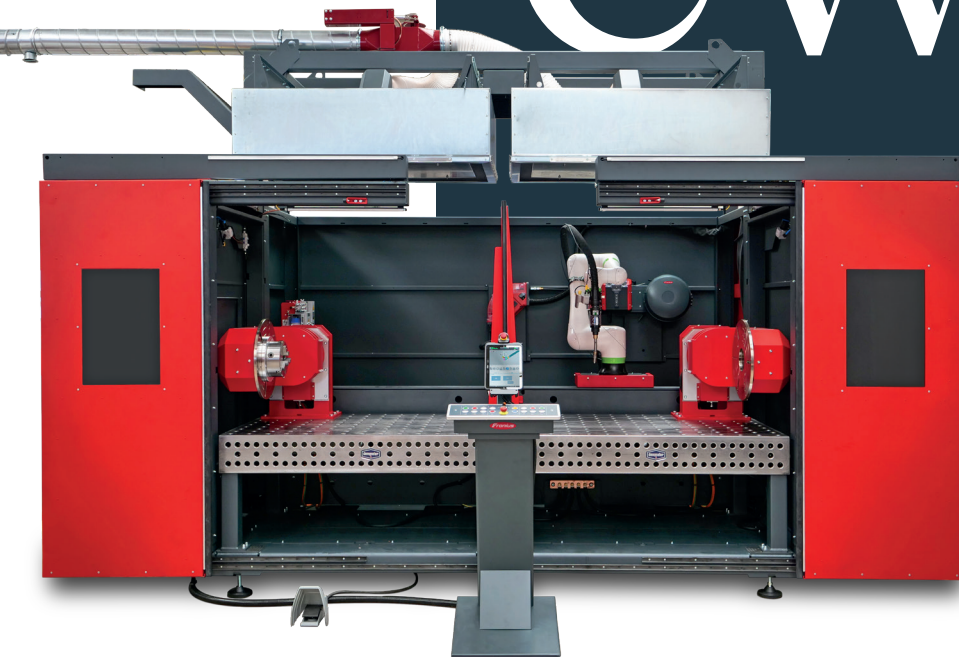




Cobot welding cell

CWC-D



The Fronius CWC-D cobot welding cell is all about cost effective welding—from small batch runs through to series production. The welding cell provides for maximum flexibility: one-station operation for large workpieces, or two-station operation to set up and weld in parallel. Programming is made easy using drag and drop, with no prior knowledge of robot programming required.

Features

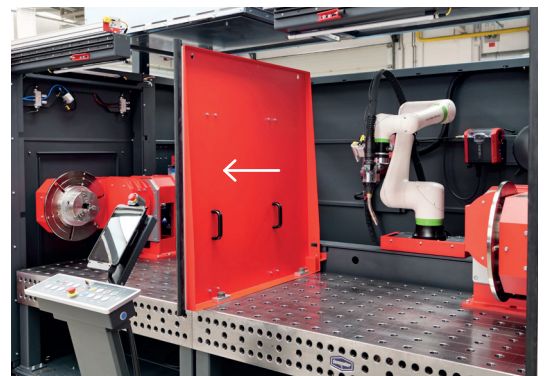
- Maximum productivity thanks to two-station operation
- Both stations can be programmed and operated independently
- Removable partition provides for expanded working area
- Robot track for individual robot positioning, or as an additional welding axis
- Can be upgraded with turn/tilt positioner
- Rapid cycle times when switching from cobot to robot mode (up to 8x speed of travel)

CE-tested safety

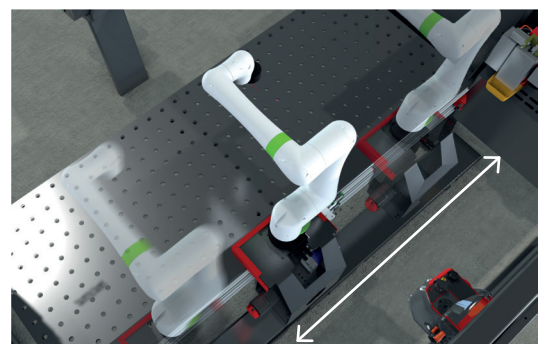
- Enclosure with automatic safety doors as glare protection and to protect against high UV radiation levels
- Integrated smoke extraction hood: rail-guided for crane loading

Easy and intuitive programming and controls

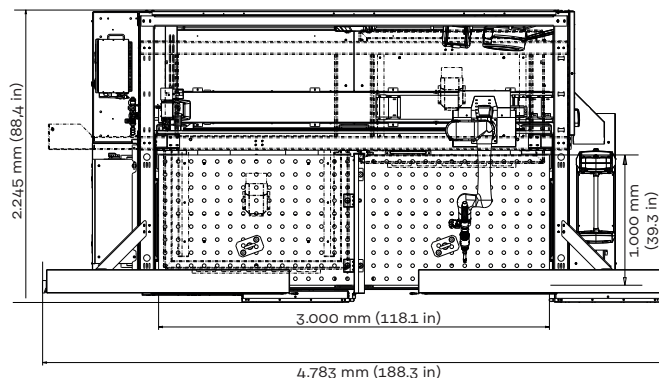
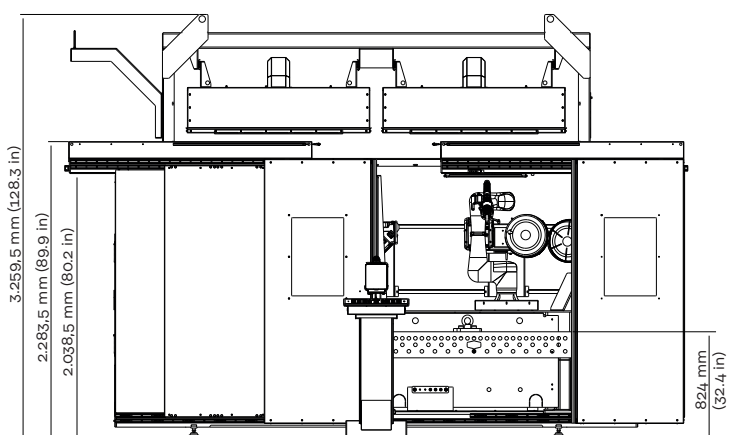
The innovative teach pendant tablet makes it quick and easy to get started with robot programming. Programming is facilitated through the use of drag and drop. The control panel allows for welding stations to be controlled individually.



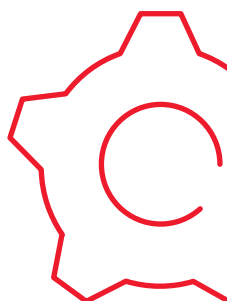
Partition removed by hand for one-station operation



Robot can be individually positioned on the track



Technical data



	CWC-D
Welding process	MIG/MAG
Mains voltage	400 V/N/PE 50-60 Hz
Connected load	14.2 kVA
Compressed air	6-7 bar
Dimensions l/w/h	4,783 x 2,245 x 3,259.5 mm
Working height (D)	824 mm
Max. component size (two stations)	2 x 1,500 x 1,000 x 600 mm
Max. component size (one station)	3,000 x 1,500 x 600 mm
Weight (without rotary unit)	~ 4,000 kg
Robot repetition accuracy	+/- 0.04 mm