



BD Rowa™ Order Fulfillment Solution

Scalable solution for container-based order processing

BD Rowa™ Crate 60

Technical Data

BD Rowa™ Crate 60

Destacker for large totes	
<i>Dimensions (W × H × L)</i>	2,135 × 2,700 × 913 mm
Power supply	230 V
Power consumption	max. 198 W / 43 W in standby
Colors	White, anthracite
Tank capacity <i>(BD Rowa standard tote height)</i>	90 <i>(Dependent on tote size)</i>
Performance	approx. 120 totes / Hour
Weight <i>(without output conveyor and totes)</i>	approx. 695 kg

BD Rowa roller conveyor	BD Rowa™ Crate 60 feeds onto a motorized modular roller conveyor to supply and temporarily store totes.	
	Track widths	325 or 425 mm
	Top edge conveyors	1,079 mm
Totes	Stackable totes for larger orders (<i>retail delivery, wholesale or ward</i>)	
	Tote sizes ($W \times H \times L$)	270 – 370 × ≤ 320 × 345 – 505 mm
	BD Rowa standard wholesale tote large ($W \times H \times L$)	330 × 280 × 490 mm
	BD Rowa standard wholesale tote small ($W \times H \times L$)	330 × 165 × 490 mm



BD Rowa™ Roller Track

Transport of totes with BD Rowa™ Roller Track modules

BD Rowa™ Roller Track

System details

Components

Nominal width (<i>N</i>)	325 or 425 mm
Roller Spacing - distance between two rolls (<i>RS</i>)	90 or 60 mm
Minimum tote length	RS 90: 270 mm RS 60: 180 mm
Maximum tote length	490 mm
Maximum tote length (<i>Tote width</i>)	N 325: 288 mm N 425: 388 mm
Operating noise (<i>dB</i>)	65 to 70 dB ($v \leq 0,6$ m/s)
Speed	0.3 – 1.2 m/s ($\varnothing 0,6$ m/s)
Empty weight	max. 35 kg/running meter
Load capacity	max. 100 kg/running meter

Components	Motorized module (<i>straight</i>)	1, 2 or 3 tote lengths	
	Lengths of transport units	RS 90: 540, 630, 720 or 810 mm RS 60: 360 mm	
	Max. number of motorized modules per project	115 modules	
	Electrical power supply	400 V	
	Power consumption	2x 160 W per power supply unit (<i>max. 8 storage spaces per power supply unit</i>)	
Other modules	Non-motorized module (<i>RS 90 and RS 60 - straight 1.080 mm</i>)		
	180° turn (<i>RS 90 and RS 60 – width 325 of 425 mm</i>)		
	90° turn (<i>RS 90 and RS 60 – width 325 of 425 mm</i>)		
	90° curve (<i>only RS 90/ driven – width 325 of 425 mm</i>)		
	Roller Conveyor Gate (<i>only RS 90 – width 325 of 425 mm</i>)		
	Belt diverter (<i>only RS 90 – width 325 of 425 mm</i>)		
	Slide Sheet (<i>Gab widths: 70, 135 and 200 mm</i>)		
	Stopper		
Totes	Totes for large and small orders (<i>mail order pharmacy, pharmaceutical distribution, hospital pharmacy</i>)		
	BD Rowa™ Standard totes	high (<i>W × H × L</i>)	330 × 280 × 490 mm
		low (<i>W × H × L</i>)	330 × 165 × 490 mm
		small (<i>W × H × L</i>)	199 × 153 × 299 mm