

## CRAWLAIR M – MOBILE CARTRIDGE FILTER

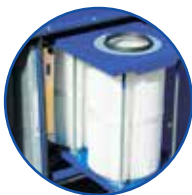
Crawlair M mobile cartridge filter is designed to exhaust and filter dry impurities like fume or dust at various industrial processes (especially at welding, grinding, polishing, cutting of metals or plastics). Crawlair M is equipped with metal mesh spark trap pre-filter and two high efficiency (99% at 1µm) polyester filter cartridges which are washed with built-in manual (optional timer controlled) compressed air cartridge cleaning system (10 litre tank built-in). Thanks to large rear wheels, two swivel casters with brakes and pull handle moving with Crawlair around work area is easy and simple. Oskar 160 fume arm models or Econ 160 hose arms are recommended for at-source fume capture. Additional front air inlet allows connections to other production equipment. As an option Crawlair unit can be equipped with automatic start/stop function and LED light for Oskar fume arms.

### APPLICATION

- dry dusts or fumes capture and filtration especially at welding, grinding, cutting and many more processes (excluding corrosive, chemically aggressive and flammable gaseous mixtures)
- ideal for retrofitting and upgrading production equipment with small dimension dust and fumes collecting system

### CONSTRUCTION

- aluminium impeller 1,1 kW fan unit
- two filtration stages
- built-in standard compressed air cartridge cleaning system
- 10 litre compressed air tank
- standard waste and dust drawers
- easy filter module maintenance and exchange
- 2 swivel casters with brakes
- heavy duty welded and powder coated construction
- works with Oskar and Econ 160 fume arm models
- additional inlet on the side



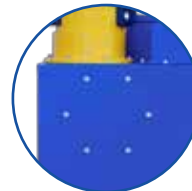
simple to maintain filter module



practical top surface



built-in compressed air cartridge cleaning system



extra air inlet on side wall



backward inclined blade radial impeller fan unit

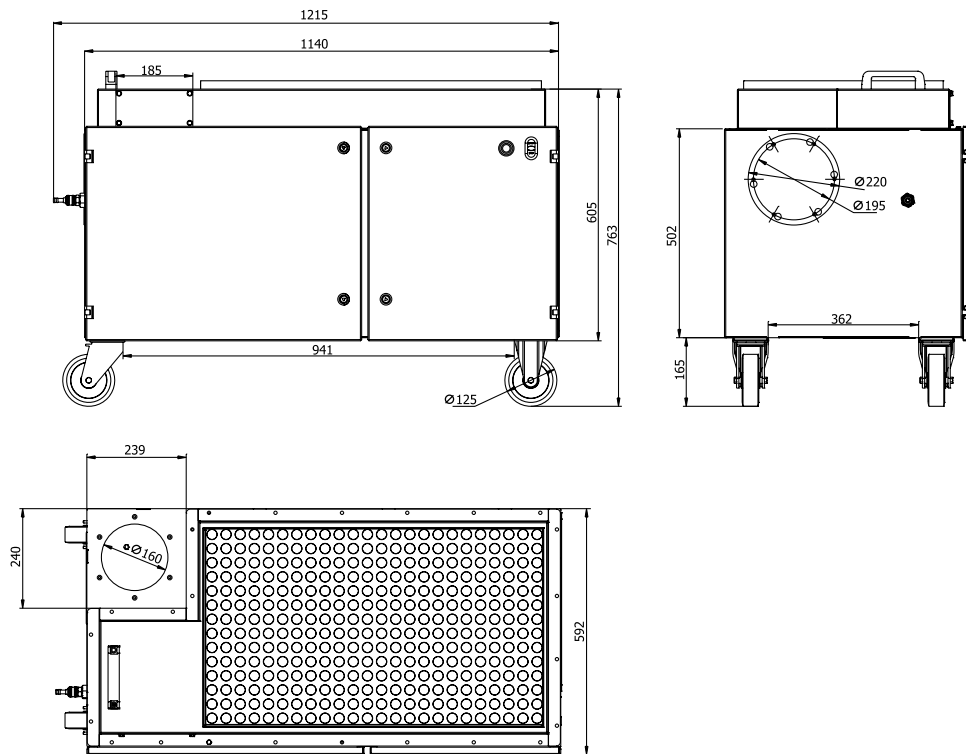
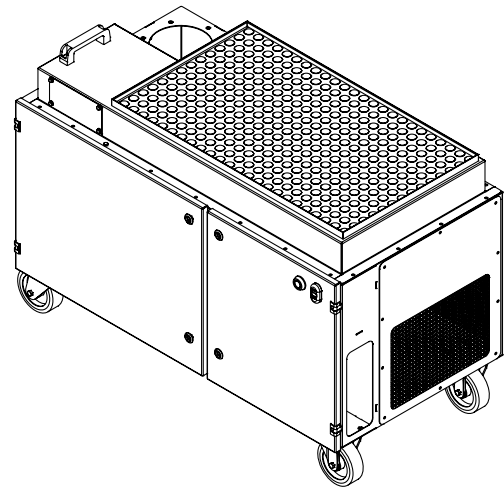


power cable compartment

2016-05-12

## TECHNICAL DATA

Airflow	1000 m <sup>3</sup> /h
Fan	1,1 kW
Fan rotation speed	2800 RPM
Standard power supply	3x 400 V +N+PE / 50 Hz, AC
Current Rating	2,7 A
Weight without arm	110 kg
Noise level	72 dB(A)
Filtration efficiency	99% @ 0,5 µm
Pre-filter	metal mesh
Main filter	2 x cartridge filter (12 m <sup>2</sup> )



All diameters are given in mm

## CRAWLAIR M – MOBILE CARTRIDGE FILTER

303100017 Mobile cartridge filter unit Crawlair, nominal airflow 1000 m<sup>3</sup>/h. Including metal mesh spark trap, 2 main polyester cartridges, motor 1,1 kW, 400 V, 50 Hz, 10 l compressed air tank, manual compressed air cleaning for main cartridge regeneration.

## CRAWLAIR M – ARMS AND OPTIONS

W02-01-1617P	Oskar fume arm 1617P, reach 1,7 m, hood inlet Ø315 mm
W02-01-1620P	Oskar fume arm 1620P, reach 2 m, hood inlet Ø315 mm
W02-01-1630P	Oskar fume arm 1630P, reach 3 m, hood inlet Ø315 mm
W02-HA-1620P	Hose arm 2 m, hood inlet Ø315 mm
W02-HA-1630P	Hose arm 3 m, hood inlet Ø315 mm
P02-80-0101	MOD-L - light kit option with transformer for one Oskar arm
P02-80-0102	MOD-A + ZAR-A - light kit and automatic (welding arc triggered) fan start/stop option for one Oskar arm
P02-80-0301	TC-1 - timer controlled compressed air cleaning operation

## CRAWLAIR M – SPARE PARTS

240006	Polyester cartridge
240007	Metal mesh spark trap
M03-23-0004	Swivel caster with brake 125
M03-23-0013	Fixed wheel 125