

Technical Specifications

810K VE

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Can Body Size Range		211 (66.2mm) to 307 (83.8mm)		Machine Overall Dimensions	Length	[31" (787.4mm) + 27" (685.8mm) x # Modules]	
Can Neck Size Range		211/200	307/209		Width (Non-Cradle Mount)	115" (2921mm)	
Maximum Can Height		8.31" (211mm)			Width (Cradle Mount)	140" (3556mm)	
Minimum Can Height		3.50" (89mm)			Height	107" (2718mm)	
Number of Pockets per Working Turret		10		Maximum Neck Shoulder Dimension	Approx. 1.81" (30mm)		
Number of Pockets per Transfer Turret		10		Maximum Neck Length	1.060" (26.9mm)		
Pocket-to-Pocket Integrity		Yes		Minimum Neck Length	0.23" (5.8mm)		
"Active" Pockets (Linear)		10		Effective Push Cam Stroke (Less BIS) Max	2.500" (63.5mm) « New RDC Profile		
Shaped Can Option Capable		Not Applicable		KO Cam Stroke Max	1.681" (47.2mm) « New RDC Profile		
"Active" Pockets (Recirculation)		5		Cam Dynamics	Reduced Dynamics Cam (RDC)		
Rated Speed (CPM) (Linear Machine)		1600 CPM (160 RPM Max Turret Speed)		Cam Style	Matched Velocity		
Rated Speed (CPM) (Recirculation Machine)		800 CPM (160 RPM Max Turret Speed) Staged Infeed Only		Cam Working Arc	180 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	<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) Brake Circuit			Ram Assembly Style	Cast Iron Bushing with Dual Cam Followers		
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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 @ 30 ACFM (203mm-254mm HG @ 14.2 SLPS)			Main Drive Motor and Gearbox	Single or Multiple Drive: Configuration Dependent		
				Gearbox	Helical Bevel		
				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	Optional 450QC Waxer - Stand Alone		
				Transfer Starwheel	Quick Change Modular		
				Discharge Starwheel	Quick Change Modular		
				Face Seal Manifold	Modular FSM with HyComp Lining		
				Main Drive Side Bearing	Tapered Roller Bearing		
				Pusher Side Bearing	Radial Roller Bearing		