



betaweld®

XTRACTA

SERIES

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creating better welding solutions

FUME EXTRACTORS



WHY FUME EXTRACTION MATTERS

As of December 2026, Australian Workplace Exposure Standards (WES) will be replaced by Workplace Exposure Limits (WEL) which requires workplaces to ensure that no person is exposed to a substance or mixture above the workplace exposure limit.

Dust particles, chemicals, and pathogens are harmful pollutants that welders are routinely exposed to that carry a risk of possible negative health effects. That's why we cannot take for granted the air we breathe and the filtration systems we depend upon.

By acknowledging the importance of clean air in worker health, safety, productivity, and sustainability, we begin to understand how important our investments and maintenance in industrial systems are to fabrication businesses.

MEET YOUR NEW REQUIREMENTS

With Australian Workplace Exposure Limits (WEL) continuing to tighten for metals commonly present in welding fume - including a 10-fold reduction for Manganese - effective fume extraction and filtration are becoming increasingly critical to maintaining a safer, cleaner workshop environment.

Betaweld XTRACTA machines are designed and built to meet the latest AS/NZS ISO 21904 Series standards for welding fume extraction systems. These standards provide workplaces with greater confidence when selecting equipment, establishing requirements for systems to demonstrate their ability to effectively capture welding fume and achieve filtration efficiency of $\geq 99\%$.

Choose proven extraction technology. Choose Betaweld XTRACTA.

As AS/NZS ISO 21904 Series compliant systems, Betaweld XTRACTA machines have been rigorously tested against evolving industry requirements, including:

- $\geq 99\%$ filtration efficiency for welding fume (W3)
- Verified performance of the entire device, not just the filter media
- Airflow monitoring with warnings and alarms
- Safe filter handling and dust management
- Minimum capture velocities and validated torch/hood performance



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99% FILTRATION EFFICIENCY

The **Betaweld XTRACTA range** includes two cartridge cleanable filters in each fume extraction unit. These cartridge filters are graded in the Fine Filter category, compliant with EN779 and AS/NZS 21904.1 standards, ensuring that all XTRACTA units can capture ultra-fine particles as small as 0.3-1 µm for exceptional air filtration.



