



MTL 4533 Z2/22 - ATEX EXPLOSION PROOF



ELECTRONICS



PACKAGING



COFFEE, TEA, TOBACCO PROCESSING



TEXTILE



- ✓ Pressure relief valve for motor protection
- ✓ Low noise level
- ✓ Compact and mobile
- ✓ Reduced downtime of machine tools
- ✓ High filtration efficiency
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Compliant with EN 17348: DRY TYPE
- ✓ Side Channel Blower and control switch box ATEX certified category 3GD for Z22 and Z2



SUCTION UNIT

Power	kW	3
Electrical protection	IP	65
Max water lift	mmH ₂ O	3.200/2.700
Max air flow	m ³ /h	318
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	69
Marking	II 3D Ex h IIIC T135°C Dc - II 3G Ex h IIB + H2 T4 Gc	
Atex zones	3D (20 int / 22 ext) 3G (2 int/ 2 ext)	



FILTER UNIT

Filter Type	Star
Cleaning system	Manual



COLLECTION UNIT

Capacity	l	45
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VOLUME

Dimensions	cm	58x93x116h
Weight	kg	85



SUCTION UNIT

The suction unit is a side channel blower, with direct coupling between the motor and the impeller fan. It designed without any transmission system, and is therefore silent, totally maintenance free and suitable for continuous duty operations.

The suction unit is ATEX certified.



FILTER UNIT

A vacuum gauge enables to check constantly the state of the filter and detect possible clogging, warning the operator that the filter must be cleaned.

The large surface star antistatic filter, located inside the filter chamber, is made of polyester and provides high resistance against clogging and passage of fine dust.

It is possible to clean the filter using an integrated mechanical system: an external lever shakes the filter vertically and enables to clean the filter thoroughly and safely, maintaining constant suction performance and preventing any dispersion of dust in the environment.



COLLECTION UNIT

The unit is manufactured with thick painted steel for improved sturdiness and long-lasting lifetime