



## Single-Phase System

### URW - 2B

Industrial Cobot System for shop jobs and quick production welding projects. Complete system with table and clamp kit.



THG Automation has created the URW-2B, single-phase or three-phase compatible industrial COBOT welding solution for operations with limited access to industrial power or needing a simplified robotic welding solution. This solution is great for power- & space-limited manufacturing operations, artists, tool rooms, R&D teams, and mobile applications.

Using the Fronius TranSteel 2700c power source, you can weld steel and stainless steel with most wire types. The unit runs on a wide range of single-phase or three-phase services: Up to 230 and 240 volts single-phase and 200 to 480 volts three-phase.

**Simple to Teach, Elevated Function, Easy to Weld.**



#### 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.

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

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

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

**Starter Kit:** Includes contact tips and tools.

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

**FREE** software updates.

**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.

**Three year limited warranty** on system.

### Add-On Options:

**Dual Table Kit:** Increased work area, double the Siegmund tools, and two station operation.

**Up to six rotational or linear positioners.**

**Universal Robot UR20 for longer reach.**

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



## Specifications

Input	208 single-phase power, 480 three-phase power
Wire Dimensions	up to 1/16 in
Wire Capacity	44lb spool or drum
Table Dimensions L x W x H	48in x 48in x 36in
System Reach	UR10e - 51in UR20 - 68.9in

The robots run from 120 volts to 240 volts.

### Fronius features:

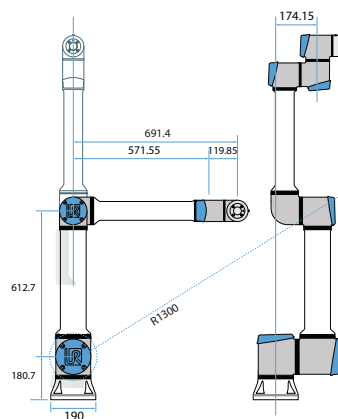
- Up to 270 amps on single-phase power

### Fixture kit per table:

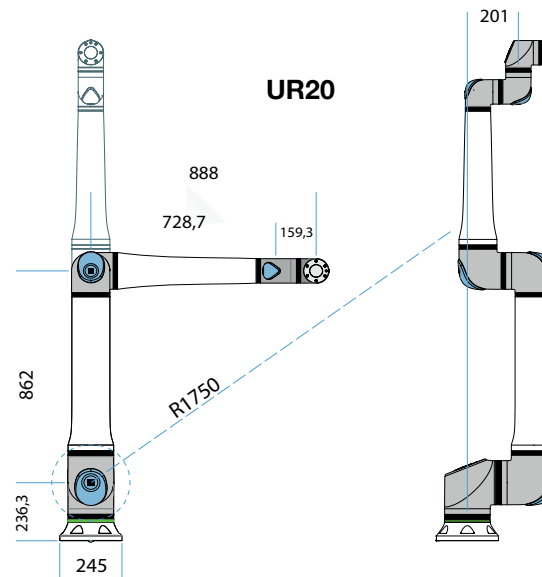
8 X Professional Screw Clamp  
(Nitrided) 24 X Short Fast Clamping Bolt (Burnished) 16 X 5" Universal Stop (Nitrided) 8 X Stop and Clamping Square (12" Tall) (Nitrided) Table Maintenance Set

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

UR10e



UR20



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