



BD Rowa™ Smart

Technical data

Dimensions	11 different sizes available (<i>see table</i>)			
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 (<i>Direct availability for over-the-counter sales</i>)		
	Output	Approx. 8 – 12 seconds (<i>up to 9 packs possible at the same time</i>)		
Storable package sizes	Square packages	Min. package size (<i>D x W x H</i>)	35 × 15 × 15 mm	
		Max. package size (<i>D x W x H</i>)	230 × 140 × 145 mm	
		Weight	5 – 1,000 g	
	Round packages	Min. package size	Ø 45 mm, height: 15 mm	
		Max. package size	Ø 140 mm, height: 145 mm	
		Weight	5–800 g	
Barcodes	Identification and reading of PZN, PZN8, EAN, and 2D barcodes			
Electrical Parameter	230 V, 50/60 Hz			
Power consumption	In operation	540 W		
	In standby mode	285 W		
Safety	System protection thanks to uninterrupted power supply (<i>UPS</i>), remote monitoring, back up computer/BD Rowa™ system backup			
Options	Conveyor technology	BD Rowa™ cleaning module	Up to 4 additional output points	
Conveyor technology	Conveyor belt, servo controlled lift, spiral chute Ø 400 mm, possible to connect up pneumatic tube			
Colors	White (<i>RAL 9016</i>)			
Delivery time	Available immediately (<i>in stock, depending on order situation</i>)			
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>)			

Sizes

BD Rowa™ Smart 120

	Length			
Height 2.52 m, width 1.28 m	3.5 m	4.5 m	5.5 m	–

Sizes

BD Rowa™ Smart 160

	Length			
Height 2.52 m, width 1.63 m	3.5 m	4.5 m	5.5 m	6.5 m
Height 2.82 m, width 1.63 m	3.5 m	4.5 m	5.5 m	6.5 m

Becton Dickinson Rowa Germany GmbH, Rowastraße, D-53539 Kelberg
+49 2692 92 06 0 tel, +49 2692 92 06 1299 fax

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BD Rowa™ Vmax 130

Technical data

Dimensions	Width	1.33 m	
	Height	2.12–3.52 m (in 5 cm intervals)	
	Length	2.68–15.17 m (in 48 cm intervals)	
Sound level	The average sound pressure level $L_{p,m}$ is 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 possible at the same time)	
Storable package sizes	Square packages		
	Min. package size (D x W x H)	35 x 15 x 15 mm	
	Max. package size (D x W x H)	230 x 140 x 145 mm	
	Weight	5–1,000 g	
	Round packages		
	Min. package size	Ø 45 mm, height: 15 mm	
	Max. package size	Ø 140 mm, height: 145 mm	
	Weight	5–800 g	
Barcodes	Identification and reading of PZN, PZN8, EAN, and 2D barcodes		
Electrical Parameter	230 V, 50/60 Hz		
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	2 nd picking head	2 nd Input belt	BD Rowa™ Label (labeling)
	BD Rowa™ cleaning module	BD Rowa™ System backup	BD Rowa™ ProLog external (fully automatic input)
	BD Rowa™ refrigerated unit		
Conveyor technology	Conveyor belt, servo controlled lift, spiral chute with Ø 400 mm, possible to connect up pneumatic tube transport		
Colors	White (RAL 9016), anthracite (RAL Design 000-25-00)		

Becton Dickinson Rowa Germany GmbH, Rowastraße, D-53539 Kelberg
+49 2692 92 06 0 tel, +49 2692 92 06 1299 fax

