

PLYMOVENT®



Applied
Technology



FANTECH
Intelligent Ventilation



Plymovent is a global, leading supplier of products, systems and services for the extraction and filtration of polluted indoor air. Our products contribute significantly to a cleaner, safer and healthier workplace.

WELDING AND CUTTING FUME REMOVAL



MINIMAN-75
STANDING
(PLY-MM-75-1.5S)

MINIMAN-75

- Ideal for bench work and smaller working areas. Perfect for soldering, lab or dust applications.
- Clear-thru, totally free from internal mechanisms.
- Reach of 1m-1.5m.



MINIMAN-100
HANGING
(PLY-MM-100-2.1H)

MINIMAN-100

- Higher air volume and longer reach than MM-75. The high performance solution for dust and fume applications.
- Clear-thru, totally free from internal mechanisms.
- Reach of 1.5m-2.1m.



KUA

- Ideal for medium sized workplaces.
- Hood positioning of 110 degrees in any direction.
- Reach of 2m-4m.



TRAVERSING KUA

- Extractor for larger working areas.
- Runs along an extraction rail.
- Rotates 360 degrees and has a reach in radius of 4m.



MULTISMART ARM (MSA)

- Clear-thru design for highest possible air volumes.
- Available in 125, 160 & 200mm diameters.
- Reach of 3m-4m.



FLEXMAX

- Extension crane for EconomyArm and KUA extraction arms.
- Reaches above its mounting height.
- Provides an extra reach of up to 4.5m.



ECONOMYARM

- Extraction arm for light intensity welding.
- Detachable hood allows for attaching extension hoses.
- Reach of 2m-4m.



SINGLE ARM



MULTIPLE ARMS SYSTEM

MOBILE UNITS FOR WELDING FUME EXTRACTION

MOBILEGO

MobileGo is a compact mobile welding fume extractor. It is designed as an entry level extractor for welding processes that produce low levels of fume. This unit can easily be moved around the workshop to extract the fumes where needed.



MOBILE GO

- Has a filter capacity of 15m².
- Works with the EconomyArm extraction arm attached which has a reach of 2m-4m.

MobileGo is recommended when you use 1 coil of solid welding wire or 7.5kg of welding electrodes per month.

SUITABLE FOR

- Light welding activities.
- Stainless steel welding.
- Auto repair shops.
- Agricultural sectors.
- TIG welding.



MOBILE GO^{PLUS}

- Has a filter capacity of 26m².
- Works with the KUA extraction arm attached which has a reach of 2m-4m.

The MobileGo^{Plus} is recommended when you use 2 coils of solid welding wire or 15kg of welding electrodes per month.

FEATURES

- Effective protection against exposure to welding fume.
- Excellent price x performance.
- Easy to manoeuvre.
- Two stage filter for longer filter life.
- Enhanced safety with integrated spark deflection plate.
- W3 marking.
- ISO 15012-1.



MOBILEGO PRO

MobilePro is a compact mobile welding fume extractor. It is designed as a professional level extractor for removing fumes from spaces that would be difficult for a fixed extraction system to reach. This unit can easily be moved around the workshop for extraction where needed and is fitted with a washable long life filter.



FEATURES

- Stable mobile unit.
- 2 Swivel castors for easy movement.
- Extraction arm reach of 2-4 metres.
- Ergonomic handlebar/toolholder.
- SilentFlowTM sound absorbing box.
- Self-cleaning Ram-AirTM pulse amplifier.

SUITABLE FOR

- Welding in confined spaces.
- MIG welding.
- MAG welding.
- TIG welding.
- GMAW welding.
- FCAW welding.
- Stick electrode welding.

COMPATIBLE EXTRACTION ARMS

- KUA and EconomyArm.



WALL MOUNTED WELDING FUME EXTRACTION

MONOGO

MonoGo is a single arm welding fume extractor, ideal for fixed work stations. Mounted to a wall it has a reach of up to 4 metres. MonoGo has a W3 marking, making it suitable to be used in steel and stainless steel applications.

FEATURES

- Effective protection against fume exposure.
- Excellent price performance.
- Two stage filter for longer filter life.
- Enhanced safety with integrated spark deflection plate.
- W3 marking.
- ISO 15012-1.

SUITABLE FOR

- Light or occasional welding activities.
- Steel or stainless steel welding.
- TIG welding.
- Auto repair shops.
- Agricultural sector.
- Welding schools.
- Technical colleges.



MONOGO

- Has a filter capacity of 15m².
- Works with the EconomyArm extraction arm attached which has a reach of 2m-4m.

