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## Dust Extraction Filter for Truck Mixer in Dry Batch Concrete Plants

**DRYBATCH® R01**



# Dust Extraction Filter for Truck Mixer in Dry Batch Concrete Plants DRYBATCH® R01

DRYBATCH® R01 has been developed for the aspiration of the dusty air generated during the truck concrete mixer loading phase.



## Features

- The installation do not require special foundations
- The front door, supported by robust hinge, allow free and easy access at the filter element, reducing the maintenance time.
- The filter element geometry and the positioning inside the structure result in smaller dimensions than conventional bag dust collectors.



- Filter elements available from after market
- Easy handling of filter elements
- Compressed air consumption: 210 l/min
- Replacement of filter element from the frontal door
- Cleaning pipes integrated into front door



## Benefits

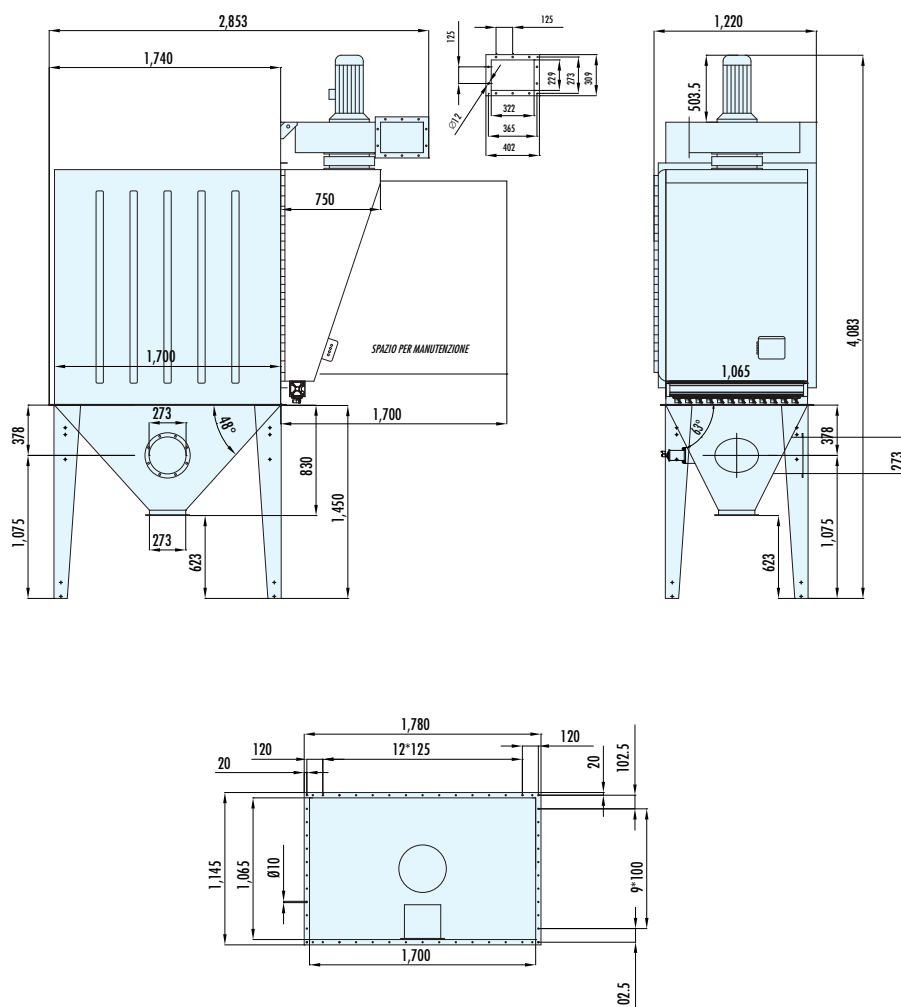
- OPERATION AND MAINTENANCE COSTS REDUCTION
- LOWER ENERGY CONSUMPTION
- HIGHER WORKERS SAFETY LEVEL
- LONG LIFE

DUST EMISSION  
< 10 mg/Nm<sup>3</sup>



COMPLIANCE WITH  
HEALTH AND SAFETY  
STANDARD

## Technical Performances

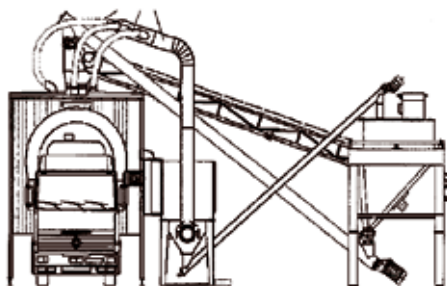


POLYGONAL FILTER	Horizontal
FILTER ELEMENT	Pocket
FILTER SURFACE	54 m <sup>2</sup>
FILTER MEDIA	Polyester felt 500 gr/m <sup>2</sup>
CLEANING SYSTEM	Reverse air jet (min. 5 - max. 6 bar)
TIMER	Electronic multivoltage 24 V - 260 V DC/AC 50/60 Hz
SOLENOID VALVE NUMBER	12
DIFFERENTIAL PRESSURE DEVICE	Electronic with display and exit 4-20 mA
FAN	11 kW
FAN MAXIMUM AIR CAPACITY	6,000 m <sup>3</sup> /h
BODY AND DOOR MATERIAL	STAINLESS STEEL 304
SEAL FRAME MATERIAL	Mild steel powder painted RAL 7001

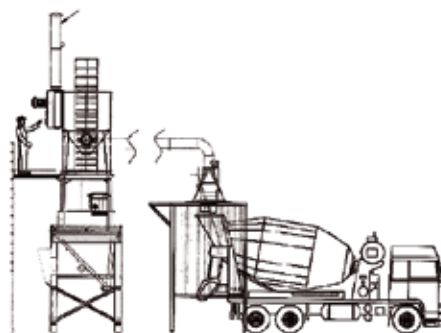
# Applications



GROUND INSTALLATION



WEIGH HOPPER INSTALLATION



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