



BD Rowa™ Smart

Technical data

Dimensions	8 different sizes available (see table)		
Sound level	The average sound pressure level $L_{p,m}$ is 48.8 dB (A)		
Possible locations	Ground floor, basement, upper floor		
Standard equipment	Input on the front, on the left, 1 input belt Stock maintenance		
Input and output times	Input	Approx. 3 seconds (Direct availability for over-the-counter sales)	
	Output	Approx. 8 – 12 seconds (up to 9 packs at the same time possible)	
Storable pack sizes	Square packs	Min. pack size (D x W x H)	35×15×15 mm
		Max. pack size (D x W x H)	230×140×145 mm
		Weight	5 g – 1,000 g
	Round packs	Min. pack size	Ø 45 mm, height: 15 mm
		Max. pack size	Ø 140 mm, height: 145 mm
		Weight	5 g – 800 g
Barcodes	Identification and reading of PZN, PZN8, EAN, and 2D barcodes		
Electrical Parameter	AC 230 V, 50/60 Hz, 6 A		
Power consumption	In operation	540 W	
	In standby mode	285 W	
Safety	System protection thanks to uninterrupted power supply (UPS), remote monitoring, back up computer/BD Rowa™ system backup		
Options	Conveyor technology	BD Rowa™ cleaning module	Up to 4 additional output points
	BD Rowa™ EasyLoad (fully automatic input)		
Conveyor technology	Conveyor belt, servo controlled lift, spiral chute Ø 400 mm, possible to connect up pneumatic tube		
Colors	White (RAL 9016)		
Delivery time	Available immediately (in stock, depending on order situation)		
Project planning	Customer checks the installation requirements		
Installation	approx. 2 days plus travel time (For standard installation)		
Commissioning	approx. 2 days plus basic training (For standard installation)		

Dimensions

Length (plus 0.26 m for input table)

Height 2.53 m; width 1.63 m	3.59 m	4.55 m	5.51 m	6.47 m
Height 2.83 m; width 1.63 m	3.59 m	4.55 m	5.51 m	6.47 m

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BD Rowa™ Vmax 130

Technical data

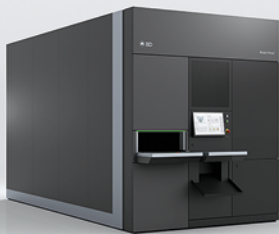
Dimensions	Width	1.33 m	
	Height	2.12 m - 3.52 m (in 5 cm intervals)	
	Length	2.68 m - 15.17 m (in 48 cm intervals)	
Sound level	Average sound pressure level Lp,m	48,3 dB (A)	
Possible locations	Ground floor, basement, upper floor		
Input and output times	Input	Approx. 3 seconds (Direct availability for over-the-counter sales)	
	Output	Approx. 8 – 12 seconds (up to 6 packs at the same time possible)	
Storable pack sizes	Square packs	Min. pack size (D × W × H)	35×15×15 mm
		Max. pack size (D × W × H)	230×140×145 mm
		Weight	5 g – 1,000 g
	Round packs	Min. pack size	Ø 45 mm, height: 15 mm
		Max. pack size	Ø 140 mm, height: 145 mm
		Weight	5 g – 800 g
Barcodes	Identification and reading of PZN, PZN8, EAN, and 2D barcodes		
Electrical Parameter	AC 230 V, 50/60 Hz, 8 A		
Power consumption	In operation	650 W with one picking head	
		780 W with two picking heads	
	In standby mode	348 W with one picking head	
		379 W with two picking heads	
Safety	System protection thanks to uninterrupted power supply (UPS) , backup computer, remote monitoring		
Options	2nd picking head	2nd input belt	BD Rowa™ EasyLoad (fully automatic input)
	BD Rowa™ cleaning module	BD Rowa™ System backup	BD Rowa™ refrigerated unit (Special construction on request)
Conveyor technology	Conveyor belt, servo controlled lift, spiral chute Ø 400 mm, possible to connect up pneumatic tube		
Colors	White (RAL 9016) , anthracite (RAL Design 000-25-00)		



BD Rowa™ Vmax 160

Technical data

Dimensions	Width	1.63 m	
	Height	1.72 m - 3.52 m <i>(in 5 cm intervals)</i>	
	Length	2.68 m - 15.17 m <i>(in 48 cm intervals)</i>	
Sound level	Average sound pressure level Lp,m	48,3 dB (A)	
Possible locations	Ground floor, basement, upper floor		
Input and output times	Input	Approx. 3 seconds <i>(Direct availability for over-the-counter sales)</i>	
	Output	Approx. 8 – 12 seconds <i>(up to 9 packs at the same time possible)</i>	
Storable pack sizes	Square packs	Min. pack size <i>(D × W × H)</i>	35×15×15 mm
		Max. pack size <i>(D × W × H)</i>	230×140×145 mm
		Weight	5 g – 1,000 g
	Round packs	Min. pack size	Ø 45 mm, height: 15 mm
		Max. pack size	Ø 140 mm, height: 145 mm
		Weight	5 g – 800 g
Barcodes	Identification and reading of PZN, PZN8, EAN, and 2D barcodes		
Electrical Parameter	AC 230 V, 50/60 Hz, 8 A		
Power consumption	In operation	650 W with one picking head	
		780 W with two picking heads	
	In standby mode	348 W with one picking head	
		379 W with two picking heads	
Safety	System protection thanks to uninterrupted power supply (<i>UPS</i>) , backup computer, remote monitoring		
Options	2nd picking head	2nd input belt	BD Rowa™ cleaning module
	BD Rowa™ System backup	BD Rowa™ EasyLoad <i>(fully automatic input)</i>	BD Rowa™ iProLog
	BD Rowa™ refrigerated unit		
Conveyor technology	Conveyor belt, servo controlled lift, spiral chute Ø 400 mm, possible to connect up pneumatic tube		
Colors	White (<i>RAL 9016</i>) , anthracite (<i>RAL Design 000-25-00</i>)		