W3 Rating Compliant

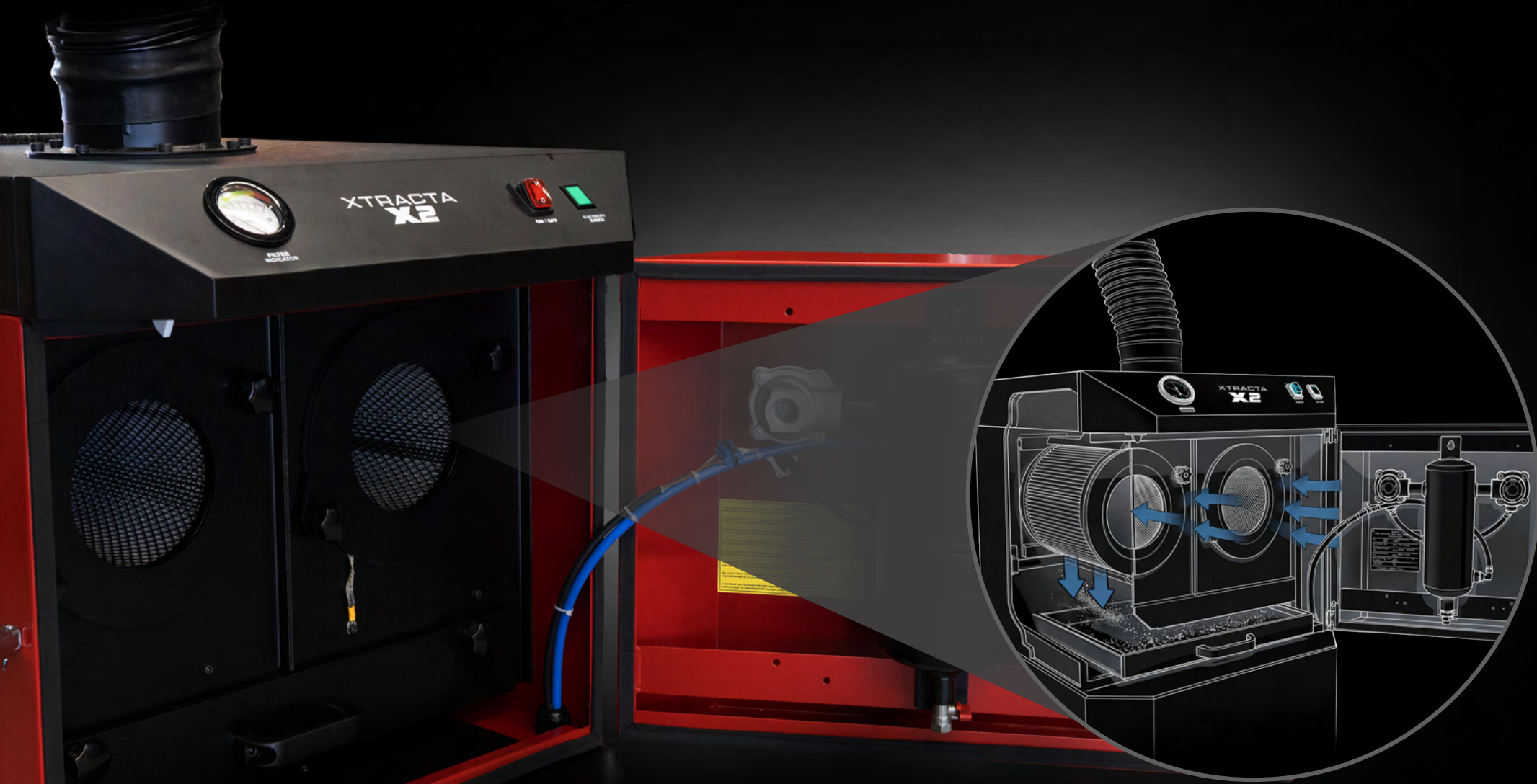
EXTENDED FILTER LIFE AND REDUCED MAINTENANCE DOWNTIME

Betaweld XTRACTA units are designed for high dust retention capacity with a total cleanable filter surface area of 3 + 3 = 6m².

The main Filter Indicator Gauge on the control panel of Betaweld XTRACTA units is designed to minimise downtime by limiting maintenance to filter replacement intervals. The status of the filter capacity is indicated by the Green, Yellow or Red Zone on the gauge, helping you maintain productivity without compromising on workplace safety.



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X-PULSE TECHNOLOGY

X-Pulse Technology takes productivity to the next level. Betaweld XTRACTA X2 and X3 fume extraction machines are fitted with an automatic X-Pulse cleaning system that allows filter cleaning without removing filters or opening the housing. The machines' compressed air inlet activates the self-cleaning system, sending a pulse of air to push particles out.

PROTECT YOURSELF AND YOUR ENVIRONMENT



Patented front protective cover allows for fast, practical and easy filter cleaning, replacement, and waste disposal.



The integrated dust collection drawer enables safe and environmentally friendly dust disposal.

VERSATILE

The Betaweld XTRACTA range includes three models:

- XTRACTA X1 Mobile Fume Extractor 240V - Single Arm
- XTRACTA X2 Mobile Fume Extractor with X-Pulse 240V - Single Arm
- XTRACTA X3 Mobile Fume Extractor with X-Pulse 415V - Dual Arm

MOBILE DESIGN

FEATURES BUILT FOR THE WORKSHOP

- Swivel casters for easy relocation within the workspace.
- Lockable wheels provide enhanced operational stability.
- Polyamide-rimmed wheels ensure quiet and smooth movement.



