

# TB 18 M INDUSTRIAL VACUUM





POWER 1,8 kW - 2,4 HP



APPLICATION
Powders, solids and shavings



CAPACITY 45Lt



### **FEATURES**

- Suitable for continuous work, 24 hours a day, 7 days a week
- High filtration capacity and efficiency

- Sturdy painted steel construction
- Multiple construction options available

# HIGHLIGHTS



#### **SUCTION UNIT**

The suction unit is a side channel blower with direct coupling between motor and impeller. The turbine is equipped with a safety valve to ensure continuous, maintenance-free operation. A metal silencer is included as standard in the turbine to ensure a low noise level.



#### **FILTER UNIT**

Filtration is provided by a polyester star filter in class M (filtration efficiency 1 micron) with a high filtering surface area, which guarantees the passage of air even with a dirty filter.



#### FILTER CLEANING SYSTEM

An ergonomic manual filter shaker allows the filter to be cleaned easily and quickly, removing dust and debris from the surface of the filter.



#### **COLLECTION UNIT**

The material is collected inside a coated bin complete with a handle that allows it to be released. Thanks to the 4 sturdy pivoting wheels, the container can be moved with ease and the collected material can then be disposed of.

# **TECHNICAL DATA**

MOTOR	
Typologies	Side channel blower
Power	1,8 kW - 2,4 HP
Frequency	50/60 Hz
Voltage	230 V
Vacuum in continuous run	230 mBar
Maximum air flow	240 m3/h
Insulation class	55   F IP
Noise level	74 dB(A)

MACHINE	
Suction inlet	70 Ø mm
Collection system	Steel container
Capacity	45 Lt
Dimensions	550 x 620 mm
Height	1353 mm
Weight	50 Kg
Safety valve	Pressure relief valve

#### **FILTRATION**

Primary filter type	Star
Filter surface	15000 cm2
EN 60335-2-69 filtration class	М
Media	Polyester
Filter Cleaning System	Manual



# **FEATURES**



**VACUUM GAUGE** 

Vacuum gauge for indication of filter clogged or in need of replacement



**POWER SUPPLY CABLE** 



DEFLECTOR

Internal deflector to protect the filter



**PUSH HANDLE** 



PLUG

3-pin industrial plug



WHEEL WITH BRAKE

Non-marking wheel with integrated brake



WHEELS

Non-marking pivoting wheels



STEEL CONSTRUCTION

Rugged industrial coated steel construction



PRV

Pressure relief valve installed



# **OPTIONS**

# **AVAILABLE FILTER MEDIA**



HEPA 14 Absolute filter (EN 1822) 22.000 cm² filter surface H14 Class Filter (EN 1822) Glass fiber



PTFE ANT Antistatlc PTFE filter (M class EN 60335-2-69)



PTFE
PTFE Filter (M class EN 60335-2-69)



**NOMEX** 250° Celsius resistant filter



MTF
Teflon filter (M class EN 60335-2-69)



**ANT M**Antistatic filter (M class EN 60335-2-69)



# **STRUCTURE AND OPTIONS**

60<sup>®</sup>HZ

**60HZ** 

Available in 60Hz version



**3 YEARS WARRANTY** 

Purchasing the replacement filter along with



ATEX CERTIFICATION



BX

Stainless steel bin AISI 304



GX

Stainless steel bin and chamber AISI 304



AB

Accessories basket



GRD

Grounding



KDP

Differential pressure KIT for bag



FLT

Floater device



# **ACCESSORIES**



#### P13638 Starter kit Ø 40mm

Basic kit containing specific accessories for 40 mm diameter solids and liquids vacuuming



#### P12350

#### STARTER KIT Ø 50MM

Basic kit containing specific accessories for 50 mm diameter solids and liquids vacuuming



#### P13639

#### WET & DRY KIT Ø 40MM

 $Kit containing \, specific \, accessories \, for \, 40 \, mm \, diameter \, solids \, and \, liquids \, vacuuming$ 



#### P11887

#### WET & DRY KIT Ø 50MM

 $Kit\ containing\ specific\ accessories\ for\ 50\ mm\ diameter\ solids\ and\ liquids\ vacuuming$ 



#### P13640

#### DRY KIT Ø 40MM

Kit containing specific accessories for 40 mm diameter dust and solids vacuuming



#### P12348

#### DRY KIT Ø 50MM

Kit containing specific accessories for 50 mm diameter dust and solids vacuuming



#### P13970

#### ARTICULATED SUCTION ARM D70

Flexible PVC suction arm, retrofittable on existing models - 1.2 mt length - d70