

POWERJET ULTRA & ULTRA TWIN

MOBILE HIGH VACUUM WELDING FUME EXTRACTION SYSTEM

The PowerJet Ultra and PowerJet Ultra Twin are high vacuum welding fume extractors specialized in (but not limited to) on-torch extraction. The units are equipped with a HEPA (H14) filter, and a smart self-cleaning filter with HyperClean technology. Easily dispose of the collected dust by removing the pulp-molded Dustbin without any exposure to dust.

The AutoCheck safety features prevent using the PowerJet Ultra & Ultra Twin when the unit needs attention, such as emptying the dustbin.

For a simpler or smaller solution, refer to the PowerJet Basic and PowerJet Mini.

The PowerJet Mini, Basic, Ultra & Ultra Twin will be available in Q1-2026.

APPLICATIONS

The PowerJet Ultra & Ultra Twin is intended to be used for the following applications:



On-torch or small nozzle welding fume extraction for

- MIG-MAG/GMAW welding
- FCAW welding
- TIG welding
- Stick/MMAW welding

SPECIFICATIONS

Applications	
Welding fume source capture	<ul style="list-style-type: none">• On torch extraction• Nozzle extraction
Advisory use	Heavy duty applications > 1000 kg MIG/MAG or > 500 kg electrode
Torch compatibility	(Virtually) any industry standard torches
Physical properties	
Material <ul style="list-style-type: none">• Housing• Base	<ul style="list-style-type: none">• Powdercoated metal• Polypropylene
Color <ul style="list-style-type: none">• Housing• Top cover• Base	<ul style="list-style-type: none">• RAL 1004 - Golden yellow• RAL 7011 - Iron grey• RAL 9005 - Jet black
Dimensions (L×W×H)	88 × 68 × 113 cm (34.6 × 26.8 × 44.5 in.)
Wall-mounted version	With control panel (10 m wire)
High-temp hose <ul style="list-style-type: none">• Diameter• Nozzle attachment	<ul style="list-style-type: none">• ø 45 mm (1.8 in.)• Rotating to prevent twists
Performance	
Extraction inlets <ul style="list-style-type: none">• PowerJet Ultra • PowerJet Ultra Twin	<ul style="list-style-type: none">• 1 extraction inlets for max. 2 welding torches• 2 extraction inlets for max. 4 welding torches
Maximum vacuum	27 kPa (108" WG) per inlet
Maximum airflow <ul style="list-style-type: none">• PowerJet Ultra• PowerJet Ultra Twin	<ul style="list-style-type: none">• 350 m³/h (206 cfm)• 2x 350 m³/h (206 cfm)
Motor type <ul style="list-style-type: none">• PowerJet Ultra• PowerJet Ultra Twin	<ul style="list-style-type: none">• Brushless EC motor, rated for 20.000 hours• 2x Brushless EC motors, rated for 20.000 hours



Filter	
Size	
• Main Filter	• 20 m²
• HEPA Filter	• 2.5 m²
HyperClean filter cleaning	Yes
Filter material	
• Main Filter	• ePTFE polyester BiCo
• HEPA Filter	• Polypropylene H14
Dust collection	In Dustbin with DustLock technology
Electrical data	
Power consumption	max. 2.5 kW
Available connection voltages	• 1~ 120-230V (NA/EU/RoW)
Operating speed	50/60 Hz

