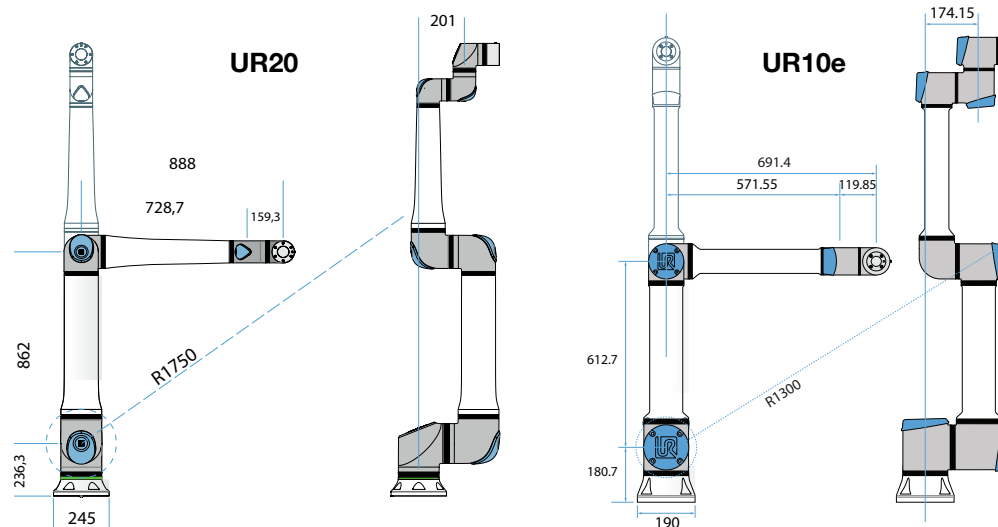- TIG Push wire feed system

Fixture kit per table:
8 X Professional Screw Clamp (Nitrided) 24 X Short Fast Clamping Bolt (Burnished) 16 X 5" Universal Stop (Nitrided) 8 X Stop and Clamping Square (12" Tall) (Nitrided) Table Maintenance Set

- World-class welding processes for perfect welds
- Welds carbon steel, stainless steel, aluminum, and other metals

UR20

UR10e

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UNIVERSAL ROBOTS   Fronius   siegmund