

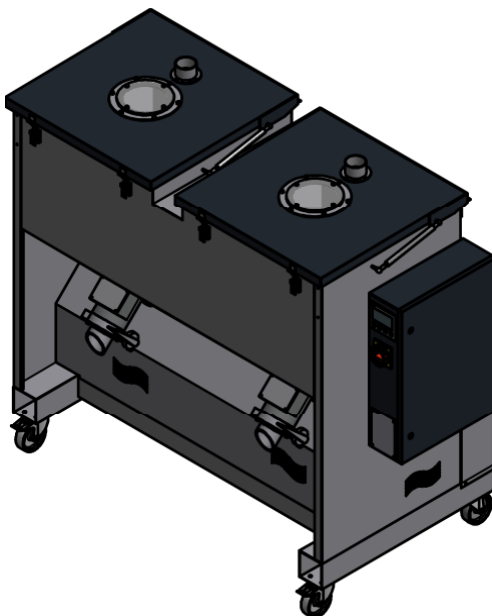
Product Information

Two – Chamber – Desiccant – Dryer TTM 2 / 400 EST

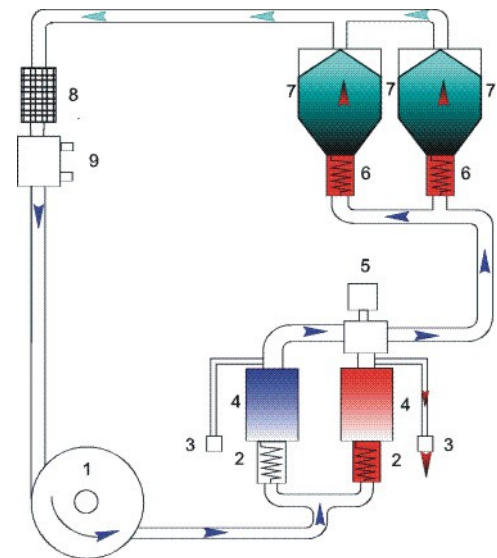
Application Area

The two-chamber desiccant dryer TTM 2/400 EST is used for fully automatic drying of all plastics if these do not give off volatile components during the drying process. The dryer operates in a temperature range of 60 °C to 160 °C, +/- 2 °C. Residual moistures of < 0.02 % can be achieved. The TTM 2/400 ES is a compact desiccant dryer. It consists of a dry air generator with 2 separately heatable material containers in a body, and the SPS control which is built in the switch box on the side. The functional diagram (see drawing below) shows the principle of the drying process of the desiccant dryer in a closed air recirculation system. Part of the air from the air recirculation system is required for regeneration of the desiccant chambers. Automatic operation of the regenerating, cooling and drying phases in the TTM 2/400 EST is achieved by the integrated time control unit.

* Please ask the producer of the material for the characteristics of the drying material.



1. Fan
2. Regeneration heating
3. Waste valve
4. Molecular sieve
5. Engine valve
6. Granulate heating
7. Material container
8. Filter
9. Back air cooler



stallation, of capacity 2 time

- After-run fan
- Time switch
- Individually heatable granular material containers
- Galvanized, removable sieve container (if required suppliable in stainless steel)
- Easily accessible and replaceable air filter with monitoring display
- Manual removal device and mounting for suction conveyer connection
- Two-chamber dry air unit for continuous drying of granular material
- Return air cooler - no water connection necessary



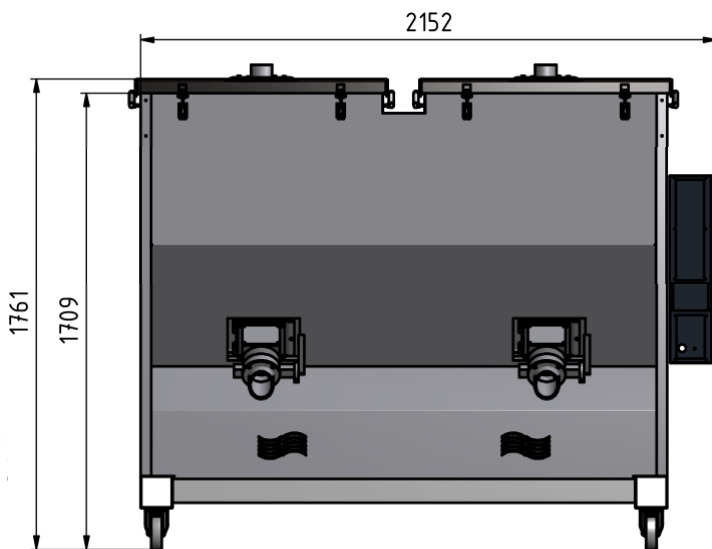
Technical Data

Mechanical Data

Dimension (H/W/D) mm	1700 x 2500 x 1150
Cover filling height mm	1765
Weight in kg	450
Capacity in liter	2 x 400
Drying temperature in °C	60 - 160
Residual moisture in %	< 0,02
Drying Capacity kg/h per chamber	43 – 130

Electrical Data

Connection load V / Hz	3 x 400 / 50
Power consumption in kW	16,7
Current consumption in A	33,5
Regeneration heater in kW	3,5
Granular material heater in kW	2 x 11,0
Fan power in kW	3,0
Fan flow rate in m ³ / h	390



The dryer is with structural color RAL 7004 light gray, and the cabinet and Gerätedekel RAL 7016 dark gray painted.

On request other colors and operating voltages can be selected for an additional charge.

Accessories

Single suction tube ES-3

Made of galvanized steel for sucking

material from the dryer to the processing machine.

Conveyer VSF 101

Single component conveyer

with 230 V fan

Double Bolt Opening

to connect up to 5 conveyors to the chamber