

Product Information

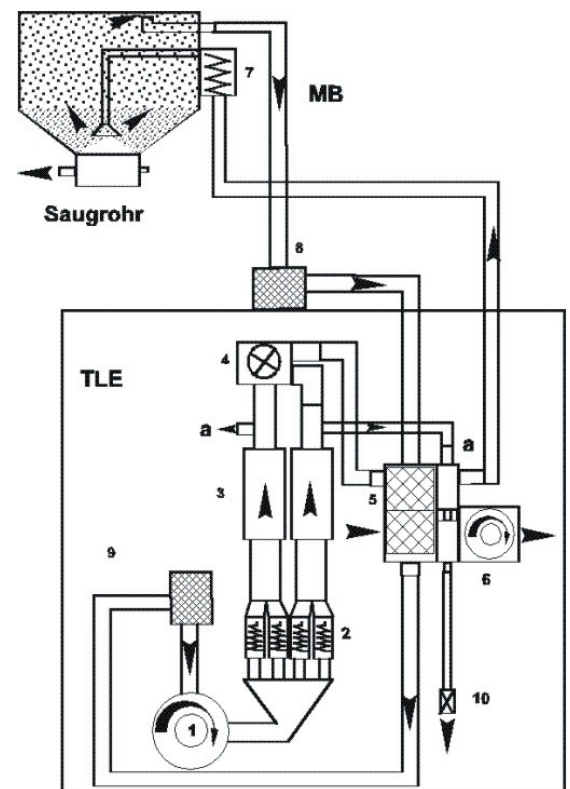
Dry air generator TLE 7, 12, 17, 28, 40

Application Area

The dry air generator TLE, a compact machine with an integrated dry air aggregate, controller, filter and return air cooler in one body, can be combined with MB containers of different volumes. The dry air is continuously generated in the known two chamber system. Each drying container has its own heater and a controller. Drying temperatures of max. 190°C, ± 2 °C (M max 140 °C) can be achieved. Residual moistures of ≤ 0.02 % can be achieved. The arrangement of the components can be central, the drying container is fixed on special base frames, or decentral, the drying container is adjusted on the converting machine. The TLE and the drying containers are connected by flexible heat resistant hoses. Because of a process – optimised control which drives the molecular sieve modulated and a warm recovery of the back air by the application of air-to-air cooler the energy application is optimised. The aerial guidance occurs in a circulation, thus to the to be dried plastic granules no humidity from the outside is supplied.



1. Fan
 2. Regeneration heater
 3. Molecular sieve
 4. Direction control valve
 5. Cooler
 6. Vent
 7. Granular heater
 8. Return air filter
 9. Pre - filter
 10. Outlet air magnet filter
- a. Regeneration outlet air pipeline



Standard Features:

- Movable compact machine
- Integrated return air cooler
- Connection of different size stainless steel containers possible
- Easily accessible and replaceable air filter
- Automatic control for regeneration and drying cycle
- Integrated control box
- Two chamber dry air generator for continuous drying

Product Information

Dry air generator TLE 7,12,17,28,40

Technical Data

Mechanical Data



Drying unit	Dimension (W/D/H) m	Weight kg	Air intake m ³ /h	ø by 80° kW/h	Connection load kW	Max °C
TLE 7	550x826x1440	180	70	1,7	4,5	190
TLE 12	550x826x1540	195	120	2,8	8,8	190
TLE 17	550x826x1640	210	170	4,5	11,1	190
TLE 28	800x1061x2005	310	280	7	16,4	190
TLE 40	800x1061x2210	360	400	11,8	25,3	190
TLE 7 M	550x826x1440	180	70	1,7	3,4	140
TLE 12 M	550x826x1540	195	120	2,8	5,4	140
TLE 17 M	550x826x1640	210	170	4,5	9,5	140
TLE 28 M	800x1061x2005	310	280	7	14,4	140
TLE 40 M	800x1061x2210	360	400	11,8	22,3	140

Container sizes MB 100-MB 2000

Container	Dimension (øxH) mm	Weight kg	Volume liter	Container flange	Container hopper flange	Outlet ø mm
MB 60	452x872	30	60	140x180	110x150	54
MB 80	452x1030	33	80	140x180	110x150	54
MB 100	578x870	43	100	180x240	150x210	84
MB 150	578x1170	50	150	180x240	150x210	84
MB 200	648x1223	72	200	180x240	150x210	84
MB 400	770x1681	105	400	180x240	150x210	84
MB 600	895x1890	140	600	180x240	150x210	84
MB 800	895x2240	185	800	180x240	150x210	84
MB 1000	1115x2050	250	1000	230x360	190x320	116
MB 1200	1115x2275	270	1200	230x360	190x320	116
MB 1500	1410x2030	280	1500	280x280	250x250	180
MB 2000	1410x2450	340	2000	280x280	250x250	180

Other color shades can be selected at an additional charge if required

Concatenation material and installation material on inquiry!