

Technical Specifications

595

Technical Specifications	595 Shaped Can Necker	
Can Body Size Range	202 (52.8 mm) to 211 (66.2 mm)	
Can Neck Size Range	200 (50 mm) to 209 (62 mm)	
Maximum Can Height	7.51" (190 mm)	
Minimum Can Height	4.535" (115.2 mm)	
Number of Pockets per Working Turret	12	
Number of Pockets per Transfer Turret	12	
Pocket-to-Pocket Integrity	Yes	
"Active" Pockets (Linear)	12	
Shaped Can Option Capable	Yes	
"Active" Pockets (Recirculation)	Not Applicable	
Rated Speed (CPM)	Shaped Cans: 1200 CPM (100 RPM)	Un-Shaped Cans: 2400 CPM (200 RPM)
Required Utilities: Dual Compressor Setup	Pressure Requirements	Flow Requirements
	50 psig (3.4 BAR) Process Air 80 psig (5.5 BAR) Brake Circuit	<ul style="list-style-type: none"> • 80 SCFM (38 SLPS) per Necking Turret • 40 SCFM (19 SLPS) per Flanger, Trimmer, or Light Tester Turret • 50 SCFM (24 SLPS) per Reformer or Reprofilier Turret
Required Utilities: Single Compressor Setup	80 psig (5.5 BAR)	<ul style="list-style-type: none"> • 80 SCFM (38 SLPS) per Necking Turret • 40 SCFM (19 SLPS) per Flanger, Trimmer, or Light Tester Turret • 50 SCFM (24 SLPS) per Reformer or Reprofilier Turret
Required Utilities: Inspection Blow-Off (Lt/V)	80 psig (5.5 BAR) minimum	100 SCFM (24 L/s) per Blow-Off
Trimmer Scrap Vacuum Utilities (Minimum)	15" WG @ 5000 Ft/Min (381 mm WG @1524 M/min) (Per Trimmer Scrap Exit)	
Required Utilities: Vacuum	SHAPED CANS: 25 In/HG @ 20 SCFM/ Active Process Spindle (635mmHG @ 9.5 SLPS)/ Active Process Spindle Example: 12-Pocket Starwheel Module with 180° Cam Working Arc Yields; $12 \times (180^\circ / 360^\circ) \times 20 = 120$ ACFM/Module	UN-SHAPED CANS For Trimmer, Flanger, & Light Testers: 8-10 In/HG @ 5 SCFM/ Active Process Spindle (203mm-254mm HG @ 2.4 SLPS)/ Active Process Spindle Example: 12-Pocket Starwheel Module with 180° Cam Working Arc Yields; $12 \times (180^\circ / 360^\circ) \times 5 = 30$ ACFM/ Module

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Machine Overall Dimensions	Length	[31" (787.4mm) + 27" (685.8mm) xmm] x # Modules	
	Width (Non-Cradle Mount)	106" (2692mm)	
	Width (Cradle Mount)	131" (3327mm)	
	Height	99" (2514.6mm)	
Maximum Neck Shoulder Dimension	Approx. 0.81" (20.6mm)		
Maximum Neck Length	0.750" (19.05mm)		
Minimum Neck Length	0.23" (5.8mm)		
Effective Push Cam Stroke (Less BIS) Max	1.750" (44.4mm) (RDC)		
KO Cam Stroke Max	0.917" (23.3mm) (RDC)		
Cam Dynamics	Reduced Dynamics Cam (RDC)		
Cam Style	Matched Velocity		
Cam Working Arc	180 degrees		
Diameter Change Capability	One QC parts kit per can diameter		
Height Change Capability	"Quick Change"		
Ram Assembly Style	Cast Iron Bushing with Dual Cam Followers		
Main Shaft Style	Horizontal		
Guard Style	Aluminum Extruded Modular Bi-Fold		
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, Integral Model 480, hot wax or oil, gear driven		
Transfer Starwheel	Quick Change Modular		
Discharge Starwheel	Quick Change Modular		
Face Seal Manifold	Modular FSM HyComp Lining		
Main Drive Side Bearing	Tapered Roller Bearing		
Pusher Side Bearing	Radial Roller Bearing		