

## 2. LOCAL DUST COLLECTORS (P-SERIES)

### 2.6. P1500/KR5,5

#### DESCRIPTION

- box-shaped dust collector for dedusting of storage silos, belt conveyor transfer points, welding and cutting machines etc.
- equipped with dust hopper, support construction and rotary feeder

#### OPERATION QUALITIES

- flow rate 4000 m<sup>3</sup>/h
- filter area 44,5 m<sup>2</sup>
- fan: 5,5 kW
- residual dust concentration at the output <10 mg/m<sup>3</sup>
- temperature resistance -20 °C / +80 °C
- compressed air needed 6 bar, consumption 6 Nm<sup>3</sup>/h
- pressure loss 1500 Pa
- weight: 549 kg

#### DESIGN

- carbon steel pressure resistant body
- filter element: 9x filter cartridge made of polyester in basic design diameter 145 mm, length 1500 mm
- air tank with JET-PULS filter cartridges recovery and timer
- electromagnetic valve (3 pcs), safety valve (1 pc), pressure regulator (1 pc)
- pressure air connection: internal thread G ½"
- pressure switch to indicate the filter cartridges are plugged
- support construction with dust hopper
- rotary feeder 250 x 250, 0.55 kW
- electric control box: 3 x 400 VAC, 50 Hz

#### ADDITIONAL ACCESSORIES

- ATEX, food or chemical industry design
- non-standard temperature design -40 °C / +150 °C
- available also with mechanical filter cartridge recovery

#### BENEFITS

- robust design
- easy filter element replacement
- low dust emission level
- excellent access to every filter component
- perfect recovery of filter element with built-in JET-PULS system



Dust collector P1500/KR5,5 is a box-shaped device. It is used for local filtration - dedusting of storage silos, belt conveyor transfer points, welding operations etc. It is equipped with the support construction, dust hopper and rotary feeder.

