

# Product Information

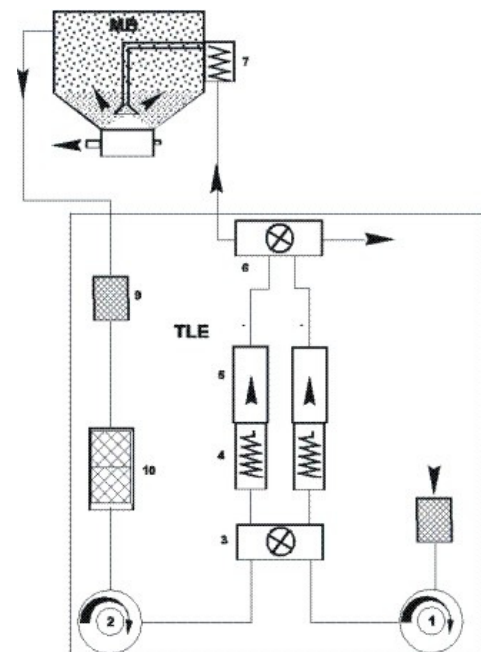
## Dry air generator TLE 55, 75, 110

### 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 are between 60 and 190 °C,  $\pm 2$  °C (M up to 140 °C). Residual moistures of  $\leq 0.02$  % 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. For the regeneration own heating and an additional fan is used.



TLE 75



### Standard Features:

- TLE with a material container MB
- Integrated return air cooler Rückluftkühler (TLE 55 / 75 water radiator)
- Stainless steel material container, all around isolated, with cleaning valve
- Easily accessible and replaceable air filter
- Automatic control for regeneration and drying cycle
- Integrierter Integrated control box
- Two chamber dry air generator for continuous drying



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### Technical Data

### Mechanical Data

Drying unit	Dimension (W/D/H) mm	Weight kg	Air intake m <sup>3</sup> /h	Ø by 80° kW/h	Connection load kW	max C°
TLE 55	1100x2000x2060	950	550	13	38	190
TLE 75	1500x2150x2130	1300	750	16,5	52	190
TLE 110	1650x2500x2150	1500	1100	24,5	78	190
TLE 55 M	1100x2000x2060	950	550	13	32	140
TLE 75 M	1500x2150x2130	1300	750	16,5	43	140
TLE 110 M	1650x2500x2150	1500	1100	24,5	63	140

### Container sizes MB 1000-MB 4000

Container	Dimension (ØxH) mm	Weight kg	Volume liter	Container flange	Container hopper flange.	Auslauf Ø mm
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
MB 2500	1540x2800	500	2500	230x360	190x320	116
MB 3000	1540x3100	590	3000	230x360	190x320	116
MB 3500	1540x3400	680	3500	230x360	190x320	116
MB 4000	1625x3650	850	4000	230x360	190x320	116