

AZO Cyclone screener type FA 360 and FA 650 for use in conveying processes

Control screening

Safety screening

Fractioning

**Separation of
foreign particles**

Breaking of lumps

**Aeration of
products**

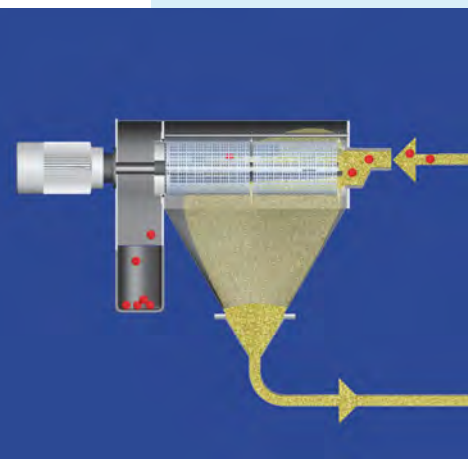
Preferred applications

The FA type of cyclone screener is directly used in the pneumatic conveying stream for safety screening and fractionating of material, for eliminating foreign matter, breaking lumps, and for lifting/loosening product.

Special advantages

- Use in pneumatic conveying stream
- Low construction height
- Completely extractable without tools
- Drive with screen can be extracted and swivelled
- Easy and fast inspection of screen basket
- Nickel chromium steel in different surface versions

THE INNOVATION



How it works

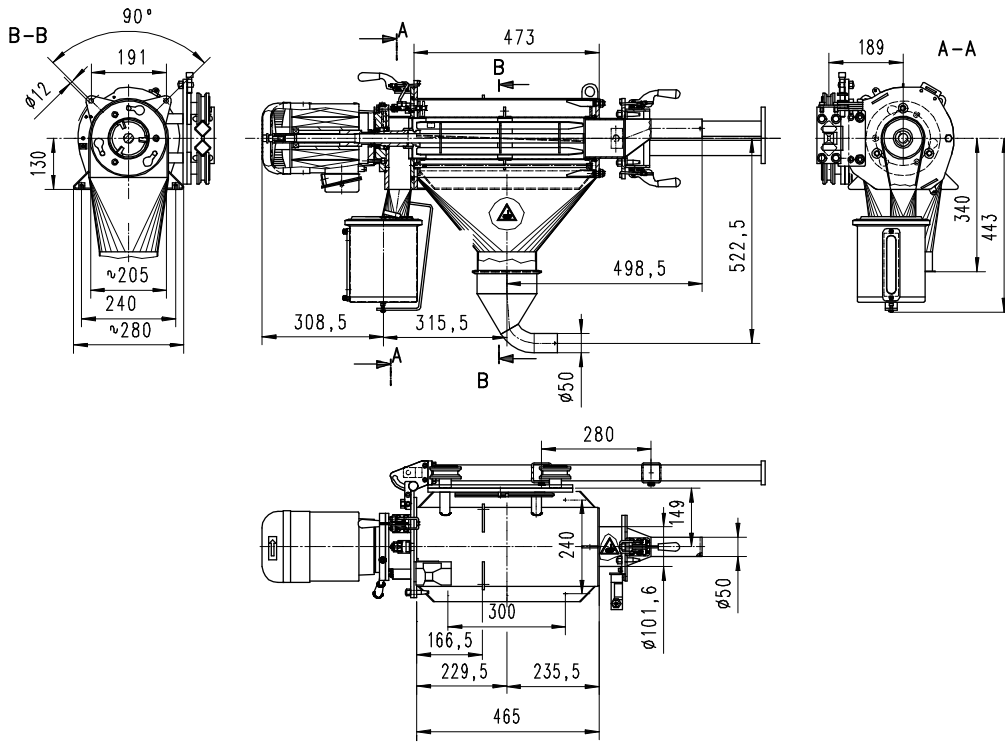
The pneumatically conveyed product enters the screen casing via the suction spigot. The bulk material is then taken over by the intake distributor with fluidizing bars, and gently whirled through the screen basket. The fine material drops through the screen into the outlet for fine product and enters the system below via the suction hopper. At the outlet for coarse product the coarse material is removed from the system and collected in a hopper. The filling level of the coarse material hopper can be

controlled by a sight glass. The special extraction device with snap locks allows simply extracting and swivelling the screen basket to the side for inspection. This makes for thorough inspection and quick exchange if necessary. Safety relevant connections are governed by electric protective devices (safety switches) which switch the machine off the moment such a connection is opened. The screening mesh is held by rings, can freely vibrate, and thus cleans itself. The built-in

baffle prevents too much fine product getting into the coarse-product outlet.

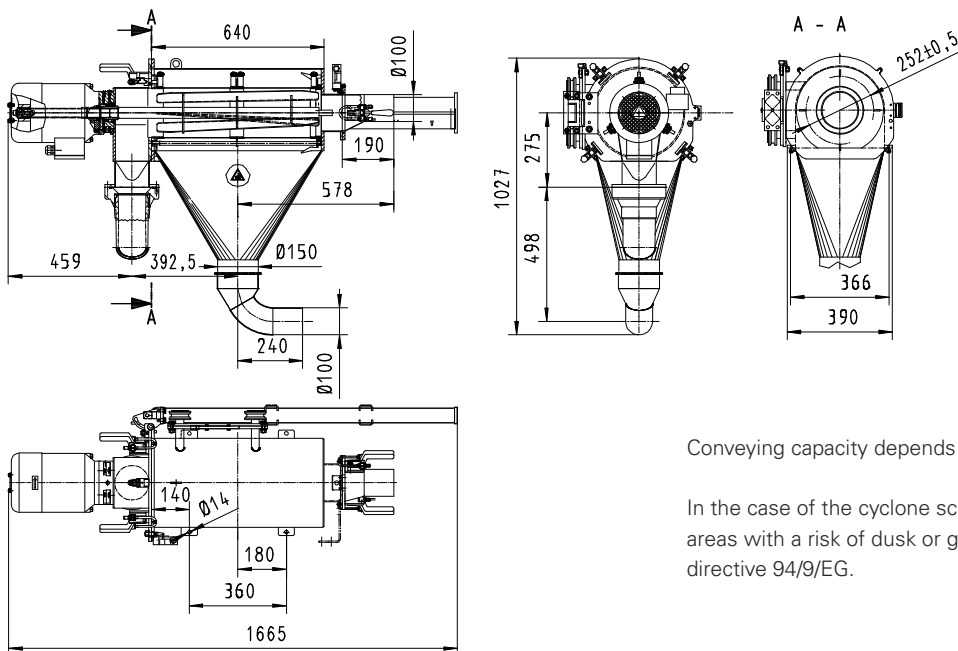
Technical data

Cyclone screener FA 360



Type:	FA 360
Permissible underpressure:	-0,6 bar
Product temperature:	max. 80° C
Length of the screen basket:	approx. 360 mm

Cyclone screener FA 650



Type:	FA 650
Permissible underpressure:	-0,6 bar
Product temperature:	max. 80° C
Length of the screen basket:	approx. 650 mm

Conveying capacity depends on the conveying system used.

In the case of the cyclone screener, approval as per ATEX for use in areas with a risk of dust or gas explosion is available on the basis of directive 94/9/EG.