PRODUCTIVE ROBOTICS

blaze™ DUO

High Production Dual Station Robotic Welder

Perfect Welds Every Time

productive robotics®

PRODUCTIVE ROBOTICS Blaze™DUO:
All-in-one solution includes everything needed for high production automated welding.

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BORN IN THE USA

Two Stations for Simultaneous Setup and Welding
Automatic doors separate two identical weld stations allowing operator to be safely setting up one job while the robot is welding another.

OB7 Stretch Robot
Productive Robotics proven OB7 Stretch robot provides unmatched reach and maneuverability that only a seven axis robot can provide.

No Programming. Simple to Teach Without Special Skills.
Productive Robotics' famous "No Programming" system allows anyone, regardless of experience, to teach OB7 to weld.

Auto Continuum 350 Welder
Top of the line welding package allows 100% duty cycle. Handles nearly any wire type with continuous welding, without breaks or interruptions.

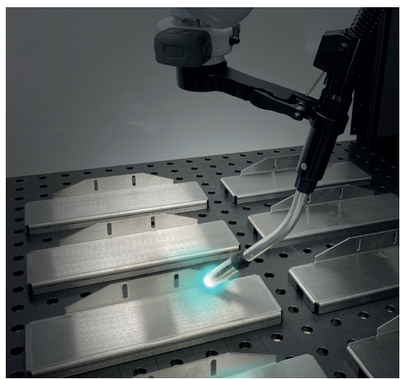
Filtered Fume Extraction
Unique combination of Merv 8 + Merv 14 filtering allow the Blaze system to operate in most any environment.

Unrestricted Access
Double doors at each weld station open fully to allow complete and unrestricted access to the weld table and all setups.

UNLIMITED Weld Complexity Made Simple
There is no limit to the complexity of a welding job. From simple to complex paths, varying weld recipes and weld types, the OB7 robot easily learns any job in minutes.

LED Lighting
Built in bright LED lighting provides perfect illumination for setting up jobs and fixtures.

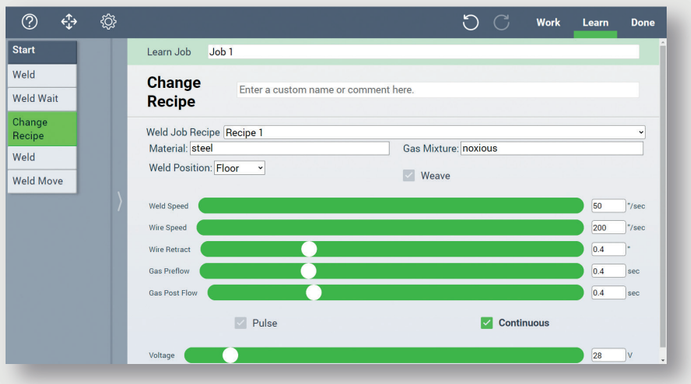
BlazeVision™ Live Video Monitoring
Direct video monitoring of welding, in progress, displayed on the Blaze Vision monitor. Welding visors, goggles, or welding screens are not required.



Spatter Catch Trays
Built in catch trays under table collect weld spatter.

Tablet Controller
All welding details and recipes set on the tablet with Productive Robotics' famous drag and drop display.

UNLIMITED Custom Weld Recipes
The unlimited library of welding recipes allow complete control and customization of all welding parameters, including: material type, weld speed, wire speed, gas flow control, weld pattern and more. Simply select your desired recipe, or customize the recipe as you choose.



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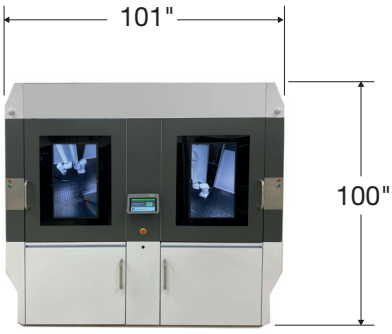

Dimensions	
Overall	101"w x 61"d x 100"h
Table Height	36"
Two Weld Stations	41.75"w x 48"d
Spatter Catch Trays	2 trays covering entire weld area

General	
Lighting	High intensity LED
Fume Extraction	
Fume Filter Rating	Merv * + Merv 14

OB7 Stretch Robot	
Reach	1.3M
Welding Modes	Continuous, spot, stitch, weave
Weld Recipes	Unlimited
Programming	No Programming. Robot learns by teaching.

Auto Continuum 350 Welder	
Maximum Current	350 Amp 10V - 44V
Power Supply	230VAC, 380VAC, 400 VAC, 460Vac, 575Vac
3 Phase 50/60hz	
Duty Cycle 100%	

Advanced MIG processes
Versa-Pulse™
Accu-Pulse® MIG (GMAW-P)
RMD®
MIG (GMAW)
High-deposition MIG (GMAW)
Flux-cored (FCAW)

Wire Drive	
Welding Circuit Rating	500A continuous
Wire Feed Speed	50-1000 IPM (1.27–25.4 m/min.)
Wire Dia range	.035–5/64 in. (0.9–2.0 mm)

productive robotics®

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