

BF-HL HOT AIR BELT DRIERS



TROWAL HOT AIR BELT DRIERS

Model range BF-HL

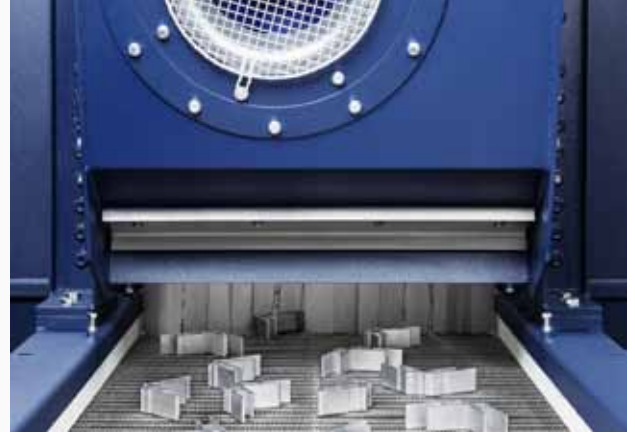
APPLICATIONS

After „trowalizing“ the finished work pieces are usually wet and must be dried before they can be further processed. The Trowal BF-HL belt driers are using hot air for this drying process. Belt driers are ideal for handling

- delicate work pieces that must not tumble over each other during the drying process
- work pieces with narrow holes (e.g. drilled holes) where drying media might get lodged
- for long and voluminous work pieces

THAT'S HOW BF-HL DRIERS WORK

The finished, wet parts are placed on a fine mesh steel belt and transported through a drying tunnel where they are exposed to hot air that is constantly recirculated with a special blower. This ensures an even temperature throughout the complete drying tunnel.



BF-HL Drier	350 / 3300	600 / 3500	1000 / 3500
Belt width x length (mm)	380 x 3,000	600 x 3,200	1,000 x 3,200
Height of tunnel opening (mm)	330	430	530
Belt speed (m/min)	0.5–3.0	0.5–3.0	0.5–3.0
Operating temperature (°C)	140	140	140
Blower capacity (kW)	4.0	5.5	2 x 5.5
Heating capacity (kW)	20.7	33.6	41.4
Total power requirements (kVA)	28	42.5	57.5
Weight - empty (kg)	1,150	1,340	1,800

TECHNICAL FEATURES

Optimum operating conditions during the drying process because of

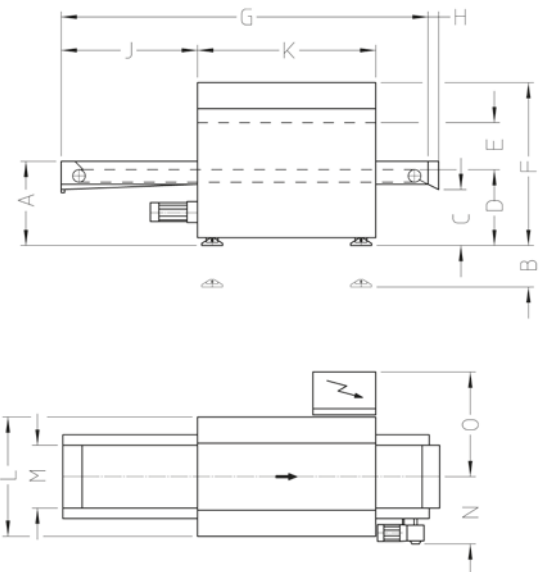
- infinitely variable operating temperature up to 140 °C.
- infinitely variable speed of the transport belt from 0.5 – 3.0 m/min
- energy saving insulation of the complete drying tunnel (thickness of insulation > 100 mm)

OPTIONAL EQUIPMENT

- Air knife for blowing off residual water from the work piece surface. The air knife is placed above the transport belt at the tunnel entrance.

	350 / 3300	600 / 3500	1000 / 3500
A	840	920	920
B	400	400	400
C	570	640	640
D	760	840	840
E	330	430	530
F	1,500	1,580	1,730
G	3,350	3,550	3,550
H	100	100	100
J	1,070	1,250	1,280
K	1,740	1,740	1,740
L	1,030	1,350	1,750
M	380	600	1,000
N	520	680	880
O	910	1,070	1,270

Dimensions (in mm)



**WALTHER
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