



The 595VE Neckers



The 595VE Series is Engineered for Longevity, Offering the Highest Cost-Effective Setup

Key Benefits

The 595VE Necker series is a robust modular machine. With features such as a solid ram design contained within a removable assembly for workshop rebuild, it's designed for longevity and reliability while delivering a consistent production quality can. The 595VE Necker is available in two models, the K and SK, at 2400 and 3000 cans per minute respectively.

The 595 Necker series have been valued engineered with a focus on efficiency and cost effectiveness. The turrets have been standardized, making machine operations streamlined by reducing, combining, and simplifying components. This standardization reduces the time required for can-size dependent changeovers while giving operators more flexibility by using common hand tools when making machine adjustments.

The 595VE SK model is fitted with spring-loaded cam followers, which facilitates a significant reduction in size changeover times.

Features

- Engineered for Longevity
- Modular Design
- Interchangeable Parts
- Quick-Change Height and Diameter Adjustment
- Pocket-to-Pocket Correlation
- Advanced Face Seal Manifold to Minimize Air Consumption
- Hard Chrome-plated Can Guides and Starwheels
- Optional Intermediate Infeeds
- Can Neck Lubricator
- Continuous Operating Speed up to 3000 CPM

The 595 VE Neckers

This feature along with higher drive power and better lubrication increased the rated speed, to achieve 3000 CPM.

Belvac's Intermediate Infeed was designed to increase flexibility and efficiency for the customer while saving equipment cost and floor space requirements. The addition of an Intermediate Infeed allows cans to be fed into the machine "downstream" of the primary infeed. Secondary can sizes can be run while requiring fewer necking stages than the primary without utilizing idle through kits on turrets prior to the Intermediate Infeed. By shutting operation off on the front half of the machine, operators do not lose costly utilities.

Similar to other Belvac Necking machines flanging, reforming, reprofiling, light tester, and inspection modules are available on the 595VE series. The advanced Intelligent Manufacturing System (IMS) and the High-Speed Selective Sorter (HS3) can be easily integrated into the 595VE series, which allows for dynamic quality control along with rapid sampling by Bodymaker ID, Color Dot, and Necker Pocket Number, while providing data for intelligent troubleshooting of upstream problems.

Technical Specifications		
Machine Dimensions (Length x Width x Height)	Length	27" (685.8 mm) per module
	Width	106" (2692.4 mm)
	Height	99" (2514.6 mm)
Can Body Size Range	202 (52.8 mm) to 211 (66.2 mm)	
Can Neck Size Range	200 to 209	
Can Height Range	3.30" (83.8 mm) to 7.51" (190.8 mm)	
Neck Length Range	0.81" (20.6 mm)	
Neck Shoulder Range	0.23" (5.8 mm) to 0.75" (9.1 mm)	
Rated Speed (Linear Machine)	"K" Style	2400 CPM (200 RPM Max Turret Speed)
	"SK" Style	3000 CPM (250 RPM Max Turret Speed)
Pockets per Working/ Transfer Turret	12/ 12	
Max Cam Stroke Push Side (Less BIS)	1.750" (44.5 mm)	
Max Cam Stroke Knock-Out Side	1.26" (23.3 mm)	
Cam Working Arc	180 Degrees	
Ram Assembly Style	Cast Iron Bushing with Dual Cam Followers	
Main Shaft Style	Horizontal	
Main Drive Motor and Gearbox	Single/multiple drive and gearbox (configuration dependent)	
Waxer	Optional, Can Neck Lubricator (Hot Wax or Mineral Oil)	



Sales@belvac.com
237 Graves Mill Road
Lynchburg, VA 24502 USA
434.239.0358
www.belvac.com