MULTIPLE APPLICATIONS



MIG

TIG

STICK

PLASMA

GOUGING

XTRACTA X1



**FILTER CONTAMINATION
INDICATOR**
Real Time Airflow Monitoring



**INTEGRATED
DUST DRAWER**
Safe, Easy Disposal



**LOCKABLE
WHEELS**
Stable & Secure Operation



**ARTICULATED
EXTRACTION ARM**
Maximum Manoeuvrability



**M5-CLASS
FILTERS**
Cleanable & Long-Lasting



**POWDER-COATED
BODY**
Long-life Protection & Durability



MACHINE FEATURES

SINGLE ARM MOBILE FUME EXTRACTOR

- Double ePM1 90%
- M5 manual cleanable cartridge filters
- Single 3m internal acrobatic arm
- 3m supply cable
- High dust retention capacity



Specifications

Part No.	6065
Output Voltage	240V
Motor Output	1.5kW
Plug Type	10A
ISO	F
Protection Class	IP X0
Compliance	AS/NZS ISO 21904 Series
Air Suction Rate Maximum	3000m³/h
Filter Efficiency	99%
Filter Surface Area	6m²
Nominal Current	4A
Warranty	3 Years*

Size & Weight

Machine Weight	122kg
Total Weight with Arm	139kg
Dimensions [L x W x H]:	750 x 650 x 1285mm

*Excludes filters

XTRACTA X2



**ARTICULATED
EXTRACTION ARM**
Maximum Manoeuvrability



**X-PULSE
TECHNOLOGY**
Automatic Filter Cleaning



**INTEGRATED
DUST DRAWER**
Safe, Easy Disposal



**FILTER CONTAMINATION
INDICATOR**
Real Time Airflow Monitoring



**M5-CLASS
FILTERS**
Cleanable & Long-Lasting



**LOCKABLE
WHEELS**
Stable & Secure Operation



**POWDER-COATED
BODY**
Long-life Protection & Durability



MACHINE FEATURES

SINGLE ARM MOBILE FUME EXTRACTOR WITH X-PULSE

- Double ePM1 90%
- Automatic cleanable X-Pulse M5 cartridge filters
- Single 3m internal acrobatic arm
- 3m supply cable
- High dust retention capacity



Specifications

Part No.	6066
Output Voltage	240V
Motor Output	1.5kW
Plug Type	10A
ISO	F
Protection Class	IP X0
Compliance	AS/NZS ISO 21904 Series
Air Suction Rate Maximum	3000m³/h
Filter Efficiency	99%
Filter Surface Area	6m²
Nominal Current	5A
Warranty	3 Years*

Size & Weight

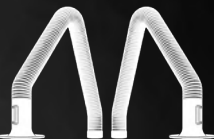
Machine Weight	122kg
Total Weight with Arm	139kg
Dimensions [L x W x H]:	750 x 650 x 1285mm

*Excludes filters

XTRACTA X3

MADE IN
EU

415V



**DUAL ARTICULATED
EXTRACTION ARMS**
Dual-Setup Capability



**X-PULSE
TECHNOLOGY**
Automatic Filter Cleaning



**INTEGRATED
DUST DRAWER**
Safe, Easy Disposal



**FILTER CONTAMINATION
INDICATOR**
Real Time Airflow Monitoring

M5



**M5-CLASS
FILTERS**
Cleanable & Long-Lasting



**LOCKABLE
WHEELS**
Stable & Secure Operation



**POWDER-COATED
BODY**
Long-life Protection & Durability

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MACHINE FEATURES

DUAL ARM MOBILE FUME EXTRACTOR WITH X-PULSE

- Double ePM1 90%
- Automatic cleanable X-Pulse M5 cartridge filters
- 2 x 3m internal acrobatic arm
- 3m supply cable
- High dust retention capacity
- Extract from two different welding sources simultaneously

Specifications

Part No.	6067
Output Voltage	415V
Motor Output	1.1kW
Plug Type	10A
ISO	F
Protection Class	IP X0
Compliance	AS/NZS ISO 21904 Series
Air Suction Rate Maximum	2 x 2000m ³ /h
Filter Efficiency	99%
Filter Surface Area	6m ²
Nominal Current	5A
Warranty	3 Years*

Size & Weight

Machine Weight	125kg
Total Weight with Arm	159kg
Dimensions [L x W x H]:	750 x 650 x 1285mm

*Excludes filters

**3 YEARS
WARRANTY**
ON ALL BETAWELD MACHINES

EXCLUSIVELY AVAILABLE AT



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