

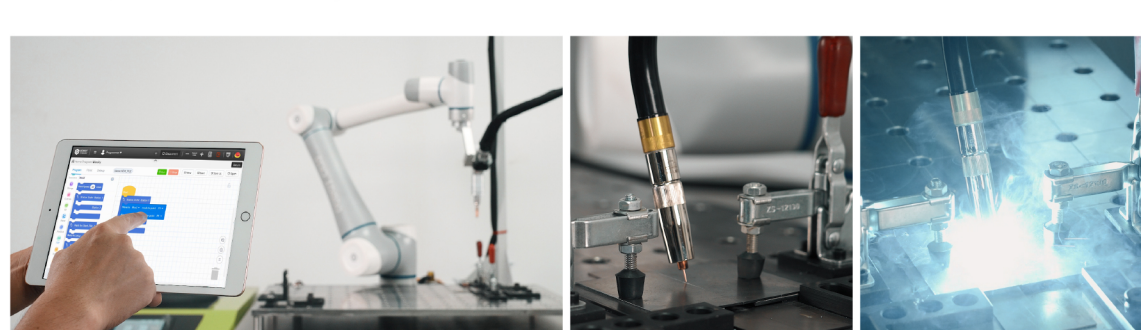


## DOBOT Automated Welding Package

Safe and Efficient Welding Solution for Upscaling Production

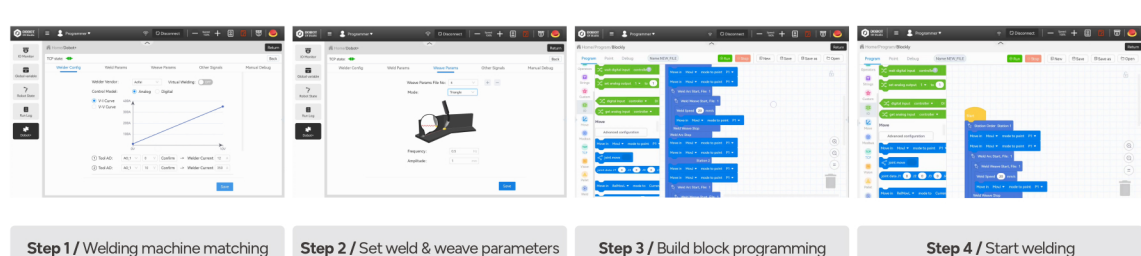
### DOBOT Automated Welding Package to Create Safe Work Environment and Reach Reliable Quality

The welding package turnkey solution deploys a full range of DOBOT CR series robotic arms to perform **laser and arc welding**. It combats multiple challenges of manual welding, including working in a hazardous environment, difficulty maintaining a high level of accuracy, and additional time and money for downtime. DOBOT automated welding package enhances efficiency in a **rapid shift in diverse product lines**, saving time and additional costs for automation.



