



# The Cupping Press



The Belvac Cupping Press Features High Process Reliability, High Output, and Unsurpassed Quality, Continuously Operating up to 300 SPM

## Key Benefits

Belvac offers state-of-the-art technology in the design and manufacturing of the new Cupping Press. The unique proven design requires no additional foundation requirements prior to installation, removing costly facility upgrades. The low maintenance design has a high precision guidance system, dynamic counter balancing with no vibration, and a decoupled main drive installation.

Other features include a quick release for shorter reaction time, and an encoder controlled automatic slide adjustment and clamped pressure point. The Belvac Cupping Press has reduced downtime for tool and coil change as well as maintenance and service. Innovative ideas such as the dynamic counter balance facilitates high production speeds.

A welded monoblock frame with reinforced bed provides increased durability and reduced die wear.

## Features

- No Foundation Requirements
- Low Maintenance
- High Precision, Gap Free Slide Guidance
- Encoder Controlled Automatic Slide Adjust and Clamped Pressure Point
- Decoupled Main Drive Installation
- Wear Free Hydraulic Clutch and Break Combination
- Zero Maintenance Direct Drive
- No Vibration Mass Counter Balance
- Spring Damper Installation
- Quick Release For Shorter Reaction Time



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Dynamic mass counterbalance combined with absorbing spring dampers allows the Cupping Press to reach speeds of 300 spm with low vibration and no foundation requirements. The press is mounted on anti-vibration pads and

damper elements to further eliminate vibration. The Cupper has a separated hydraulic and lubrication unit and a motorized size adjustment.

Technical Specifications	
Total Force	1,400 kn (154 tons)
Working Energy	15.5 kJ
Phase Shift	60
Strokes Per Minute	100 to 300
Bed Size Width	84" (2,135 mm)
Bed Size Depth	44" (1,120 mm)
Outer Slide	
Force	700 kn (77 tons)
Stroke Height	2" (50.8 mm)
Adjustment	1.96" (50 mm)
Shut Height SDAU [Slide Down, Adjustment Up]	22" (560 mm)
Size Width	84" (2,135 mm)
Size Depth	36" (915 mm)
Inner Slide	
Force	700 kn (77 tons)
Stroke Height	5" (127 mm)
Adjustment	1.96" (50 mm)
Shut Height SDAU [Slide Down, Adjustment Up]	28.5" (720 mm)
Size Width	59" (1,500 mm)
Size Depth	17" (430 mm)



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