

## Modular Welding Fume Extraction System *DUSTMAC F*



DUSTMAC F

### Application Range

- » Central systems with multiple extraction locations
- » Large extraction hoods or cells, e.g. robotic welding stations
- » All types of steel



Test certificates (optional)



### Special Versions

- » IFA-Test Certificate W3 for high-alloy metals
- » Pipe pre-separator
- » ATEX-version
- » **Special Control cabinet series**
- » Custom paint finish



Central welding fume extraction system DUSTMAC F in the chemical industry

### Special Features

- » Control cabinet series Basic or Comfort
- » Pulse-jet filter cleaning system
- » Cleanable long life cartridge filters (Dust classification M)

### Your Benefits

- » High performance welding fume extraction from multiple locations, from welding cells or from large extraction hoods
- » Customer specific design of the system
- » Modular for future expansion
- » Low operating costs with cleanable long life filter cartridges

Data dependent on equipment type

### Technical Data

| DUSTMAC                     |                   | F-42                        | F-84                        | F-84                        | F-126                       | F-189                       |
|-----------------------------|-------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Max. Airflow                | m <sup>3</sup> /h | 3.500                       | 7.800                       | 9.700                       | 10.300                      | 14.000                      |
| Intake/outlet diameter      | mm                | 224/300                     | 280/400                     | 315/450                     | 355/500                     | 450/560                     |
| Max. negative pressure      | Pa                | 2.600                       | 3.800                       | 3.800                       | 4.400                       | 4.800                       |
| Voltage                     | V                 | 400                         | 400                         | 400                         | 400                         | 400                         |
| Motor                       | kW                | 3.0                         | 5.5                         | 7.5                         | 11.0                        | 15.0                        |
| Filter surface              | m <sup>2</sup>    | 42                          | 84                          | 84                          | 126                         | 189                         |
| Filter elements             | Pieces            | 2                           | 4                           | 4                           | 6                           | 9                           |
| Dust collection container l |                   | 50                          | 50                          | 50                          | 50                          | 50                          |
| Dimensions (L/W/H)          | mm                | 1.300<br>x 1.039<br>x 3.250 | 1.400<br>x 1.350<br>x 3.410 | 1.400<br>x 1.350<br>x 3.410 | 1.820<br>x 1.450<br>x 3.860 | 1.850<br>x 1.900<br>x 3.910 |
| Weight                      | kg                | 440                         | 540                         | 540                         | 740                         | 880                         |
| <b>Order Number</b>         |                   | <b>663.042</b>              | <b>663.084</b>              | <b>663.085</b>              | <b>663.126</b>              | <b>663.189</b>              |