

All-in-One Mobile Cobot Welding Cell

A complete, plug-and-play automated welding station designed for high-mix, low-volume production. No coding required.

Core Highlights

0-Threshold Operation | 16 TUV Safety Functions | Water-Cooled 500A Welder

Cobot Options

Model	Payload	Reach	Repeatability
GCR5-910-W	5kg	917mm	+/-0.02mm
GCR10-1300-W	10kg	1300mm	+/-0.03mm

Welder System

Model	Aotai NBC-500RP-PLUS
Rated Output	500A, 100% Duty Cycle
Cooling	Integrated Water Tank
Station Dimensions	Approx. 1200 x 800 x 1200 mm

System Features

Smart Teaching Pendant: Innovative drag-to-teach handle with one-click weld seam generation and wire feed control. Reduces programming time by 85%.

High-Performance Cobot Arm: Powered by DUCO GCR-series cobots with ESD antistatic body.

Compact Mobility: Customized mobile cart allows you to move the automation directly to heavy workpieces, saving floor space.

Contact WeldVanta for a system configuration and quotation based on your welding process, material, thickness, and production target.