



# DRAFTMAX



The new generation  
of downdraft tables



## **WHY FUME EXTRACTION IS IMPORTANT...**

Welding fumes, grinding dust, oil mist: the metal industry produces all sorts of contamination. Welders, in particular, are exposed to situations that pose a health risk. It is essential to create healthy and safe working conditions by reducing these risks.

Protective measures are an important aspect of this. So important, in fact, that strict international standards have been established to regulate them. Welding fumes and grinding dust must be dealt with effectively by means of professional extraction and filtration. This ensures that workers feel better, enabling them to perform better. The result is higher productivity and less sick leave.

## **DRAFTMAX REDUCES EXPOSURE TO WELDING FUMES AND GRINDING DUST TO A MINIMUM**

Plymovent has developed a new generation of downdraft tables: DraftMax. Distinguishing aspects of the design are powerful extraction, reliability and safety. It features a robust design, surprising simplicity of maintenance and markedly quiet operation.

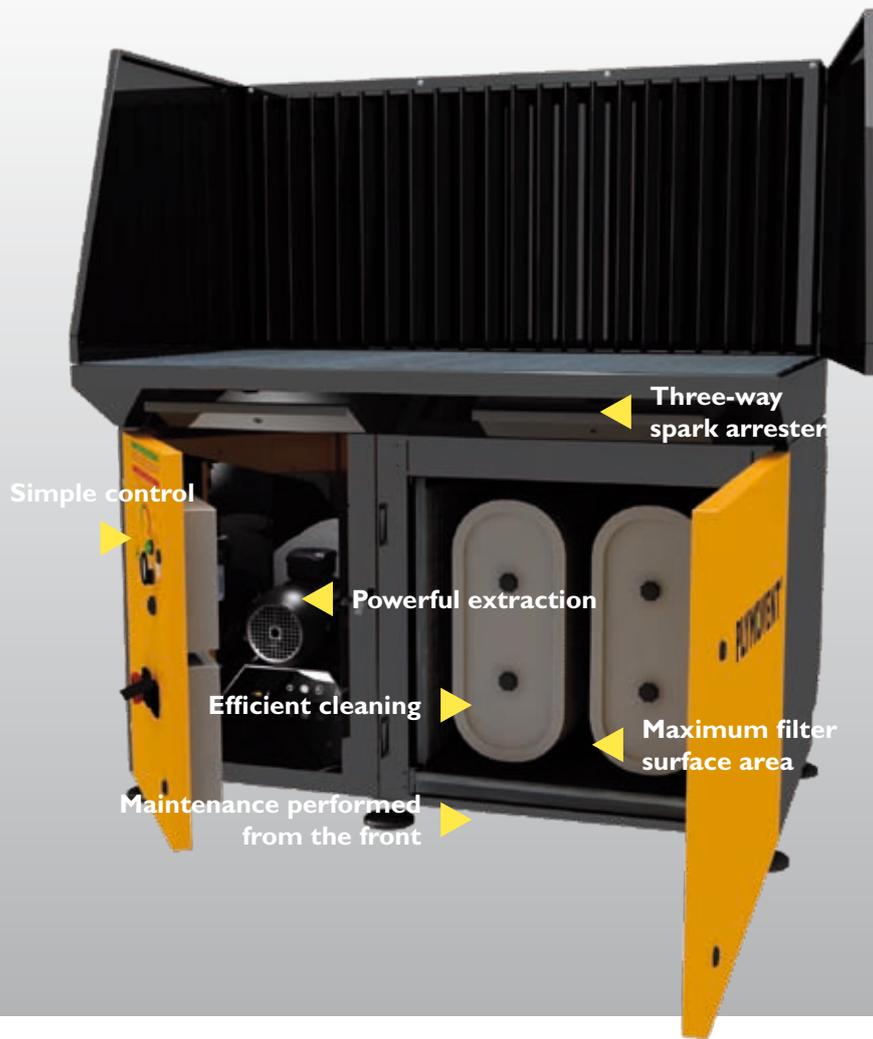
The innovative design renders safety concepts into reliable, practical solutions for extraction and filtration of welding fumes and grinding dust. These solutions easily meet all international standards. Other notable aspects of DraftMax are the low maintenance costs and the long filter life. Thanks to DraftMax, working safely was never so simple.

## **WORKBENCH WITH INTEGRATED EXTRACTION**

DraftMax is a workbench and an extraction/filtration system in one. It extracts smoke and dust from welding and grinding processes through the surface of the workbench and then filters them from the air. This removing hazardous smoke and dust from the breathing zone of the welder and those around him. DraftMax can be placed anywhere, even inside a welding booth.