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BD Rowa™ Vmax 160

Technical data

Dimensions	Width	1.63 m	
	Height	1.72–3.52 m (in 5 cm intervals)	
	Length	2.68–15.17 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 9 packs possible at the same time)	
Storable package sizes	Square packages	Min. package size (D × W × H)	35 × 15 × 15 mm
		Max. package size (D × W × H)	230 × 140 × 145 mm
		Weight	5–1,000 g
	Round packages	Min. package size	Ø 45 mm, height: 15 mm
		Max. package size	Ø 140 mm, height: 145 mm
		Weight	5–800 g
Barcodes	Identification and reading of PZN, PZN8, EAN, and 2D barcodes		
Electrical Parameter	230 V, 50/60 Hz		
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	2 nd picking head	2 nd Input belt	BD Rowa™ Label (labeling)
	BD Rowa™ cleaning module	BD Rowa™ System backup	BD Rowa™ ProLog external (fully automatic input)
	BD Rowa™ refrigerated unit	BD Rowa™ MedPort	BD Rowa™ iProLog
Conveyor technology	Conveyor belt, servo controlled lift, spiral chute with Ø 400 mm, possible to connect up pneumatic tube transport		
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)		
	Stock output	Approx. 10 – 14 seconds (up to 14 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)	500×250×150 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			
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 one picking head / 830 W with 2 picking heads		
	In standby mode	158 W with one picking head / 158 W with 2 picking heads		
	In power saving mode	76 W with one picking head / 76 W with 2 picking heads		
Safety	System protection thanks to uninterrupted power supply (UPS), backup computer, remote monitoring			
Options	Second picking head	Second input belt		
	BD Rowa™ ProLog external (fully automated stock input)			
Conveyor technology	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)			

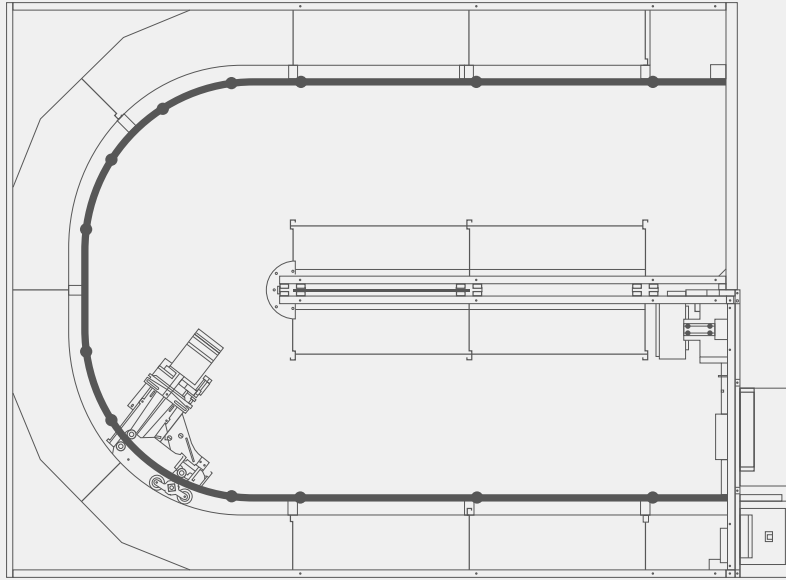
*The information provided is preliminary and could be subject to change. Large packs can be dispensed via direct outputs (side) or the stock maintenance output. Reduction of the maximum pack dimensions up to D: 230 x W: 140 x H: 100 mm in case of dispensing via a connected conveyor system.



BD Rowa™ Vmax 320

Technical data

Dimensions	Width	3.23 m		
	Height	2.02 – 3.02 m (in 5 cm intervals)		
	Length	3.58 – 5.98 m (in 48 cm intervals)		
Sound level	Average emissions sound pressure level	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 possible at the same time)		
Storable package sizes	Square packages	Min. package size (D × W × H)	35 × 15 × 15 mm	
		Max. package size (D × W × H)	230 × 140 × 145 mm	
		Weight	5 – 1,000 g	
	Round packages	Min. package size	Ø 45 mm, height: 15 mm	
		Max. package size	Ø 140 mm, height: 145 mm	
		Weight	5 – 800 g	
Barcodes	Identification and reading of PZN, PZN8, EAN, and 2D barcodes			
Electrical Parameter	230 V, 50/60 Hz			
Power consumption	In operation	650 W with one picking head		
	In standby mode	348 W with one picking head		
Safety	System protection thanks to uninterrupted power supply (UPS), backup computer, remote monitoring			
Options	2 nd input belt	BD Rowa™ Label (labeling)		
	BD Rowa™ system backup	BD Rowa™ iProLog (integrated fully automatic input)		
	BD Rowa™ cleaning module	BD Rowa™ ProLog external (fully automatic input)		
	BD Rowa™ refrigerated unit (height 2.300, 2.900 mm)			
Conveyor technology	Conveyor belt, servo controlled lift, spiral chute with Ø 400 mm, possible to connect up pneumatic tube transport			
Colors	White (RAL 9016), anthracite (RAL Design 000-25-00)			



BD Rowa™ Vmax 320
ideal for square surfaces

Becton Dickinson Rowa Germany GmbH, Rowastraße, D-53539 Kelberg
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