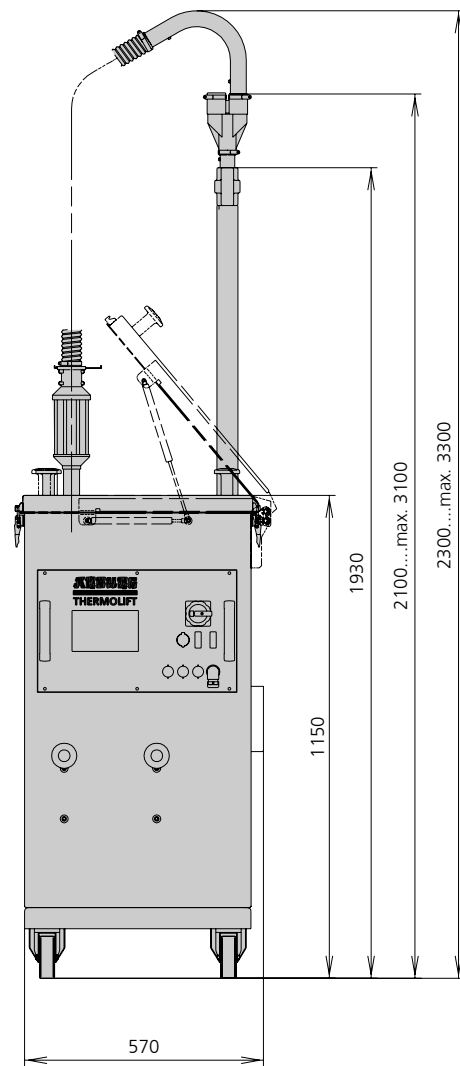
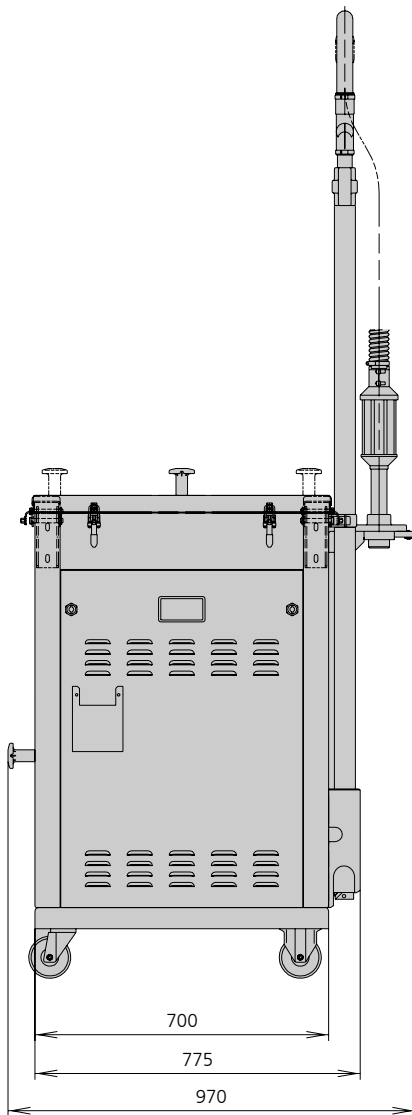
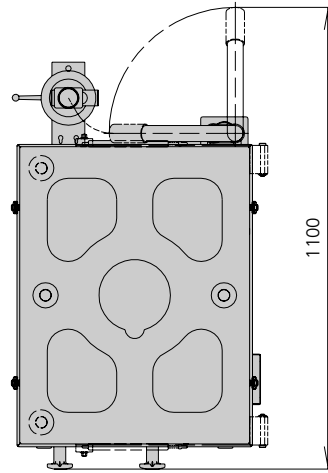


# THERMOLIFT 100-3

Capacity: 100, 200 l  
Dry temperature: 150°C

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# MACHINE DIMENSIONS | THERMOLIFT 100-3



