

Stainless Funnel

Part No. 7354

The stainless funnel is used for introducing coarser material into a pneumatic material transportation system. Material is poured into the funnel which has an extraction connection in the bottom. The funnel can be used for both the loading of clean material to a silo (see p. 32) and for the handling of waste material. This unit can be equipped with a drain tap to facilitate rinsing. All internal surfaces are stainless (304) steel.

The funnel is delivered complete with a silenced ejector and an Auto Shutter 76 mm, solenoid valve 24 V AC and selector switch. Transport capacity of the unit will be influenced by the capacity of the central unit. When large quantities of material are to be transported, suitable control functions must be present in the system control. In applications where the funnel is to be washed externally, the silencer and solenoid control should be wall mounted so they can be disconnected for purpose of washing.

When closing the funnel, the transport tube must be emptied of material – either by the operator delaying closing of the shutter valve or by special tube cleaning functions programmed into the system control. When the funnel is used to load material to the stainless silo for dispensing (p. 32) it must be equipped with a branch tube and auto shutter that closes only when the funnel is in use.

Accessories

Part No. 40166 Funnel Caster 75 mm, stainless steel (1 pc.)

Part No. 7359 Funnel Screen, stainless steel

Installed over the funnel.

Part No. 804404 Shutter Valve Auto ø76

Part No. 3214 Branch pipe 75/75 stainless

Part No 3007 Joint ø76

Part No. 805201 Manual Shutter
Installed at the base of the funnel to facilitate rinsing.

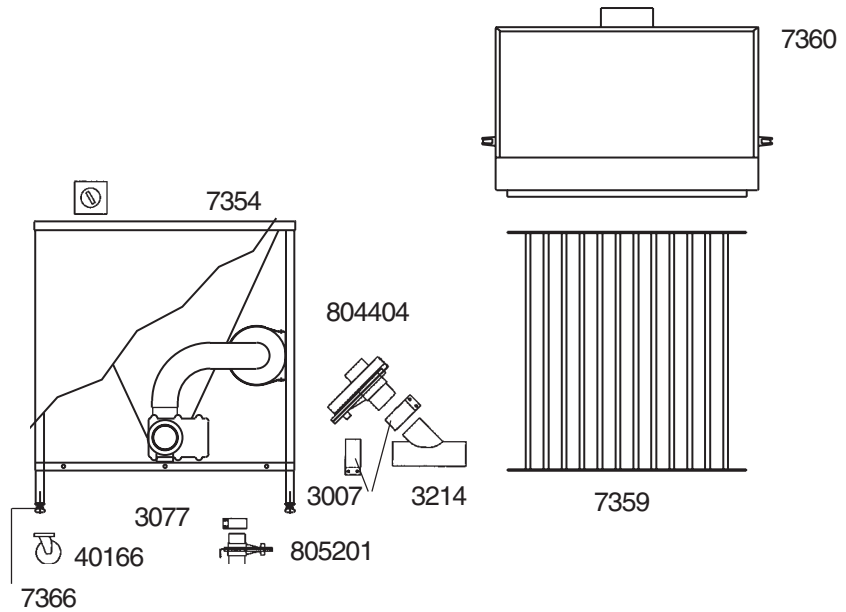
Part No. 3077 Joint ø50

Part No. 7360 Funnel Ventilation Hood

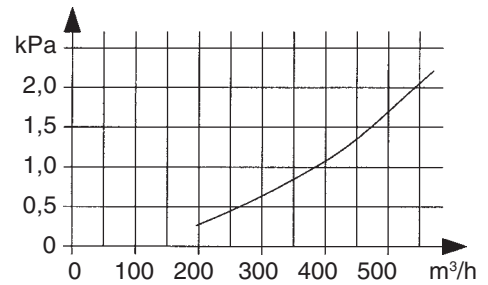
Installed over the funnel to control fugitive dust and vapours. Connection diameter is 160 mm. Minimum air-flow required is 600 m³/h@ 80 Pa.

Part No. 7366

Foot attachments used to fix the stainless funnel to the floor.



Pressure Loss



Pressure loss curve is valid for clean air. Note that transported material will increase pressure loss according to the calculation on p. 6

Dimensions, Arrangements

