

# MOBILE WELDING FUME EXTRACTOR

MOBIFLEX® 200-M and 400-MS



## Mobile convenience

The Mobiflex® 200-M and 400-MS are low vacuum systems for welding fume extraction and filtration. Their size and mobility make them ideal for smaller manufacturing facilities that require light to medium duty welding fume extraction<sup>(1)</sup> in variable locations.

### Packed with features

- Generous airflow – 1250m<sup>3</sup>/h with LFA 3.1/4.1 extraction arm <sup>(2)</sup>.
- Front casters and rear wheels – provide mobility.
- Low noise operation – 69 dBA.
- Internal spark arrestor – also functions as a pre-filter for larger-sized particulate.
- Choice of filter types – cellulose or high efficiency cellulose / polyester.
- Optimal motion and reach for work area – choose from a variety of extraction arm models or select a hose/hood set.
- One-year warranty (30 day warranty on filter) 200-M Model
- Filter status indicator – visual guide to remaining filter life.
- Large filter capacity – 50m<sup>2</sup> 400-MS Model
- RotaPulse® automatic cleaning system – simplifies filter maintenance.
- Large filter capacity – 30m<sup>2</sup>

<sup>(1)</sup> Not suitable for use with cutting or arc gouging operations.

<sup>(2)</sup> CFM level is dependent upon arm length, fan type and system maintenance.

### Processes

Stick, TIG, MIG, Flux-Cored <sup>(1)</sup>

### Input



### Product Number

7022110700 Mobiflex® 200-M

7045400700 Mobiflex® 400-MS

### What's included

- Filter
- Flexible hose for connecting extraction arm
- Factory-installed transformer relay kit
- 6m input power cord.

### What's required

- Extraction arm or hose / hood set
- Compressed air, 90-100 psi (Mobiflex® 400-MS only)

## SPECIFICATIONS

Product Name	Product Number	Filter Type / Filter Size	Input Power Voltage / Phase / Hertz	Input Current	Extraction Capacity	H x W x D in mm	Net Weight in kg
Mobiflex® 200-M Base Unit	7022110700	Cellulose 50m <sup>2</sup>	240/1/50	10A	1,250m <sup>3</sup> /h	900 x 810 x 1,210	90
Mobiflex® 400-MS Base Unit	7045400700	Cellulose 30m <sup>2</sup>			1,250m <sup>3</sup> /h	1,220 x 800 x 1,200	143

The Lincoln Electric Company (Australia) Pty. Ltd.  
35 Bryant Street Padstow NSW 2211 Australia  
Ph: 1300 728 720 [AU] | 0800 728 720 [NZ]  
[www.lincolnelectric.com.au](http://www.lincolnelectric.com.au)

**LINCOLN®**  
**ELECTRIC**  
THE WELDING EXPERTS®

### Mobiflex® 200-M Filter System

The LongLife filter in the Mobiflex® 200-M has a surface area of 50m<sup>2</sup>, making it one of the largest disposable filter cartridges in its class. The combination of filter size and unique 3D-pleated structure results in higher filter efficiency, longer filter life, and lower operational costs.

A filter status indicator located on the front of the Mobiflex® 200-M gradually moves from white to red as the filter becomes saturated with particulate, providing visual indication of when system maintenance and filter replacement is necessary. A washable aluminum pre-filter removes larger-sized particulate and provides spark entrapment.

### Mobiflex® 400-MS Filter System

The LongLife filter in the Mobiflex® 400-MS has a surface area of 30m<sup>2</sup>. The combination of filter size and wedge-shaped filter pattern results in higher filter efficiency, longer filter life, and lower operational costs.

Unique to the Mobiflex® 400-MS is an electronic pressure differential system for filter cleaning. The system measures static air pressure as it enters and exits the filter cartridge and if the air pressure entering the filter unit is greater than the air pressure exiting the filter unit by a set amount, the electronic circuit activates the filter cartridge cleaning system.

The RotaPulse® filter cleaning system uses compressed air released through multiple air jets to clean a section of the filter at each air burst. A complete cleaning cycle can also be activated by depressing a manual switch on the front of the control panel. Particulate blown off the filter cartridge settles into a plastic collection bin. When cleaning the filter cartridge is no longer effective, the electronic circuit will indicate a full filter cartridge by blinking the light on the front control panel.