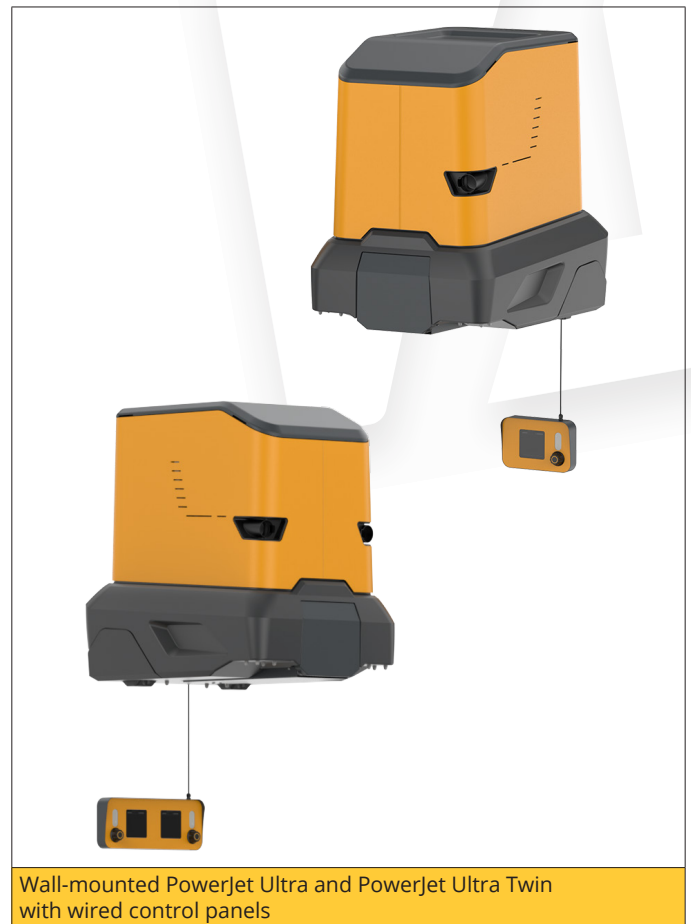


The PowerJet Ultra Twin doubles up on the controls and motors for individual performance tweaks



Dustbins and the opened Dustbin Drawer of the PowerJet Ultra

AutoCheck	
AutoCheck sensor and safety features	<ul style="list-style-type: none"> Inlet hose detection Filter presence detection Electronic safety lock top cover Electronic safety lock dustbin drawer Compressed air detection
Ambient conditions	
Operating and storage conditions	5-45°C (41-113°F) Relative humidity max. 80%
Suitable for outdoor use	No
Accessories	
Universal hose connectors	ø 40-65 mm (ø 1.6 - 2.6 in.)
Small nozzle extractor	Art. no.
• EN-20 (Magnetic foot)	• 7900060020
• EN-21 (Suction cup)	• 119522
• EN-40 (Magnetic foot)	• 7900060010
Automatic Start/Stop	Art.no.
• MCC-06	• 350080
Hose with adapter to extract to the outside	For when recirculation is impossible
Order information	
Number/package	1
Shipping data	
Max. number per pallet	1
Country of origin	Thailand



POWERJET SERIES COMPARED

Features		PowerJet Mini	PowerJet Basic	PowerJet Ultra	PowerJet Ultra Twin
Use	Welding applications	Occasional	Medium-duty	Medium to heavy-duty	Medium to heavy-duty
	Annual welding wire consumption		< 1.000 kg MIG/MAG or < 500 kg electrode	> 1.000 kg MIG/MAG or > 500 kg electrode	> 1.000 kg MIG/MAG or > 500 kg electrode
Features & safety measures	Number of inlets	1	1	1	2
	ISO-Flow (ISO 5167 compliant)		✓	✓	✓
	ExactFlow			✓	✓
	HyperClean			✓	✓
	DustLock Technology			✓	✓
	Touch screen controls & info			✓	✓
	Mobile App (iOS & Android)			✓	✓
	AutoCheck		Inlet hose detection	✓	✓
			Filter presence detection	✓	✓
			Electronic safety lock on top cover	✓	✓
			Dustbin		
			• Dustbin presence detection	✓	✓
			• Dust level sensor		
			• Electronic drawer lock		
	Compressed air detection			✓	✓
ISO/HEPA	ISO 21904 compliant	✓	✓	✓	✓
	HEPA Filter	✓	✓	✓	✓

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Product

PowerJet Ultra & Ultra Twin

Article no.

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Product category

High vacuum source capture

Version

0

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