



Water-Cooled Push System

URW - 2W

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



The THG Automation Water-Cooled Push System is a versatile welding solution ideal for carbon steel, stainless steel, and aluminum. Its water-cooled torch and upgraded 500 amp power source enable efficient welding of thicker materials and extended duty cycles. This system is perfect for high-mix manufacturing environments, where it can quickly augment and increase your welding production. Its compact design makes it ideal for space-constrained manufacturing operations, artists, tool rooms, R&D teams, and mobile applications.

Simple to Teach, Elevated Function, Easy to Weld.



Wizard-Like

System interface creates welding programs easily.



Teach Mode

Prevent bent wire when teaching and testing program points.



Welding Simulation

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



Teach Button

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



Seam Tracking

Follow the welding seam as you are welding to handle part variation on the fly.



Easy Transfer

Copy and paste weld parameters from one Fronius power source to another.

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

Touch Sensing: Find part variations to adjust weld points in multiple dimensions.

1000 Weld Jobs: Large welding job storage.

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 contact tips & tools.

Lockable Power Source: Restrict who can edit weld parameters with an included RFID card.

FREE Software Upgrades.

Small Footprint: Approximately 4' X 4'.

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

Three Year Warranty on full 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.

Part Check: Check for part or feature presence.

Job Editor: Access all of your weld job parameters via a web browser to do bulk edits and speed up weld development.

Pendant Armor: Screen & teach pendant protector.

Robot Protector: Arm spatter guard system.

Siegmund Weld Table & Fixture Kit: Comes with each table.

Wire Feeding: Feed wire from a barrel or from the optional spool holder.

Fronius-Specific tool kit.

FREE Phone Support.

Water-Cooled Push System

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



Specifications

Input	208 - 480 three-phase power
Wire Dimensions	.03" to .082"
Wire Capacity	44lb spool or drum
Table Dimensions L x W x H	48in x 36in x 36in
System Reach	UR10e - 51in UR20 - 68.9in

The robots run from 120 volts to 240 volts.

Fronius features:

- 500 amp power source
- Water-cooled torch and cooler

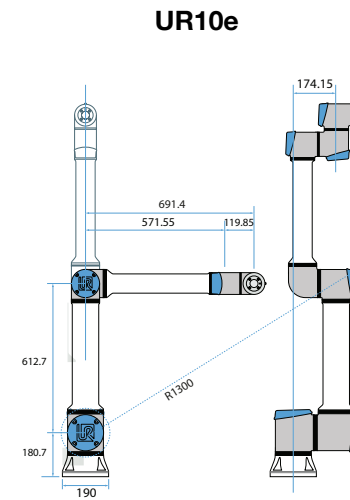
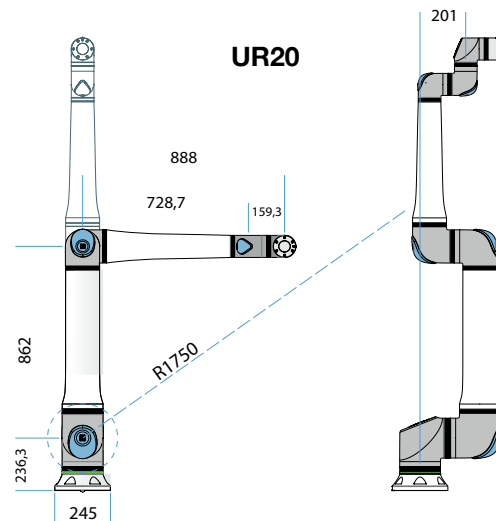
Fixture kit per table:

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
- Welding process, Standard MIG, Pulse MIG, PMG
- Welds carbon steel, stainless steel, aluminum, and other metals



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UNIVERSAL ROBOTS

