



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	
	Round packs	Weight	5 g – 1,000 g	
		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			

Technical data

	2nd picking head	2nd input belt	BD Rowa™ EasyLoad <i>(fully automatic input)</i>
Options	BD Rowa™ cleaning module	BD Rowa™ Personal Backup Service	BD Rowa™ refrigerated unit <i>(Special construction on re- quest)</i>
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)		

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BD Rowa™ Vmax 160

Technical data

Dimensions	Width	1.63 m		
	Height	1.72 m – 3.52 m (in 5-cm increments)		
	Lengths	2.68 m – 15.17 m (in 48-cm increments)		
Sound level	Average noise pressure level Lp,m	48.3 dB (A)		
Possible locations	Ground floor, basement, top floor			
Input and output times	Stock input	approx. 3 seconds (directly available at sales counter)		
	Output	approx. 8–12 seconds (up to 9 packs at the same time possible)		
Storable pack sizes	Rectangular packs	Min. pack dimensions (D × W × H)	35×15×15 mm	
		Max. pack dimensions (D × W × H)	230×140×145 mm	
		Weight	5 g – 1,000 g	
	Round packs	Min. pack dimensions	Ø 45 mm, height: 15 mm	
		Max. pack dimensions	Ø 140 mm, height: 145 mm	
		Weight	5 g – 800 g	
Barcodes	Recognition and processing of PZN, PZN8, EAN, and 2D barcodes			
Electric parameters	AC 230 V, 50/60 Hz, 8 A			
Power consumption	In operation	650 W with one picking head		
		780 W with two picking heads		
	During downtime	348 W with one picking head		
		379 W with two picking heads		
Safety	Machine protection by uninterruptible power supply (UPS), mirror machine, remote monitoring			
Options	2nd picking head	2nd input belt	BD Rowa™ Cleaning Module	
	BD Rowa™ System Backup	BD Rowa™ EasyLoad (fully automated stock input)	BD Rowa™ iProLog	
	BD Rowa™ Refrigerated Unit			

Technical data

Conveyor System	Conveyor belt, servo-driven lift mechanism, spiral chute Ø 400 mm, pneumatic tube system connection possible
Colors	white (RAL 9016), anthracite (RAL Design 000-25-00)

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BD Rowa™ Vmax 210

Technical data

Dimensions	Width	2.13 m	
	Height	2.12 m–3.52 m (in 5-cm increments)	
	Length	3.20 m–15.04 m (in 32-cm increments)	
Sound level	Average emissions sound pressure level LpA,m	50.9 dB (A)	
Possible locations	Ground floor, basement, top floor		
Input and output times	Stock input	Approx. 3 seconds (direct availability for sales counter, up to 14 packs possible at the same time)	
	Output	approx. 8–12 seconds (up to 14 packs at the same time possible)	
Storable pack sizes*	Rectangular packs	Min. pack dimensions (D × W × H)	35 × 15 × 15 mm
		Max. pack dimensions (D × W × H)	500 × 250 × 150 mm
	Round packs	Weight	5 g–1,000 g
		Min. pack dimensions	Ø 45 mm, height: 15 mm
		Max. pack dimensions	Ø 140 mm, height: 145 mm
		Weight	5 g–800 g
Barcodes	Recognition and processing of PZN, PZN8, EAN, and 2D barcodes		
Electric parameters	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	
	During downtime	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	Machine protection by uninterruptible power supply (UPS), mirror machine, remote monitoring		

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

Technical data

Options	2nd picking head**	2nd input belt
	BD Rowa™ EasyLoad (fully automated stock input)	BD Rowa™ Personal Backup Service
Conveyor System	Conveyor belt, servo-driven lift mechanism, spiral chute Ø 400 mm, pneumatic tube system connection possible	
Colors	white (RAL 9016), anthracite (RAL Design 000-25-00)	

** Available from machine length of 8.64 m

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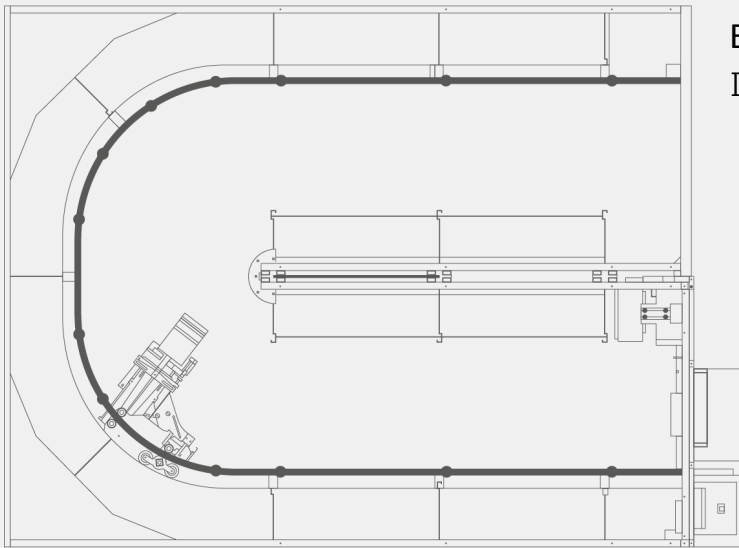
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BD Rowa™ Vmax 320

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	
	Round packs	Weight	5 g – 1,000 g	
		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™ Personal Backup Service		
	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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BD Rowa™ Smart

Technical data

Dimensions	16 different sizes available (see table 'Capacities')			
Noise level	Average sound pressure level	48.8 dB (A) (axis speed 2.0 m/s)		
	Lp,m	51.4 dB (A) (axis speed 3.0 m/s)		
Possible locations	Ground floor, basement, upper floor			
Standard equipment	Stock input on the front, on the left, 1 input belt			
	Stock maintenance			
Input and output times	Stock 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/rectangular packs	Min. pack dimensions (D × W × H)	35 × 15 × 15 mm	
		Max. pack dimensions (D × W × H)	230 × 140 × 145 mm	
		Weight	5 g–1,000 g	
	Round packs	Min. pack dimensions	Ø 45 mm, height: 15 mm	
		Max. pack dimensions	Ø 140 mm, height: 145 mm	
		Weight	5 g–800 g	
Barcodes	Recognition and processing of PZN, PZN8, EAN, and 2D barcodes			
Electric parameters	1~ AC 230 V, 50/60 Hz, 6 A			
Power consumption	In operation	540 W		
	In standby mode	285 W		
Safety	System protection thanks to uninterruptible power supply (UPS), remote monitoring, backup computer/BD Rowa™ SystemBackup			
Options	BD Rowa™ Pack Conveyor	BD Rowa™ Cleaning Module	Up to 4 additional output locations	
	BD Rowa™ EasyLoad (fully automatic input)			
Conveyor system	Conveyor belt, servo controlled lift, spiral chute Ø 400 mm, possible to connect pneumatic tube			
Colours	White (RAL 9016)			
Delivery time	Available immediately (in stock, depending on order situation)			

Technical data

Project planning	Customer checks the installation requirements
Installation	approx. 2 days plus travel time (<i>for standard installation</i>)
Commissioning	approx. 2 days plus basic training (<i>for standard installation</i>)

Dimensions

	Length (<i>plus 0.26 m for input table</i>)							
Height 2.52 m, width 1.63 m	3.10 m	3.58 m	4.06 m	4.54 m	5.02 m	5.50 m	5.98 m	6.46 m
Height 2.82 m, width 1.63 m	3.10 m	3.58 m	4.06 m	4.54 m	5.02 m	5.50 m	5.98 m	6.46 m

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