## **ADVANCED FILTER DESIGN**

DraftMax (excl. Eco model) includes two oval filters. The choice for this shape makes it possible to place the largest possible filters in the available space. The downdraft table also includes an innovative three-way spark arrester for optimal safety.



## OPTIONS

The downdraft table can be expanded with the following accessories:

- **Automatic start/stop** (moving sensor or inductive sensor)
- **Backdraft kit** (compulsory for welding applications)
- **Hinged side panels** (recommended for welding and grinding applications)
- **Bench vice mounting bracket**
- **Back panel** (recommended for grinding applications)
- **Working light**
- **HEPA 12 kit** (compulsory for stainless steel welding)
- **Wheel kit**
- **Silencer**



Automatic start/stop



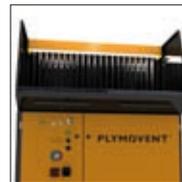
Backdraft kit



Hinged side panels



Wheel kit



Working light



Silencer



HEPA kit

## ADVANTAGES

- High extraction capacity
- Optimal safety
- Quiet operation
- Long filter life
- A solution for every situation
- Maintenance friendly
- Automatic start/stop

**DraftMax** is available in four different versions, geared to your specific requirements.

You prefer a centralised filtration system.

**DraftMax Eco** is a downdraft table with an integrated spark arrester, but with no internal filter, intended for connection to a central filter system.

Your welding or grinding frequency is normal.

**DraftMax Basic** is a downdraft table with a filter surface of no less than 52 m<sup>2</sup>. This guarantees high filter performance and a long filter life. This keeps the operational costs of the filter system low.

Your welding or grinding frequency is intensive.

**DraftMax Advance** is a downdraft table with a filter surface of no less than 52 m<sup>2</sup> and a self-cleaning filter system in which filter

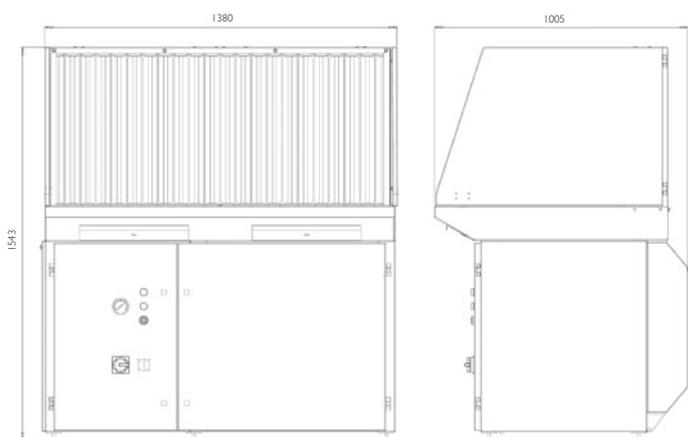
sections are periodically blasted clean with compressed air pulses. Even with intensive use, the extraction power remains constant. The filters are cleaned in sequence, which results in more effective cleaning. The cleaning mechanism is operated manually by a push button.

Your welding or grinding frequency is intensive. You prefer optimal ease of operation or want to expand the downdraft table with an automatic start/stop.

**DraftMax Ultra** works in the same manner as the Advance. The difference is that the cleaning mechanism is activated automatically when the pressure differential across the filter reaches a certain value. In addition, the presence of pressurised air is permanently monitored. The filter cleaning mechanism is also activated automatically when the fan is switched off (offline cleaning).



## TECHNICAL SPECIFICATIONS



Dimensions (L x W x H):	1380 x 1005 x 920 mm
Dimensions working grid (L x W):	1366 x 750 mm
Noise level:	74 dB(A) without options 69 dB(A) with silencer 67 dB(A) with silencer and HEPA kit
Connection voltage:	400V/3~/50Hz
Power:	2.2 kW
Weight:	245 kg (DraftMax Basic) 255 kg (DraftMax Ultra and DraftMax Advance)
Workload:	200 kg with wheel kit: 150 kg
Filter surface area:	2 x 26 m <sup>2</sup>
Filter efficiency:	> 99.9% (filter class: M)
HEPA filter class:	11
Extraction capacity:	2500 m <sup>3</sup> /h

## PLYMOVENT®

clean air at work

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## COMPLETE SYSTEM

A DraftMax Eco table can be connected to the product range of fans, filters and control equipment of Plymovent. A system of Plymovent enables you to get fully automatic control of our products in the most efficient way, saving you money and bringing you clean air at work.

*Plymovent cares about the air you breathe. We deliver products, systems and services which ensure clean air at your work environment, anywhere in the world.*

*Our expertise gained over many years, high-quality products and genuine commitment to customer requirements enable us to provide precisely the solutions you need.*