

## ASPIBENNE MONOBLOC PN

### CHARACTERISTICS

#### MONOBLOC

**Applications :** Dust, liquids, solids  
**Power:** 7,5 kW / 11 kW / 12,5 kW / 18,5 kW  
**Capacity:** 500 ou 1000 L  
**Filter cleaning:** Pneumatic  
**Filter:** Antistatic filter cartridge  
**Filtration level :** 1 micron – Category M – Antistatic  
**Filter surface area:** 10 m<sup>2</sup>  
**Option :** HEPA Filter



Mobile chassis with 4 wheels

**Efficient Suction Unit:** The vacuum is equipped with a side-channel vacuum pump. The motor is designed for heavy-duty, continuous operation, offering quiet, powerful, and durable performance. It is rated IP55 and protected by a magneto-thermal switch providing reliable start and stop functions. Additionally, a vacuum-limiting valve ensures constant motor cooling for safe and efficient operation.

**Efficient Filtration:** This Aspienne is equipped with an antistatic filter cartridge featuring a 10 m<sup>2</sup> filter surface and 1-micron filtration efficiency, ensuring a high filtration standard. A pneumatic filter cleaning system with compressed air injection is included as standard.

**Optional:** An absolute HEPA filter (BIA-certified, 99.999% DOP efficiency at 0.3 micron) is available to capture even finer dust particles, guaranteeing clean, pure air output.

**Robust and Durable:** The painted steel container features a front-opening door for easy emptying of collected dust. Its reinforced construction allows it to withstand a vacuum level of 4,000 mmCE, ensuring reliability in demanding industrial environments.

## ASPIBENNE MONOBLOC PN ATEX Z22 3D

## ATEX VERSION

### CHARACTERISTICS

#### MONOBLOC

**Applications :** ATEX dust  
**Power:** 7,5 kW / 11 kW / 12,5 kW / 18,5 kW  
**Capacity :** 500 ou 1000 L  
**Filter cleaning :** Pneumatique  
**Filter :** Polyester filter cartridge  
**Niveau de filtration :** 1 micron – Category M – Antistatic  
**Filter surface area :** 10 m<sup>2</sup>  
**Options :**

- HEPA filter
- Explosion vent instead of HOERBIGER valve
- ATEX Z22-3D protected turbine



**Practical ATEX 3D Suction Unit:** The unit features a side-channel motor-turbine generating powerful vacuum. The motor is IP65-rated and electrically protected by a magneto-thermal switch, providing reliable start and stop functions. A vacuum-limiting valve ensures optimal operation by introducing air when needed, maintaining safe and efficient performance.

**ATEX Filtration Unit with HOERBIGER EVN320 Valve – Z20 Internal / Z22 External:** The Ø 650 mm filtration chamber is equipped with an antistatic Category M polyester cartridge filter, offering a 10 m<sup>2</sup> filter surface and 1-micron efficiency, ensuring a high filtration standard.

**Optional:** An explosion vent can replace the HOERBIGER valve for safe outdoor installation of the Aspienne.

**ATEX Collection Unit:** With a capacity of 500 or 1000 liters, collected particles are deposited into a reinforced, sealed hot-dip galvanized steel container. All metal parts are grounded for safety.

The collection unit is mounted on a monobloc chassis with antistatic wheels, allowing installation on a trailer or truck bed. Forklift sleeves enable easy handling and maneuvering of the Aspienne.