## DRYING TIMES AND TEMPERATURES | THERMOLIFT 100-3

Abbreviation	Material	Temperature [°C]	Time [h]	Density [g/cm <sup>3</sup> ]	Output [kg/h]	Operating mode
ABS	Acrylonitrile butadiene styrene	80	2-3	1.05	15	Fresh air/recirculating air
CA	Cellulose acetate	75	2-3	1.28	18	Fresh air/recirculating air
CAB	Cellulose acetate butyrate	70	2-3	1.18	17	Fresh air/recirculating air
CP	Cellulose propionate	70	3-4	1.20	12.5	Fresh air/recirculating air
PA 6	Polyamide 6	80	4-5	1.13	9.5	Dry air
PA 6.6	Polyamide 6.6	80	4-5	1.14	9.5	Dry air
PA 6.10	Polyamide 6.10	80	4-5	1.14	9.5	Dry air
PA 6.11	Polyamide 6.11	90	4-6	1.04	7.5	Dry air
PA 6.12	Polyamide 6.12	90	4-6	1.04	7.5	Dry air
PAN	Polyacrylonitrile	80	2-3		16	Fresh air/recirculating air
PBTP	Polybutylene terephthalate	120	2-3	1.30	18	Dry air
PC	Polycarbonate	120	2-3	1.25	17.5	Dry air
PE	Polyethylene black	90	1-2	0.95	20	Fresh air/recirculating air
PE	Polyethylene	90	3	0.94	13	Fresh air/recirculating air
PETP	Polyethylene terephthalate	150	5	1.30	11	Dry air
PI	Polyimide	120	3	1.40	20	Dry air
PMMA	Polymethyl methacrylate	80	3-4	1.19	12.5	Dry air
POM	Polyoxymethylene	100	3	1.41	20	Fresh air/recirculating air
PP	Polypropylene	90	1-2	0.90	19	Fresh air/recirculating air
PPO	Polyphenylene oxide	110	2	1.10	23	Fresh air/recirculating air
PS	Polystyrene	80	1-2	1.05	22	Fresh air/recirculating air
PSU	Polysulphone	120	2-3	1.25	17.5	Dry air
PUR	Polyurethane	90	2-3	1.20	17	Dry air
PVC	Polyvinyl chloride	70	1	1.40	59	Dry air
SAN	Styrene acrylonitrile	80	2-3	1.08	15	Fresh air/recirculating air
SB	Styrene butadiene	80	2	1.06	22	Fresh air/recirculating air
PEEK	Polyether etherketone	150	2-3	1.32	18.5	Dry air
PEI	Polyetherimide	150	3-4	1.30	13.5	Dry air
PEK	Polyether ketone	150	4	1.30	13.5	Dry air
PETG	Polyethylene terephthalate glycol modified	65	3-4	1.27	13.5	Dry air
PPA	Polyphthalamide	90	10	1.43	6	Dry air
PPE / SB	Polyphenylene ether / High impact polystyrene, blend	80	2	1.06	22.5	Dry air
PPS	Polyphenylene sulphide	150	3-4	1.35	14	Dry air
PPSU	Polyphenylene sulphone	150	2-3	1.29	18	Dry air
TEEE	Polyester elastomer	110	2-3	1.20	17	Dry air
PC / ABS	Polycarbonate / acrylonitrile butadiene styrene, blend	100-110	2-3	1.12	15.5	Dry air
PC / PBTP	Polycarbonate / polyethylene terephthalate, blend	100-110	2-4	1.22	13	Dry air
PC / PETP	Polycarbonate / polyethylene terephthalate, blend	100-110	2-4	1.20	12.5	Dry air

The manufacturer's recommendations concerning drying should be taken into consideration. The calculations are based on a powder density of 0.6 kg/l. This, however, may vary.

# TECHNICAL DATA | THERMOLIFT 100-3

Capacity of basic machine	l	100
Capacity with container attachment	l	200
Operating voltage		220/400 V 50 Hz
Heating element	kW	4.5
Fan	kW	0.95
Conveyor height	m	3
Conveying pressure	bar	0.055
Dry air generator	kW	0.74
Total power consumption excluding dry air generator	kW	5.5
Total power consumption with dry air generator	kW	6.2
Dry air quantity	m <sup>3</sup> /h	90
Regenerated air quantity	m <sup>3</sup> /h	20
Compressed air connection for vacuum conveying device	bar	4...6
Air filter/rated max. flow rate	m <sup>3</sup> /h	180

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