## 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
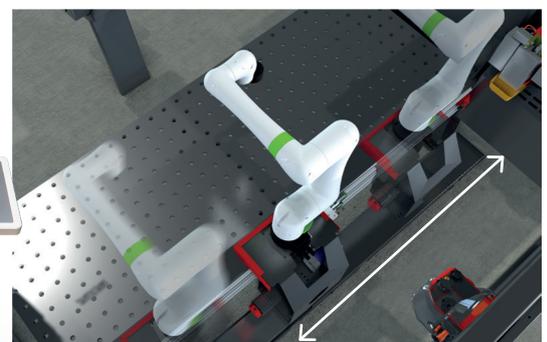
Robot can be individually positioned on the track
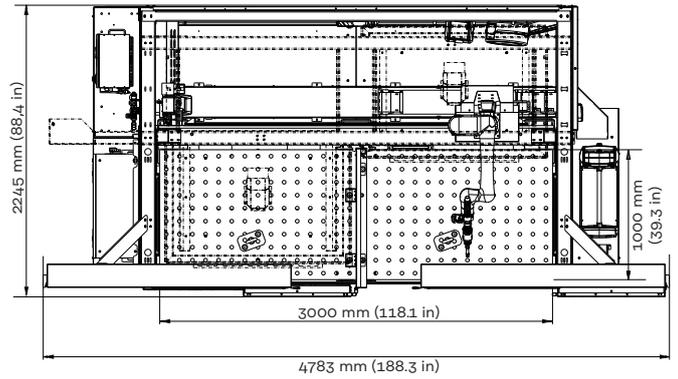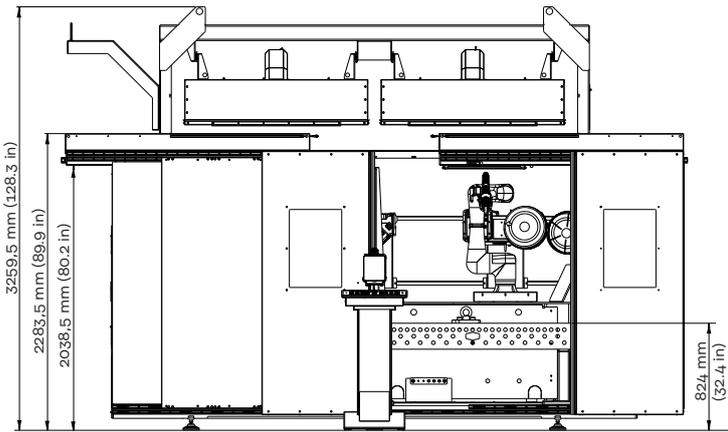
# Technical data
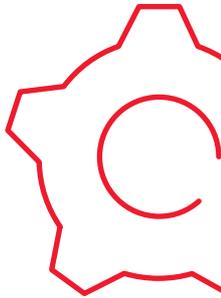
| | CWC-D |
|---|---|
| **Welding process** | MIG/MAG |
| **Mains voltage** | 400 V/N/PE<br>50-60 Hz |
| **Connected load** | 14.2 kVA |
| **Compressed air** | 6-7 bar |
| **Dimensions l/w/h** | 4,783 x 2,245 x 3,259.5 mm |
| **Working height (D)** | 824 mm |
| **Max. component size (two stations)** | 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 |