MODUFLEX LOADING CHUTE K500

Technical Information – K500

Inlet
Cylindrical Inlet tube in 2 mm steel. With Ø500 connection flange.
Sidemounted filter module with built-in cartridge filter, pressure tank, magnetic valves etc.
9 off filter cartridges, totals 9 m², alternatively 14m² or 18m².
Fan with 0,75kW motor. Alternatively 1,5kW mounted at site.

Chute Modules
Type E - Extended: Yellow. PVC/Polyester. Ø800mm/H=600mm. Temperature -35°C - +70°C
Type M - Food Grade: Light Grey. PVC/Polyester. Ø800mm/H=600mm. Temperature -30°C - +70°C
Type W - Special: Misc. PVC/Polyester. Ø800mm/H=600mm. Temperature -35°C - +70°C
Type B - Heavy Duty: Black. Synthetic rubber. Ø800mm/H=600mm. Temperature -40°C - +130°C
Type G - Extreme Temperature: Grey. Teflon/Fiber glass. Ø800mm/H=600mm. Temperature -35°C - +260°C
Type R-High Temperature: Red. Polyester and fiber/silicone.Ø800mm/H=600mm.Temperature:-40°C- +150°C(peak + 220°C)
Type Z - Low temperature: Green. PVC/PU. Ø800mm/H=600mm. Temperature -60°C - +70°C
Connection ring in stainless steel Aisi 304, c/w 3 off wire guides in nylon.

Guide Cones
Type J - Steel Standard. Steel, H=300mm, pt=2mm.

Outlet
Type F – Flat Outlet with dust skirt for loading in open truck. Type T for closed loading

Motor Winch
Motor 0.55-2.2 kW, 1400 rpm. Gear box ratio 100:1. Tight and slack wire indication
External 3-point wire hoist system with high precision ball bearings and 3 off winch discs vertically fitted.
Hoist wires Ø5mm available in steel, stainless steel Aisi316 or Long Life steel quality.
Self-lubricating wire rollers in Ertalite TX, alternatively steel/stainless steel with bronze bearing

General info
Max. loading capacity approx. 700 m³/hour.
Compressed air supply, clean and dry for filter: Connection 5-6 bar. Filter cleaning air consumption 100-150 NL/min. Pressure air connection ½”
Metal parts available in painted steel st. 37 or stainless steel Aisi 304. Other steel qualities on demand.
Surface treatment St. 37: Iron phosphating, 80 micron coating RAL 9010 pure white.
Surface treatment Aisi 304: Acid-washed without any further treatment
Motor winch cover in steel - RAL 6005 dark green. Cover on filter RAL 6005
Available with full approval and certificates for location in ATEX zone 21 and 22 (zone 20 inside the chute)

Accessories for loading chute K500 please see separate Data Sheets.

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## MODUFLEX LOADING CHUTE K500

### K500

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![Diagram of MODUFLEX LOADING CHUTE K500](image-url)

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