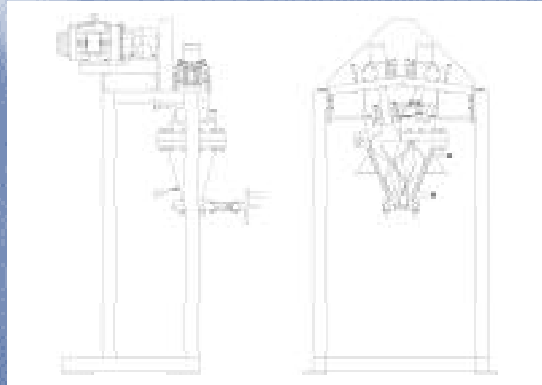


# BCV HELICONE MIXER



100 E. Franklin St.  
Warrenton, VA 20186  
TF: 888.567.8213  
P: 540.349.9425  
F: 540.349.8092  
dit@ditusa.com  
www.ditusa.com

## STANDARD SPECIFICATIONS

Capacity	Batch Range = 0.8 to 8 qt.	Maximum = 9 qt.
Drive	3 HP Constant Torque Vector Drive Motor, 230/460 VAC, 3 PH, 60 Hz, TENV/TEBC.	
Blades	Twin opposing helical blades with 270 degree twist; constructed of 316 SST with 16g polish finish. Blade speed is 1 to 65 rpm.	
Bowl/Head	Bowl is double intersecting cone-type designed for 150 psig positive pressure or vacuum to 0.2mm Hg at a temperature of 450 <sup>o</sup> F. Vessel is equipped with baffled jacketing to permit uniform circulation of heating and cooling medium at a pressure of 100 psig. The interior of the mix chamber will be constructed of 316 SST with 16g polish finish throughout and built in accordance with ASME code. Head is supplied with two loading, two NPT, one vacuum, and one sight port.	
O-rings	Viton O-rings are normally used, however, a wide choice of materials is offered. Selection is dependent upon the application and compatibility with the product.	
Seals	Mechanical seals designed for specified pressure / temperature service.	
Discharge*	Handwheel actuated slide valve, 316 SST with a 2.45" x 1.55" opening.	
Thermocouple	A "J" type thermocouple is located in the cusp of the vessel wall for monitoring the mix temperature.	
Bowl Lift or Cart*	Manually operated hydraulic lift for raising and lowering the bowl. Casters allow for handling and mobility (Cart only).	
Dimensions	39 3/4" Depth x 44" Width x 81 1/4" Height	
Weight	2,100 Lb.	

\* Discharge, Bowl Lift/Cart - Optional.