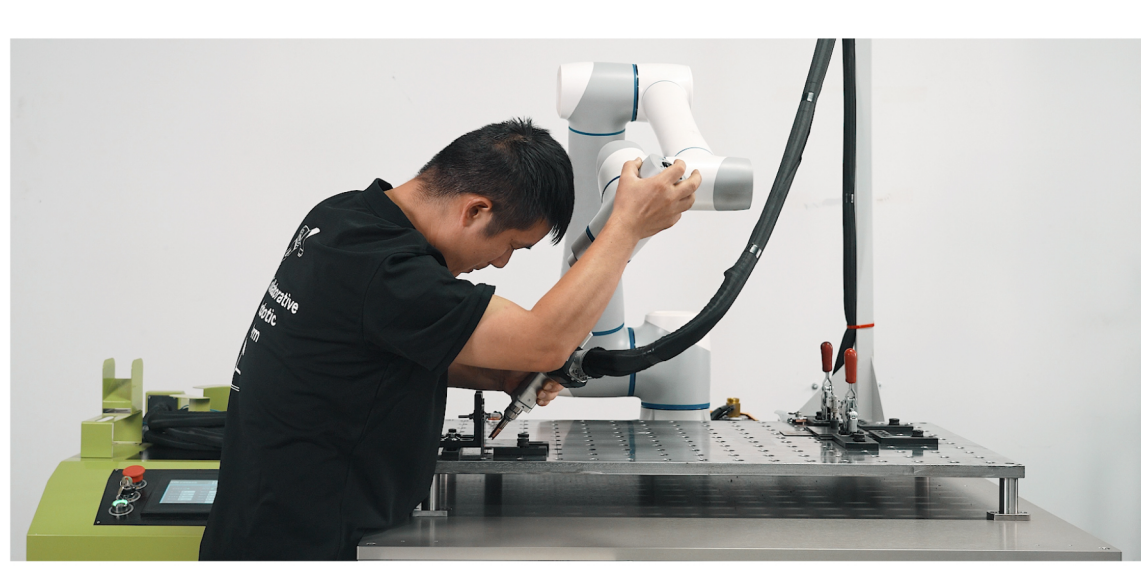
The DOBOT welding package makes the welding process easy to program and operate. It is adaptable to **multiple welding machines** and supports a **3D vision system** to make welding more accurate. Change the robotic arm's location with one button click and achieve human-robot collaboration, improve work efficiency, and increase sustainability and safety.

#### How to Weld Effectively with DOBOT Welding Package



#### Powerful Features of DOBOT Automated Welding Package and Benefits of Using It

1. **Enables simple programming options:** the solution provides drag-and-drop teaching, tablet teaching, and easy to learn graphics programming.



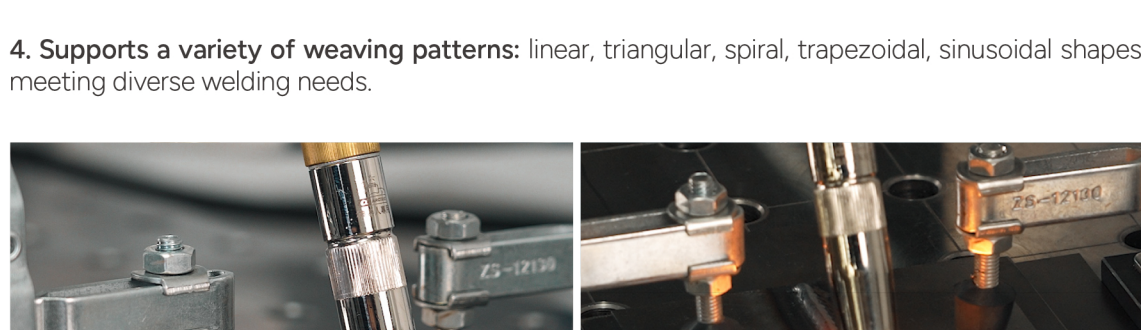
2. **Compatible with various welding machines and material types**, such as aluminum, stainless steel, and carbon steel for laser welding, while gas and carbon steel in arc welding. The solution supports WeldTec, Aotai, Megmeet, OTC, and other manufacturers of welding equipment and multiple laser welding machines.



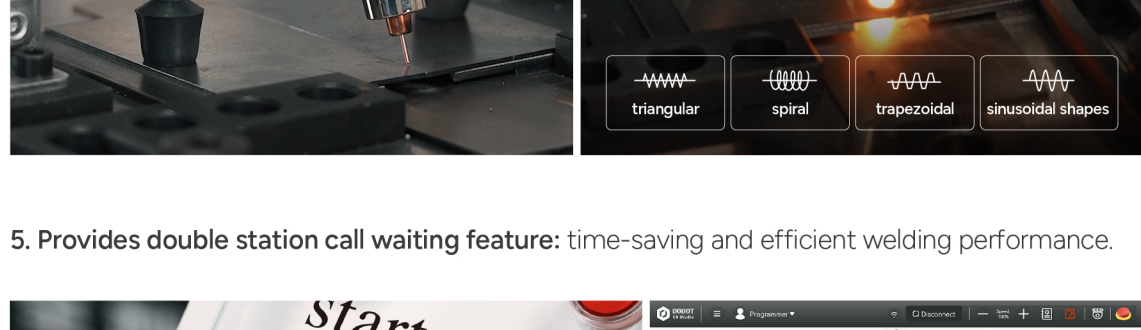
3. **Provides safe welding operations:** the robotic arm will stop welding in case of emergency stops or pauses. It also supports collision detection feature, reducing the risk of dangerous and hazardous welding environment. In case of abnormal welding conditions, the solution will automatically turn off the arc and gas supply.



