CTM 48 EI

Mobile dust extractor | CLEANTEC | Dust class M

High-capacity mains-powered dust extractor for professional workshop and construction use. Bluetooth tool activation, FlowDetect airflow monitoring and a 48-litre container support sustained dust management.

TECHNICAL SPECIFICATIONS

Article number	577927
Dust classification	M (suitable for applicable dust with occupational exposure limit > 0.1 mg/m³)
Power consumption	350–1,200 W
Maximum airflow	3,900 l/min
Maximum vacuum	24,000 Pa
Main filter surface	6,318 cm²
Container / filter bag	48 / 46 litres
Dimensions (L × W × H)	740 × 406 × 1,005 mm
Weight, without accessories	16.1 kg
Transport weight, with accessories	24.2 kg
Mains cable length	7.5 m
Maximum appliance socket load	2,400 W (market-specific rating; verify locally)
Sound pressure level	71 dB(A), K = 3 dB

CONTROL AND CONNECTIVITY

Five selectable suction levels; touch control panel; automatic tool socket for compatible mains-powered tools; integrated Bluetooth for compatible battery packs or optional remote control; Festool app connectivity.

Features & applications

DUST MANAGEMENT AND SAFETY

FlowDetect: Monitors airflow and issues a warning if air speed drops below 20 m/s. Select the dust extractor class and accessories required for the specific dust and workplace rules.

Antistatic hose: Smooth, tapered hose with antistatic functionality and bayonet tool connection. Integrated hose holder and cable storage support orderly transport.

Wet collection: Supported with appropriate wet filter and configuration. Follow the operating instructions before switching between dry and wet extraction.

Filter cleaning: This CTM 48 EI variant does not have AUTOCLEAN automatic main-filter cleaning. Do not confuse the SELFCLEAN filter bag with an automatic filter-cleaning system.

TYPICAL APPLICATIONS

Dust extraction from compatible sanding, sawing, routing and drilling equipment; workshop clean-up; professional wood and mineral dust extraction where dust class M is suitable. The 48-litre container and push handle make the extractor practical for higher-volume work.

SCOPE OF DELIVERY — ARTICLE 577927

Main filter	HF-CT 26/36/48
Filter bag	SELFCLEAN filter bag
Suction hose	D 27/32 × 3.5 m-AS/CTR
Additional components	End cap for intake adapter; SB-CT 48 push handle

MODEL DISTINCTION

Compared with the CTM 36 EI, the CTM 48 EI provides a 48-litre container rather than 36 litres. For automatic main-filter cleaning, see the separate CTM 48 EI AC variant.

Source: Festool CTM 48 EI product page, article 577927 (festool.com). Specifications and package contents may vary by market. This is an independently prepared summary, not a manufacturer-issued technical data sheet.