

# Technical Specifications

Technical Specifications	BCMS
Can Body Size Range	202 thru 307
Can Neck Size Range	307 to 28 mm
Maximum Can Height	804 (8.30", 211 mm)
Minimum Can Height	135 mm
Material Specification	(0.221 mm), Aluminum ~.0087
Number of Necking Turrets: Recirculating Machine	~18
Number of Pockets per Turret	10
"Active" Pockets (Recirculating)	5
Rated Speed (CPM): Recirculating Machine	600
Maximum Turret Speed (RPM)	120
Maximum Neck Shoulder Dimension	Approximately 2.90 in. (73.8 mm)
Maximum Neck Length	2.75 in. (69.8 mm)
Minimum Neck Length	0.23 in.
Effective Push Cam Stroke (Less BIS)	4.500 in.
KO Cam Stroke	2.870 in.
Cam Dynamics	Similar to 595SK at rated speed
Cam Style	Matched Velocity
Diameter Change Capability	One QC parts kit per can diameter
Height Change Capability	"Quick Change"
Ram Assembly Style	New precision linear bearing slide
Main Shaft Style	New longer 810 style
Guard Style	Aluminum Extruded Modular Bi-Fold
Drive Gearing	595 Horizontal Steel Gear Oil Bath

# Technical Specifications

Technical Specifications		Vertical Shaper Machine		Technical Specifications		Vertical Shaper Machine	
Can Body Size Range	1.779 in. (45.2 mm) to 2.875" (73.00 mm)		Maximum Neck Length	7.87 in.			
Can Neck Size Reduction	As Required		Minimum Neck Length	N/A			
Can Neck Expansion	11.5% Maximum (Material Spec Dependent)		Push Cam Stroke	5.10 in.			
Maximum Can Height	10 in.		Die Cam Stroke	3.98 in.			
Minimum Can Height	5 in.		Cam Dynamics	Reduced Dynamics			
Number of Pockets per Working Turret (Necking or Expander Turret)	12		Cam Style	Matched Velocity			
			Cam Working Arc	270°			
Number of Pockets per Transfer Turret	20		Diameter Change Capabilities	One QC parts kit per can diameter			
Pocket to Pocket Integrity	Yes		Height Change Capabilities	Quick Change			
"Active" Pockets (Linear)	12		Ram Assembly Style	Dual Cam Followers			
Rated Speed (CPM)	1200		Main Shaft Style	Vertical			
<b>REQUIRED UTILITIES:</b>	<i>Pressure Requirements</i>	<i>Flow Requirements</i>	Guard Style	Aluminum Extrusion Modular			
Dual Compressor Setup	70 psig (5 bar) Process Air	125 SCFM (59 SLPS) per necking or expander turret	Main Drive Motor & Gear Box	Single Drive or Dual Drive			
	80 psig (5.5 bar) Brake Circuit		Drive Gear	Steel Oil Lube			
Single Compressor Setup	80 psig (5.5 bar)	125 SCFM (59 SLPS) per necking or expander turret	Transfer Shaft Assembly	QC Capable Modular			
				Blowers	Floor Standing		
Vacuum / 1 Working Turret	18 in/Hg (458 mm/Hg)	44 ACFM (21 SLPS) per necking or expander turret	Infeed Star Wheel	20 Pocket			
				Discharge Star Wheel	20 Pocket		
Machine Overall Dimensions	Height	109 in.	Face Seal Manifold	12 Pocket Modular with HyComp Lining			
	Length	56 in.	Main Drive Side Bearings	2- Single Row Taper Roller Bearings			
	Width (1 Main Turret + 2 Transfer Turrets)	40 in.	Die Side Bearing	Deep Groove Ball Bearing			
	Width (with Single Main Turret)	19 in.					