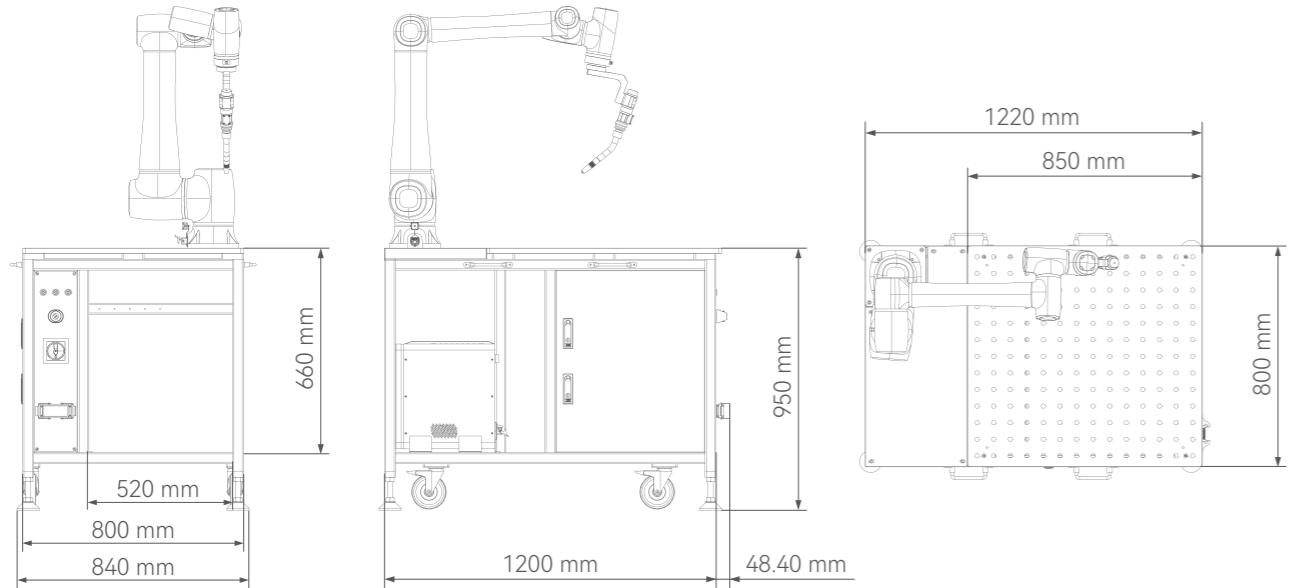


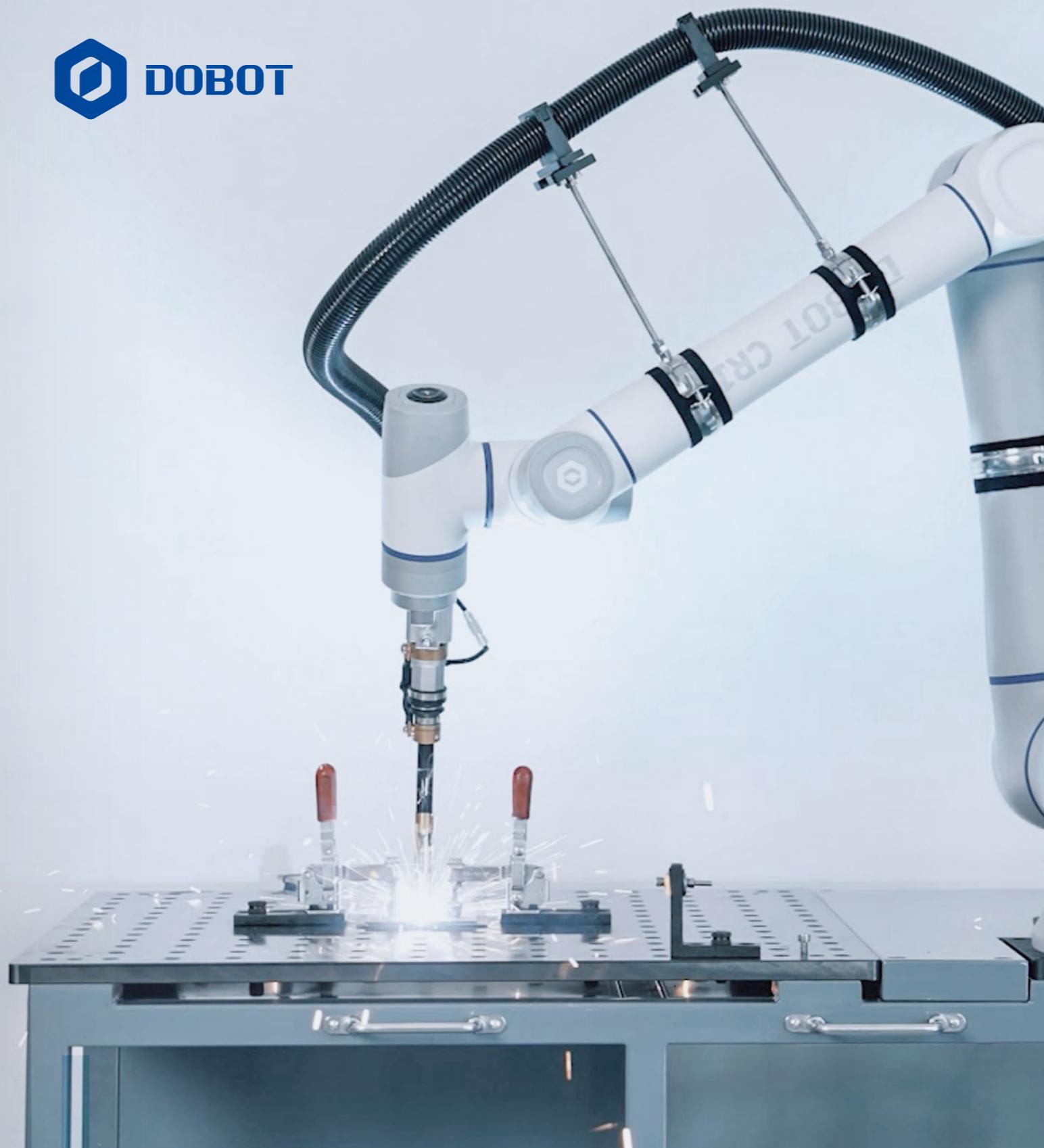
Specifications



Model	Smart Mobile Welding Platform
Dimensions (length x width x height)	1220 mm x 800 mm x 945 mm *Note 1
Weldable Range	(R600 - R1200) x 180°
Weight	200 kg *Note 2
Payload of Robot	10 kg
Robot Arm Span	1300 mm
Compatible Welding Machine	Integrate by user
Welding Torch	Integrate by user
Wire Feeder	Integrate by user
Welding Software	Yes
Drag-to-teach	Yes

*Note 1: Platform size does not include the height of the piping package.

*Note 2: Platform weight does not include welding machine, robot and wire feeder.



Smart Mobile Welding Platform

This platform adopts the DOBOT CR10 cobot as the core device, users can match welding components to establish their own welding station. It is compatible with many models of major welding machine brands, and is user friendly by combining with Dobot's self-developed welding software, which satisfy small batch and flexible production.

DOBOT CR10 Collaborative Robot

Arc Welding Torch (Integrate by user)

Welding Wire (Integrate by user)

Wire Feeder (Integrate by user)

Welding Platform

Robot Control Box

Control Box

Welding Machine Power (Integrate by user)



