

DRYERS

All advantages at a glance

- ▶ Up to 40% less energy consumption
- ▶ Stain free drying achieving high luster surfaces
- ▶ Environmentally friendly, organic drying media
- ▶ High flexibility thanks to batch or continuous operation
- ▶ Standard pre-separation
- ▶ Direct interlinking with mass finishing system



Types	RT 150 Euro-DH	RT 250 Euro-DH	RT 550 Euro-DH	RT 850 Euro-DH	RT 1500 Euro*4
Standard dimensions					
A – (mm) *3	985	1,035	1,220	1,310	1,360
B – Feed height (mm) *3	860	860	940	985	1,100
C – Discharge height (mm) *3	830	845	985	1,000	1,065
D – (mm)	1,240	1,380	1,770	2,150	2,500
E – (mm)	1,080	1,220	1,620	1,900	2,250
F – (mm)	246	304	410	477	650
G – (mm)	450	600	610	610	760
H – Width of separation sieve (mm)	250	325	430	485	670
J – (mm)	1,180	1,280	1,695	1,965	2,335
Loading chute (b)	350	530	650	560	560
Loading chute (h)	100	130	150	185	220
Maximum components dimension (diagonal measurement) (l)	up to 80	up to 135	up to 290	up to 450	up to 750
Drive speed (Upm)	1,500	1,500	1,500	1,500	1,500
Drive power (kW)	0.75	0.75	3	7.5	12
Heater power (kW)	1/2 *2	1,75/3,5 *2	2,1/4,2 *2	5/10 *1	36 *2

*1 adjustable in two stages (optionally thermostat-controlled)

*2 thermostat-controlled

*3 height adapted to relevant rotary vibrators. Height can be reduced on request

*4 not available in DH version

Specifications Belt dryer R ... BT

Types	R 1000.1 BT	R 2000.1 BT	R 2000.2 BT	R 3000.3 BT
Standard dimensions				
Belt length (mm)	2,265	3,765	3,765	4,765
Length of drying tunnel (mm)	1,000	2,000	2,000	3,000
Machine width (mm)	1,000	1,000	1,000	1,000
Machine height (mm)	1,325	1,325	1,325	1,325
Belt width (mm)	600	600	600 * ¹	600 * ¹
Loading height (mm)	820	820	820	820
F	500	500	500	500
Length loading area (mm)	500	1,000	1,000	1,000
Length output area (mm)	500	500	500	500
J - (mm)	725	725	725	725
Flow height (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)	25.5	25.5	51	77
Rate of air circulation up to (m ³ /h)	3,000	3,000	6,000	9,000

*¹ Also available on request with 700 mm and 800 mm belt width

Standard types	R 2002 TT	R 3002 TT	R 5000 TT
External dimensions			
Belt length (mm)	2,900	3,890	3,630
Length of drying tunnel (mm)	2,200	3,190	2,880
Machine width (mm)	1,340	1,360	1,600
Machine height (mm)	1,415	1,415	1,735
Belt width (mm)	1,006	1,006	1,280
Loading height (mm)	1,080	1,080	1,110
F * ¹ - (mm)	380	380	380
Loading area (mm)	400	400	400
Output area - (mm)	300	300	370
Width loading area (mm)	690	690	690
Dimensions of the drying drum			
Overall length (mm)	2,272	3,270	2,520
External diameter (mm)	1,006	1,006	1,280
Length of drying compartment (mm)	1,300	2,260	1,530
Diameter of drying compartment (mm)	795	795	1,077
Volume of drying compartment (l)	655	1,160	1,510
Diameter of filling aperture (mm)	320	320	450
Length of sieve drum (mm)	1,120	1,130	1,000
Diameter of sieve drum (mm)	800	800	1,105
Sieve drum perforation, standard (mm)	5	5	5
Heating power (kW)	13.5	27	27
Drum speed * ² (Upm)	4.0	4.0	4.0

*¹ measurements can be adapted to customer's wishes

*² optional, infinitely variable speed

Model range:	R 400 HTZ	R 600 HTZ
Diameter of cylindrical * ¹ centrifuge basket Ø (mm)	400	600
Thickness of basket wall (mm)	3	4
Diameter of basket perforation Ø (mm) Special perforation is possible	3	4
Max. batch loading (kg)	50	100
Max. batches per hour	12-14	10-12
Speed, rpm * ²	960	690
Heating power (kW) * ³	4	4
Voltage Special voltage is possible	230/400	230/400
Motor (kW)	1.5	3.0
Hot air fan (kW)	0.06	0.06

Dimensions

Length / Width (mm)	650	900
Diameter basket - (mm)	400	600
Diameter Loading area - (mm)	300	500
Height without lid (mm)	990	1,190
Height basket (mm)	260	410
Height drain pipe - (mm)	570	570
External thread drain pipe - (mm)	R 2"	R 2"
Length max. - (mm)	740	990
Total width - (mm)	730	980
Total length - (mm)	730	980
Machine height, closed (mm)	1,045	1,245

*¹ standard galvanised normal steel, stainless steel available

*² special speeds and infinitely variable, speed control available

*³ special heating power available