

Dryers – For all component sizes and quantities

## Belt Dryer R ... BT

Hot air drying for components with holes, in which drying agent would become lodged

This range of machine is normally used for large and small components that are sensitive to damage. Heavy components or components that have many different sizes of holes are especially suited to this type of machine. The drying is by means of hot air which is thermostatically controlled and recirculated in a drying chamber. A stainless steel woven wire

mesh belt transports the components through the drying chamber. In order to optimise the heat specially shaped nozzles direct the hot air onto the components. The input and output belt lengths and tunnel dimensions can be easily adapted to meet special requirements.



Dryer with up to 75 kW heating output, flow of air circulation of up to 9.000 m<sup>3</sup> per hour and temperatures of up to 150°C.

## Special

1

### High output

as a result of up to three large-volume hot air circulation fans and variable conveyor belt speed.

2

### User-friendly working

as a result of generously sized inlet and outlet areas with component buffer function and low noise level.

3

### Energy saving

by thermostatically controlled, independently adjustable radiators and drying tunnel insulation.

4

### Washing system available for connection upstream,

with or without cold air fan for blowing out residual water from spoon-shaped parts before they enter the drying tunnel.

## Specifications Belt dryer R ... BT

Types	R 1000.1 BT	R 2000.1 BT	R 2000.2 BT	R 3000.3 BT
<b>Standard dimensions</b>				
A - Belt length (mm)	2.265	3.765	3.765	4.765
A - length of drying tunnel (mm)	1.000	2.000	2.000	3.000
B - (mm)	1.000	1.000	1.000	1.000
C - (mm)	1.325	1.325	1.325	1.325
D - (mm)	600	600	600 * <sup>1</sup>	600 * <sup>1</sup>
E - (mm)	820	820	820	820
F - (mm)	500	500	500	500
G - (mm)	500	1.000	1.000	1.000
H - (mm)	500	500	500	500
J - (mm)	725	725	725	725
K - (standard) (mm)	200	250	300	300
L - (mm)	1.200	1.200	1.200	1.200
Adjustable heat output (kW)	22,5	22,5	22,5 - 45	22,5 - 67,5
Total connected load (kW)	25,82	25,82	51,52	77,22
Rate of air circulation up to (m <sup>3</sup> /h)	3.000	3.000	6.000	9.000

\*<sup>1</sup> Also available on request with 700 mm and 800 mm belt width

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### conveyor belt material:

optional special steel, normal steel

### belt speed:

standard 1 - 3 m/min,  
optionally up to 6 m/min

