

应用 / Application



06300249 DEC2015 保留最终修改技术规范的权力



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SILO Q1

料仓收尘机

Silo Venting Filters



料仓收尘机 SILO Q1

SILO Q1为多边形收尘机，用于气力输送料仓的通风口。采用碳钢筒体，椭圆形针刺毡滤袋垂直安装，喷气清洁系统和铰链固定防雨盖连成一体。

通过滤袋分离的粉尘，被反向脉冲清洁压力空气从滤袋表面清除，落回到料仓中。

SILO Q1因其标准化设计，应用于某些特定场合，如混凝土搅拌站，保持了简单高效优势。

SILO Q1 is a polygonally shaped dust collector for venting pneumatically filled silos. The painted carbon steel casing contains vertically mounted, felt pocket-type filtering elements. An air jet cleaning system is integrated in the hinged weather protection cover.

Dust separated from the air flow by the felt media drops back into the silo after an integrated automatic reverse air jet cleaning system inside the weather protection cover has removed it from the filter elements.

SILO Q1 is designed for defined standard applications, such as concrete batching plants, offering the combined advantage of high efficiency and easy maintenance.

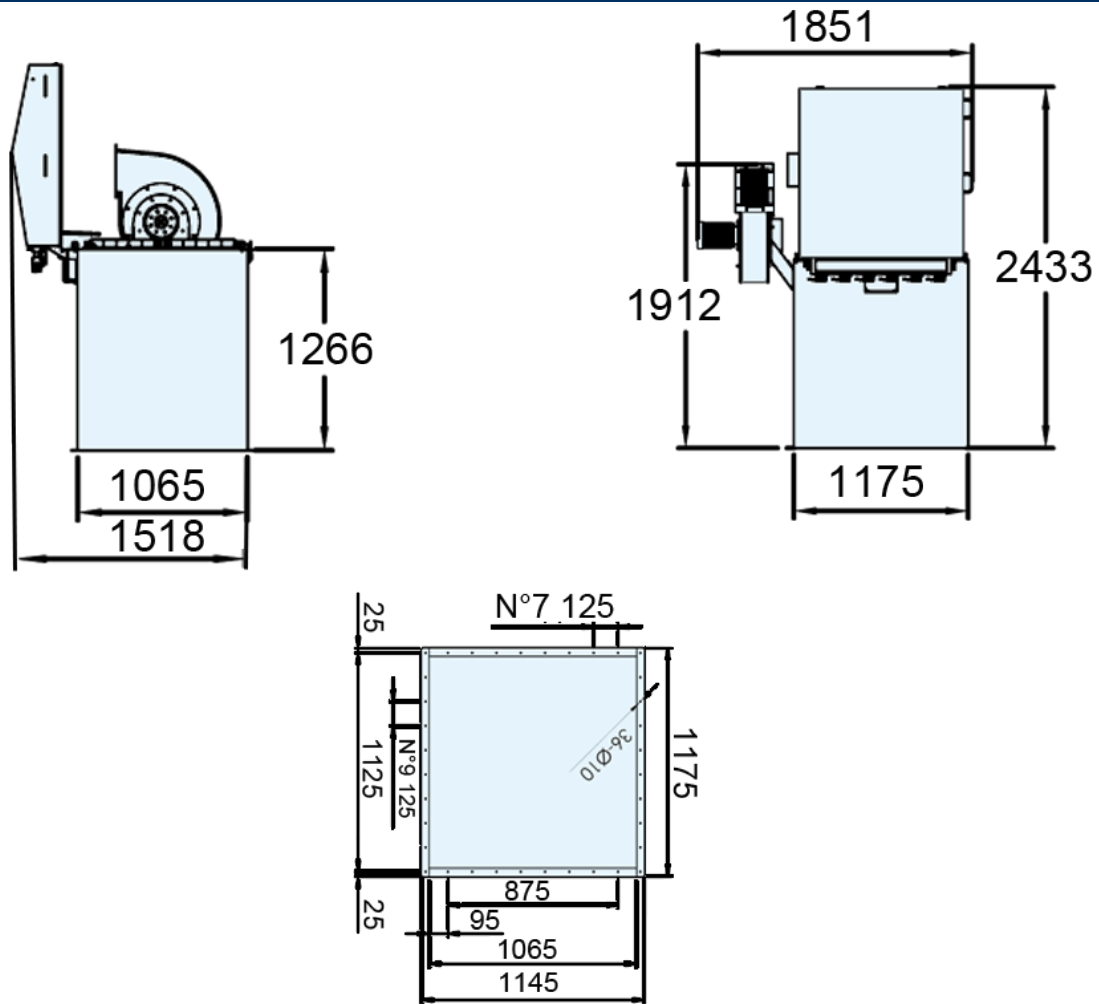
特性/Features

- 处理风量高达3,000M³/h;
- 焊接筒体及防雨盖结构牢固，设计紧凑;
- 模块式脉冲清洁系统;
- 根据粉尘浓度，清洁程序可调;
- 整机高度便于过滤元件维护;
- 常用零件保持和WAMFLO®互换性;
- 除尘器极限重量小于400公斤，免除仓顶结构的额外加强;
- High air flow volume of up to 3,000 m³/h
- Robust fabricated casing and cover in a compact design
- Modular air jet cleaning assembly
- Programmable cleaning process according to duty
- Reduced height ensuring easy maintenance of filter elements
- Common spare parts with WAMFLO® dust collectors
- Lightweight design (max. weight = 400 kg to avoid silo reinforcement)

优势/Benefits

- ▶ 新材料合理应用，有效减少装备重量;
- ▶ 椭圆形滤袋设计，有效增大单体面积，同时减短滤袋高度，提高滤袋清洁质量;
- ▶ 浸入式电磁阀使滤袋清洁高效可靠;
- ▶ 高全压值风机应用可以兼顾除尘器安装在地面用于料仓通风需要;
- ▶ Reduced weight due to lightweight materials employed;
- ▶ Special pocket design offering increased filtering surface area though reduced height, thus improving air jet cleaning efficiency;
- ▶ Immersed solenoid valves ensuring highly efficient, reliable air jet cleaning;
- ▶ High pressure suction fan ensuring filter can be installed on the ground for silo venting operation;

外形尺寸和技术参数 /Overall Dimensions and Technical Details



SILO Q1收尘机技术参数 Dust collector Technical features	
滤芯 Filter elements	袋式 Pocket-type
除尘面积 Filter surface area	30m ²
过滤介质 Filter media	涤纶针刺毡500g/m ² Felt woven 500g/m ²
清洁系统 Cleaning	反向喷气时压缩空气清洁 (5~6bar) Reverse air jet (5~6 bar)
计时器 Timer	支持多相电压制式 (24~260V AC/DC) Suits multiple voltage(24~260V AC/DC)
电磁阀数量 Number of solenoid valves	6
风扇 Suction fan	2.2kw
风扇风量 (200mm水柱时) Air flow (200 mm H ₂ O)	3000m ³ /h
机身材质 Casing material	碳钢 Carbon steel
重量 weight	400KG