It is recommended when the welding consumes 1 coil of solid welding wire or 7.5 kg of welding electrodes per month. When TIG welding takes place, the use is unrestricted due to the low fume emissions.



MONOGO^{PLUS}

- Has a filter capacity of 26m².
- Combines with a KUA extraction arm which has a reach of 2m-4m.

It is recommended when the welding consumes 2 coils of solid welding wire or 15 kg of welding electrodes per month.

WALLPRO

The WallPro welding fume extractor with automatic filter cleaning system can be used with one or two extraction arms and has a special PowerPlus model for very heavy fume conditions. It is built with a unique dust-free maintenance concept to provide safety for everybody; the welder, his direct environment as well as the maintenance engineer.

Depending on the application, the WallPro offers 3 extraction power levels; Standard, Power and PowerPlus. The Standard and Power levels can be used with 1 or 2 KUA extraction arms while the PowerPlus level has only 1 arm installed.

The respective power levels are suitable for welding fume extraction from medium intensity welding to high intensity applications.

FEATURES

- In compliance with ISO-EN 15012-1:2013 welding fume class W3.
- Low operational costs and long filter life.
- Self-cleaning filter, with additional offline filter cleaning function.
- Choose from 3 power levels according to your specific needs.

SUITABLE FOR

- Steel and stainless steel welding applications.
- Medium, heavy and very heavy fume production.
- PowerPlus: For heavy duty application with large quantities of fume, such as flux cored welding in combination with an automatic process.



WALLPRO WITH ONE EXTRACTION ARMS



WALLPRO WITH TWO EXTRACTION ARMS

DOWN DRAFT BENCHES

DRAFTMAX

MAINTENANCE-FRIENDLY

DraftMax is a downdraft and backdraft work bench, that creates a safe workplace. It is a combination of a workbench and an extraction/filtration system. This compact unit can be placed inside a welding booth, but also in a corner connected to ductwork.

FEATURES

- Integrated filter.
- Large filter surface and long filter lifespan.
- Maintenance-friendly.
- Three-way spark arrester.

SUITABLE FOR

Welding, grinding and plasma cutting.

SAFETY

The integrated spark arrester prevents sparks from reaching the filter cartridges. The spark arrester is placed underneath the working surface of the downdraft table to ensure a safe workplace.



DRAFTMAX ECO

DraftMax Eco is a downdraft work bench with an integrated spark arrester, but contains no filter cartridges. DraftMax Eco is suited for ductwork. It has to be connected to an external fan and filtration system, such as the SCS or MDB filtration unit.

- Work bench with fume extraction.
- Suitable for ductwork.
- Optional backdraft for fast-rising fumes.



WELDING FUME EXTRACTION FANS



FUA

The fans in the FUA series can be used as a direct mount fan for metal and hose tube extraction arms or as a central fan in small extraction systems. 0.37-2.2 kW (-.5-3.0 hp).



TEV

The TEV series ventilation fans are designed for use as central fans in larger systems with multiple extraction points. 0.75-7.5 kW (2.0-15.0 hp).



SIF

The extraction fans in the SIF series are sound-insulated and designed for use in central welding fume extraction systems or general filtration systems. 3-22 kW.



MNF

The MNF fans are portable extraction fans for use in welding operations in vessels and other confined spaces. 0.75kW.

CENTRAL FILTRATION UNITS



MULTIDUST BANK (MDB)

The MultiDust® Bank filter is a modular cartridge collector. This allows for the filter system to be tailored to meet the requirements of your industrial application.

The range of technical features and the latest filter technology results in a system that is cost-effective to operate and maintain.

FEATURES

- Efficient filtration of dust and fumes.
- Flexible positioning of inlet and outlet.
- Expandable as your business grows.

SUITABLE FOR

- Medium to medium-heavy applications like professional manual welding or intermittent semi-automatic and robotic welding.
- Heavy welding applications with semi automatic and robotic welding in multiple shifts or 24/7.



SCS-DILUTER

The SCS-Diluter is a general filtration system that controls welding fumes in large facilities. It is ideal for instances where source extraction hoods are not an option, for example if metalwork pieces are too big to be covered by extraction arms, or if the welders are frequently moving around the large workspace.

FEATURES

- Low installation cost.
- Flexible.
- Efficient filtration.

SUITABLE FOR

- Light to medium welding processes.





Tel: (61) 1300 326 364

Email: info@eltafans.com.au

Website: www.eltafans.com.au

A MEMBER OF  ELTA GROUP



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