BD Rowa™ Vmax 210

Technical data

Dimensions	Width	2.13 m	
	Height	2.12 m – 3.52 m (in 5-cm intervals)	
	Length	3.20 m – 15.04 m (in 32-cm intervals)	
Sound level	Average sound pressure level LpA,m	50.9 dB (A)	
Possible locations	Ground floor, basement, upper floor		
Input and output times	Input	Approx. 3 seconds (up to 14 packs at the same time possible; direct availability for over-the-counter sales)	
	Output	Approx. 8–12 seconds (up to 14 packs at the same time possible)	
Storable pack sizes*	Square/rectangular packages	Min. pack dimensions ($D \times W \times H$)	35 × 15 × 15 mm
		Max. pack dimensions ($D \times W \times H$)	500 × 250 × 150 mm
		Weight	5 g – 1,000 g
	Round packages	Min. pack dimensions	Ø 45 mm, height: 15 mm
		Max. pack dimensions	Ø 140 mm, height: 145 mm
		Weight	5 g – 800 g
Barcodes	Identification and reading of PZN, PZN8, EAN, and 2D barcodes		
Electrical parameter	AC 230 V, 50/60 Hz, 8 A AC 120 V, 50/60 Hz, 16 A		
Power consumption	In operation	391 W with 1 picking head / 830 W with 2 picking heads	
	In standby mode	158 W with 1 picking head / 158 W with 2 picking heads	
	In power saving mode	76 W with 1 picking head / 76 W with 2 picking heads	
Safety	System protection thanks to uninterruptible power supply (UPS), backup computer, remote monitoring		
Options	2. Picking head**	2. Input belt	
	BD Rowa™ EasyLoad (fully automatic stock input)		
Conveyor system	Conveyor belt, servo controlled lift, spiral chute Ø 400 mm, possible to connect pneumatic tube		
Colours	White (RAL 9016), anthracite (RAL Design 000-25-00)		

* Large packs can be dispensed via direct outputs (front / side) or the stock maintenance output. Reduction of the maximum pack dimensions to D: 230 x W: 140 x H: 100 mm in case of output via a connected conveyor system.

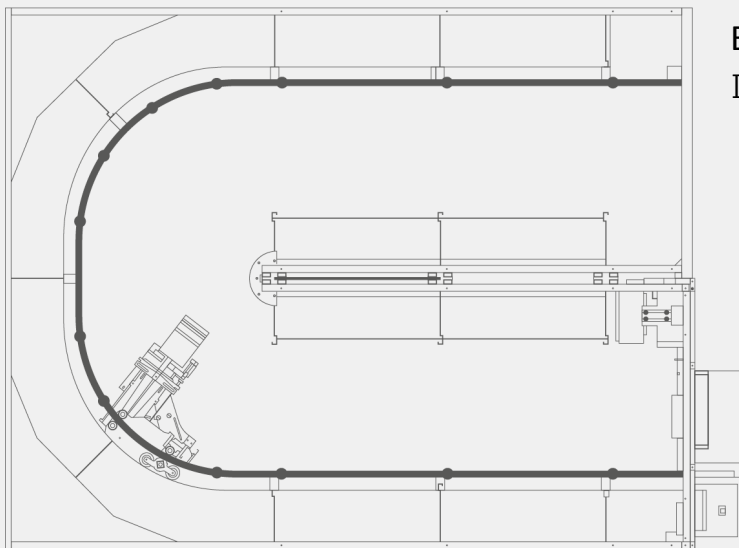
** Available from machine length 8.64 m



BD Rowa™ Vmax 320

Technical data

Dimensions	Width	3.23 m	
	Height	2.02 m - 3.02 m (in 5 cm intervals)	
	Length	3.58 m - 5.98 m (in 48 cm intervals)	
Sound level	Average sound pressure level LpA,m	49,1 dB (A)	
Possible locations	Ground floor, basement, upper floor		
Input and output times	Input	Approx. 3 seconds (Direct availability for over-the-counter sales)	
	Output	Approx. 8 – 16 seconds (up to 9 packs at the same time possible)	
Storable pack sizes	Square packs	Min. pack size (D × W × H)	35×15×15 mm
		Max. Pack size (D × W × H)	230×140×145 mm
		Weight	5 g – 1,000 g
	Round packs	Min. pack size	Ø 45 mm, height: 15 mm
		Max. Pack size	Ø 140 mm, height: 145 mm
		Weight	5 g – 800 g
Barcodes	Identification and reading of PZN, PZN8, EAN, and 2D barcodes		
Electrical Parameter	AC 230 V, 50/60 Hz, 8 A		
Power consumption	In operation	650 W	
	In standby mode	348 W	
Safety	System protection thanks to uninterrupted power supply (UPS) , backup computer, remote monitoring		
Options	2nd input belt	BD Rowa™ System backup	
	BD Rowa™ iProLog (integrated fully automatic input)	BD Rowa™ EasyLoad (fully automatic input)	
	BD Rowa™ cleaning module	BD Rowa™ refrigerated unit (height 2,300, 2,900 mm)	
Conveyor technology	Conveyor belt, servo controlled lift, spiral chute Ø 400 mm, possible to connect up pneumatic tube		
Colors	White (RAL 9016) , anthracite (RAL Design 000-25-00)		



BD Rowa™ Vmax 320
Ideal for square surfaces

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