Key Features

Easy Integration, High Mobility

Based on the CR10 collaborative robot, users can develop their own welding workstation with welding machine, welding torch, wire feeder and other components. Its compactness allows easy integration and quick deployment.



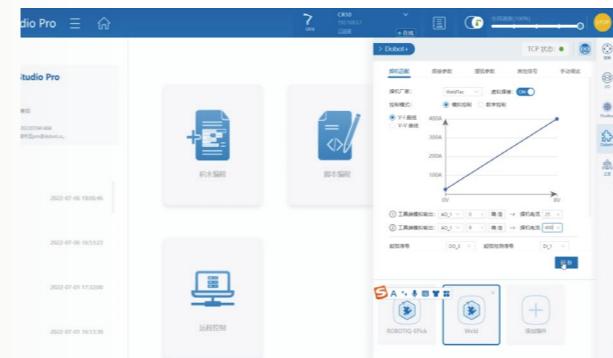
*This platform provides the CR10 cobot and a rack. Other components (welding machine, arc welding torch, welding wire and wire feeder etc.) can be matched by user freely.

Easy to Use Software Package

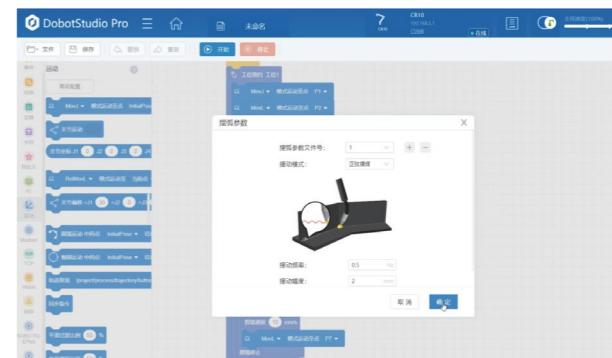
1. Compatible with Major Welding Machines: The software supports global major welding machine models and provide analogue, DeviceNet, Modbus and many other communication methods which can be highly adaptable for welding process.



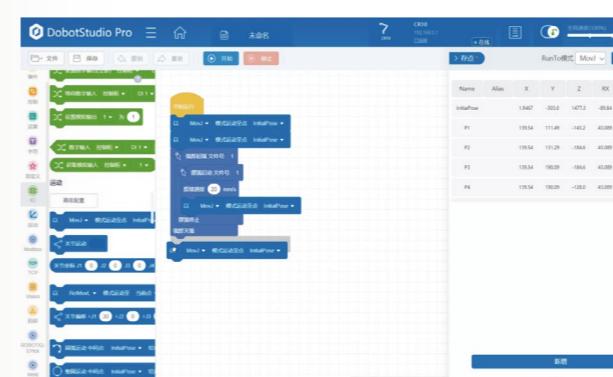
2. Easy Operation for Everyone: The Dobot self-developed welding software supports direct operation from laptop computer. Setup welding applications in just 4 steps.



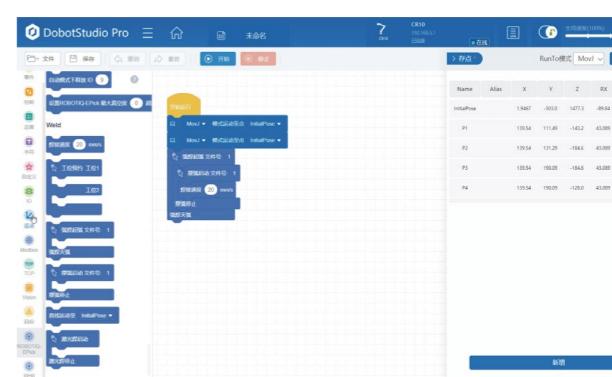
Step 1: Welding machine matching



Step 2: Setup welding specifications



Step 3: Drag to teach with graphical programming for easy setup



Step 4: Welding simulation and begin welding