

Technical Specifications

THE BELVAC

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Can Body Size Range		202 (52.8mm) to 211 (66.2mm)		Machine Overall Dimensions	Length	[43" (1092mm) + 29.2" (741.7mm) x # Modules]	
Can Neck Size Range		200 to 209			Width	126.6" (3216mm)	
Maximum Can Height		7.51" (190mm)			Height	104.3" (2649mm)	
Minimum Can Height		3.30" (84mm)		Maximum Neck Shoulder Dimension	Approx. 0.81" (20.6mm)		
Number of Pockets per Working Turret		12		Maximum Neck Length	0.750" (19.05mm)		
Number of Pockets per Transfer Turret		20		Minimum Neck Length	0.23" (5.8mm)		
Pocket-to-Pocket Integrity		Yes		Effective Push Cam Stroke (Less BIS) Max	1.977" (50.2mm) « New RDC Profile		
"Active" Pockets (Linear)		12		KO Cam Stroke Max	1.26" (32mm) « New RDC Profile		
Shaped Can Option Capable		Not Applicable		Cam Dynamics	Reduced Dynamics Cam (RDC)		
"Active" Pockets (Recirculation)		Not Applicable		Cam Style	Matched Velocity		
Rated Speed (CPM) (Linear Machine)		3600 CPM (300 RPM Max Turret Speed)		Cam Working Arc	270 degrees		
Required Utilities: Dual Compressor Setup	Pressure Requirements	Flow Requirements		Diameter Change Capability	One QC parts kit per can diameter		
	50 psig (3.4 BAR) Process Air 80 psig (5.5 BAR) Brake Circuit	<ul style="list-style-type: none"> • 100 SCFM (48 SLPS) per Necking Turret • 40 SCFM (19 SLPS) per Flanger or Light Tester Turret • 50 SCFM (24 SLPS) per Reformer or Reprofiler Turret 		Height Change Capability	"Quick Change"		
Required Utilities: Single Compressor Setup	80 psig (5.5 BAR)	<ul style="list-style-type: none"> • 100 SCFM (48 SLPS) per Necking Turret • 40 SCFM (19 SLPS) per Flanger or Light Tester Turret • 50 SCFM (24 SLPS) per Reformer or Reprofiler Turret 		Ram Assembly Style	Precision Linear Bearings with Dual Cam Followers		
				Main Shaft Style	Horizontal, Cantilevered		
Required Utilities: Inspection Blow-Off (Lt/V)	80 psig (5.5 BAR) minimum	100 SCFM (24 L/s) per Blow-Off		Guard Style	Aluminum Extruded Modular Bi-Fold		
Required Utilities: Vacuum	8-10 In/HG @ 45 ACFM (203mm-254mm HG @21.3 ALPS)			Main Drive Motor and Gearbox	Single or Multiple Drive: Configuration Dependent		
				Gearbox	Horizontal Parallel Shaft, Helical Gear		
				Drive Gearing	Spur Gear, Inline Steel Oil Bath Lubed		
				Transfer Shaft Assembly	Quick Change Modular		
				Blowers	Floor Standing		
				Infeed Star Wheel	Quick Change Modular		
				Waxer	Standard Rollerless hot wax or oil		
				Transfer Starwheel	Quick Change Modular		
				Discharge Starwheel	Quick Change Modular		
				Face Seal Manifold	Modular FSM HyComp Lining		
				Main Drive Side Bearing	Fixed Tapered Roller Bearing		
				Pusher Side Bearing	N/A		