



DM1200

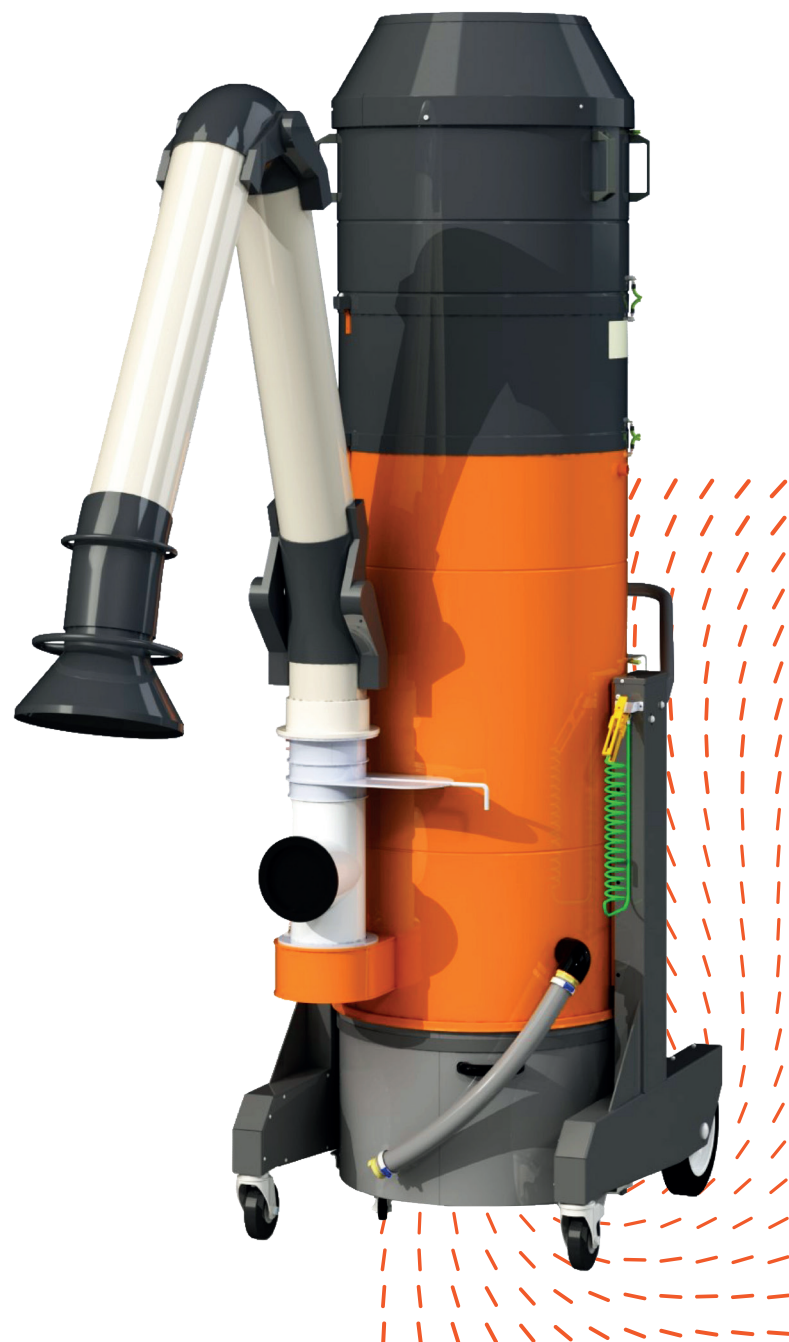
The Kiekens Dustmaster DM1200 series is designed to quickly and effectively extract (fine) dust. By application of the Kiekens K-series modular concept, the Kiekens Dustmaster DM1200 series can be deployed widely. For example by connecting it as a stationary filter unit to a central dedusting system or as a mobile filter unit to extract dust at the source. The optional Kiekens extraction arm can be used for this purpose. The 5.8m² bag filter guarantees capacity for a longer period of time so you can work without interruptions. During operation, the degree of filter contamination can be monitored by the standard-fitted pressure gauge to determine when the filter should be cleaned. The filter can be easily

cleaned through the ergonomically positioned manual filter shaker. The dust is collected in a mobile 120L dust container, which can optionally be fitted with a waste bag.

Jet-pulse version:

The DM12144 is suitable for continuous operation and high dust concentrations without drop in suction power because of the jet-pulse filter cartridges using one jet-pulse valve per filter cartridge. Compressed air consumption is kept to reduce to a minimum through the use of an adjustable filter controller that always allows the right balance between performance and per air consumption can be found. Optionally, a remote control and dp control can be connected.

'The Kiekens Dustmaster DM1200 series is designed to quickly and effectively extract (fine) dust.'



Robust steel construction



Hepa filter optional



Built-in pre-separator



Low noise level



Long lifespan



Dutch product



Mobile



ATEX



Kiekens extraction arm


- 180° working area for the Dustmaster
- Hood easily 90° positionable in all directions through ring handle
- Air volume adjustable
- Air guide in hood for even suction
- Range 2 or 3 metres, depending on version
- External hinges for low air resistance and noise level
- Stainless steel version optionally available

The advantages:

- Proven Kiekens technology
- Kiekens K-series concept modular construction
- Robust steel construction
- Available in stationary or mobile version
- Low floor space requirement
- Generously sized 5.8m dirt-repellent Teflon-coated bag filter or 14.4m² jet-pulse cleaned cartridge filter

- Dust class as standard 'M', average passage < 0.1%
- Built-in cyclone separator
- Dust discharge through of generously sized 120L dust container on castors
- Reliable and low maintenance
- Suitable for continuous operation (jet-pulse)
- Dutch quality product

The options:

- Mobile or stationary
- Kiekens extraction arm, length 2 or 3 metres
- Automatic filter cleaning
- HEPA filter: 10m² HEPA filter module equipped with indicator for filter condition monitoring.
- Certified ATEX version for dust (zone 22)  II 3D IIIC T135°C
- ATEX version with explosion relief (only stationary version)

DM1258

DM12144

Engine power (kW)	2,2	2,2
Maximum vacuum (Pa)*	2.150	2.150
Air displacement maximum (m ³ /h)*	1.750	1.750
Power supply (V/n/Hz)**	400 / 3 / 50	400 / 3 / 50
Degree of protection (IP)	55	55
Protection class	I	I
Electrical connection	10m cable with 16A 5P CEE plug	10m cable with 16A 5P CEE plug
Electrical protection	Motor Starter with thermal, short circuit protection and phase sequence indication	Motor Starter with thermal, short circuit protection and phase sequence indication
Filter cleaning	Manual filter shaker	Automatic jet-pulse filter cleaning
Filter principle	Bag filter	Cartridge filters
Main filter area (m ²)	5,8	14,4
Main filter permeability (%)	< 0,1	< 0,1
Filter class according to EN60355-2-69	M	M
HEPA filter surface area (m ²)	10	10
HEPA filter permeability (%)	< 0,005	< 0,005
Filter class according to EN1822	H14	H14
Dust container capacity (L)	120	120
Inlet diameter (mm)	160	160
Weight without / with HEPA filter (kg)	205 / 225	217 / 237
Noise level (dB(A))***	75	75
Dimensions L x W x H (mm)	1.009 x 818 x 2.058	1.009 x 818 x 2.342
H for version with HEPA filter (mm)	+330	+330
Required compressed air pressure	n.a.	3.5 - 4.5 barg
Compressed air consumption (Nm ³ /h)	n.a.	ca 0,5

*Measured at the inlet **Other voltages/frequencies on request ***Measured at 1m distance under free field conditions