### Extraction Arms

No matter if you are working in a small work station, under a low ceiling, or in a large fabrication area, one of Lincoln Electric's fume extraction arms is right for you. The flexible extraction arms are built the Lincoln way—rugged and reliable. Low vacuum extraction arms are designed for high volume/low velocity air movement and enable the arm to be positioned at a distance of 152-304mm from the welding fume source. The arms provide welders optimal motion and reach for their specific welding position(s) and work area.

The arms come equipped with a 360° rotatable hood for optimal positioning allowing a larger work envelope with less repositioning of the arm and increased operator visibility. With the extraction arm correctly positioned, the welding fume particulate can be effectively drawn away from the operator's breathing zone, as well as eliminate the residual fume particulate that often rises and hovers within the facility.

With a unique spring-balanced internal mechanism, Lincoln Electric's fume extraction arms provide a long-lasting, user-friendly solution. The extraction arm's external shell is made of solid, lightweight dent and scratch resistant tubing. Incorporated into the arm is an airflow throttle valve and extraction focus spoiler.

Some models include a clear halogen lamp and automatic start/stop feature. With the use of an arc sensor, the system automatically starts and stops the fan unit, providing hands-free operation and energy conservation. All this combined provides a highly effective system with maximum efficiency and minimal disruption to welder productivity.



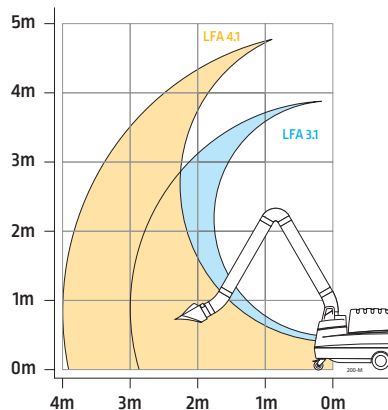
Mobiflex® 200-M Filter



Filter shown inside Mobiflex® 200-M (cover removed)



Rotatable Hood



Mobiflex® 200-M and 400-MS Reach



Internal view of Mobiflex® 400-MS showing RotaPulse® self-cleaning filter mechanism.

Accessories (200-M):	
SUS 5/203 Suction Hose Set c/w magnetic hood	7900068030
5m Exhaust/Extension Hose Set	7900068040
Replacement Filters (200-M):	
Aluminium Spark Arrestor	9820310110
Replacement filter cartridge 200-M	9850060050
Activated Carbon Filter	9850070060
Working Light and Auto Stop Options (200-M):	
WL Halogen Light (35w/24v)	7900010110
WI + AST Automatic Stop-Start	7900010190
Transformer Relay Kit	9820300030
NCW-4	9850031040
Accessories (400-M):	
SUS 5/203 Suction Hose Set c/w magnetic hood	7900068030
5m Exhaust/Extension Hose Set	7900068040
Replacement Filters (400-M):	
Aluminium Spark Arrestor	9820310110
Replacement filter cartridge 400-M	9850060050
Working Light and Auto Stop Options (400-M):	
WL Halogen Light (35w/24v)	7900010110
WI + AST Automatic Stop-Start	7900010190
NCW-4	9850031040

#### CUSTOMER ASSISTANCE POLICY

Lincoln Electric® business is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric® for advice or information about their use of our products. We respond to our customers based on the best information in our possession at that time. Lincoln Electric® is not in a position to warrant or guarantee such advice and to the extent permitted by law assumes no liability, with respect to such information or advice. As a matter of practical consideration, we also cannot assume any responsibility for updating or correcting any such information or advice once it has been given. The provision of information or advice does not create, expand or alter this warranty. Lincoln Electric® is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric® is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric® affect the results obtained in applying this type of fabrication methods and service requirements.

Subject to Change – This information is accurate to the best of our knowledge at the time of printing.

**The Lincoln Electric Company (Australia) Pty. Ltd.**  
35 Bryant Street Padstow NSW 2211 Australia  
Ph: 1300 728 720 (AU) | 0800 728 720 (NZ)  
[www.lincolnelectric.com.au](http://www.lincolnelectric.com.au)

Mobiflex Mobile Fume | 08/18 | © The Lincoln Electric Company (Australia) Pty Ltd | All Rights Reserved.

**LINCOLN®**  
**ELECTRIC**  
THE WELDING EXPERTS®