

**BF-HL DRIERS**

TROWAL HOT AIR BELT DRIERS

Model Range BF-HL

Applications

Trowal model BF-HL driers have been designed to complete the finishing process by offering an effective means of drying wet components, by passing them through a hot air tunnel. The BF-HL machines are ideal for –

- delicate components which must not impinge each other
- components with difficult to reach cavities where drying medium may lodge
- long and bulky parts

Functional principle

The components are transported through a drying tunnel on a wire mesh belt. The drying takes place with hot air which is constantly circulated with a blower fan uniformly heating the drying tunnel.



BF-HL driers	350 / 3300	600 / 3500	1000 / 3500
Transport belt: Width x Length (mm)	380x3000	600x3200	1000x3200
Tunnel opening: Width x Height (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
Power blower fan (kW)	4,0	5,5	2x5,5
Max. heating output / adjustable (kW)	20,7	33,6	41,4
Total installed power (kVA)	28	42,5	57,5
Weight (kg)	1150	1340	1800

Dimensions (in mm)	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	1500	1580	1730
G	3350	3550	3550
H	100	100	100
J	1070	1250	1280
K	1740	1740	1740
L	1030	1350	1750
M	380	600	1000
N	520	680	880
O	910	1070	1270

Technical specifications

Optimum drying conditions by:

- Operating temperature adjustable up to 140 °C
- Speed of the belt drive adjustable from 0,5 - 3,0 m / min
- Saving of energy by substantial heat insulation (> 100 mm)

Options

- Air knife to blow off moisture or water pockets from the components. Mounted over the belt at the entry to the drying tunnel.