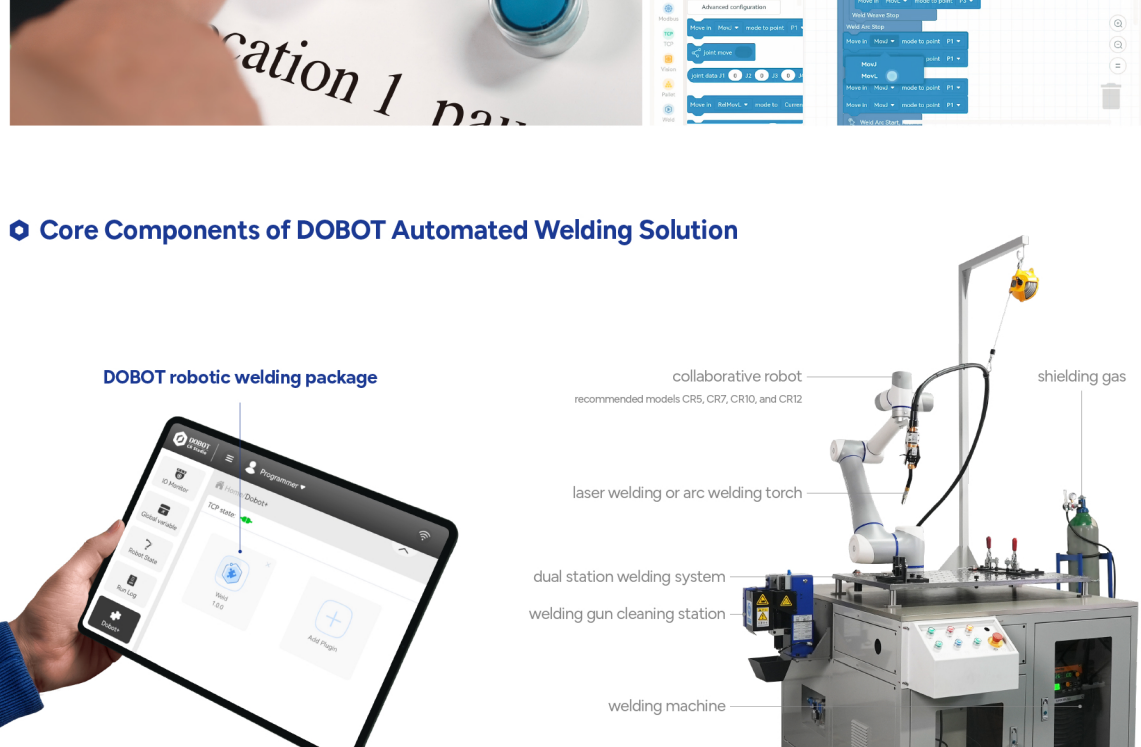
4. **Supports a variety of weaving patterns:** linear, triangular, spiral, trapezoidal, sinusoidal shapes meeting diverse welding needs.



5. **Provides double station call waiting feature:** time-saving and efficient welding performance.



#### Core Components of DOBOT Automated Welding Solution



#### Core indicators to achieve high-quality welding

<b>8-15mm/s</b> welding speed	<b>1300mm</b> maximum reach	<b>22</b> safety certifications	<b>30,000h</b> MTBF certification
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## Company Information

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