

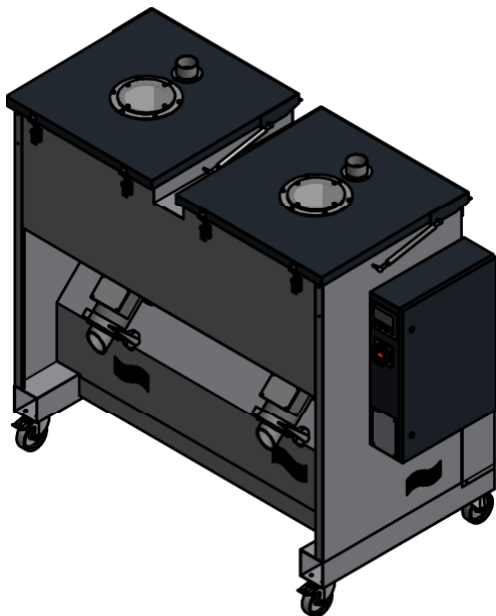
# Product Information

## Two – Chamber – Desiccant – Dryer TTM 2 / 200 EST

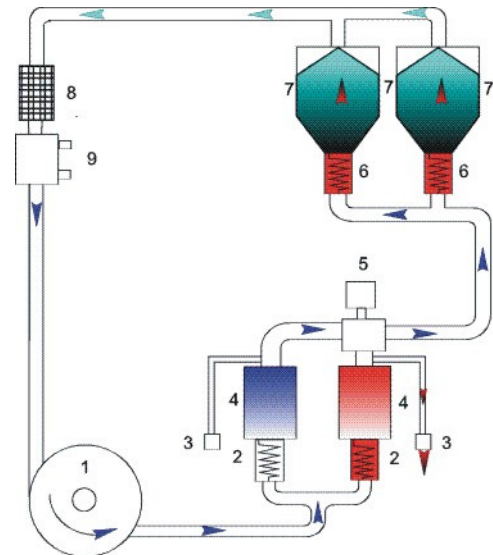
### Application Area

The two-chamber - dry air dryer TTM 2/200 EST is suitable for fully automatic drying of all plastics if these, except water, emit during the drying process no volatile components \*. The dryer operates in a temperature range of 60 to 160 °C, + - 2 °C. In this case, a residual moisture content of <0.02% is achieved. The TTM 2/200 EST is a compact dry air dryer. It consists of a dry air generator, 2 separately heatable material containers in a housing and laterally mounted cabinet with PLC control. The functional diagram (see drawing below) shows the drying process of the desiccant dryer in a closed air circuit. A portion of the air from the air circulation is required for regenerating the desiccant chambers. The built-in timer ensures automatic operation of the regenerating, cooling and drying phases in the TTM 2/200 EST.

\* Properties of the dry material previously requested from the material producers.



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



- Siemens Touchpanel 4,3" mit SPS S7-1200 CPU
- Multilingual
- Wheeled Compact unit with 2 x 200 liter capacity and fully insulated liners
- Fan after run (safe heater)
- Time switch
- Individually heatable granular container
- **Removable sieve container made of stainless steel 1.4301**
- Easily accessible and replaceable air filter
- Unloading device and suction conveyors terminal storage
- Bicameral dry air unit for continuous drying of the granulate
- Return air cooler - no water connection necessary

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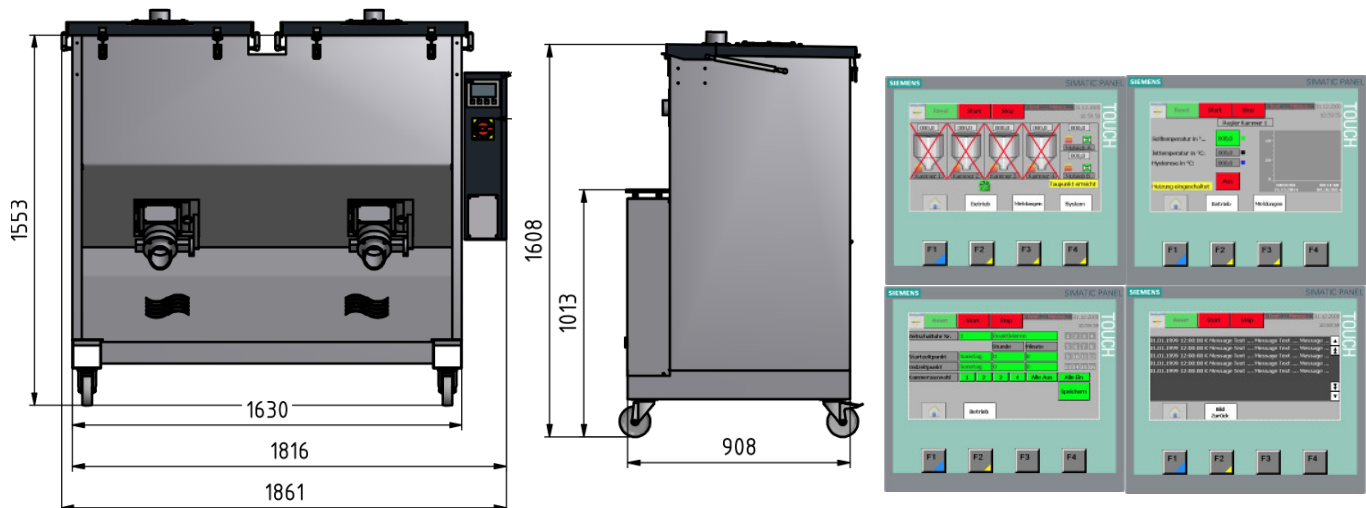
## Technical Data

### Mechanical Data

Dimensions (H/W/D) mm	1700 x 1865 x 910
Cover filling height mm	1610
Weight in kg	450
Capacity in liter	2 x 200
Drying temperature in °C	60 - 160
Residual moisture in %	<0.02
Drying capacity kg / h per chamber	22-65

### Electrical Data

Power consumption V / Hz	3 x 400/50
Power consumption in kW	16
Current consumption in A	31.5
Regeneration heater in kw	3,5
Granular material heater in kW	11.0
Fan power in kW	1.5
Fan flow rate in m <sup>3</sup> / h	210



### Desiccant dryer TTM 2 / 200 EST

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

#### Simple suction tube ES 3

from VA for sucking from the  
Dryer to the processing machine.

#### Double outlet slide

to connect two conveyors to  
a chamber