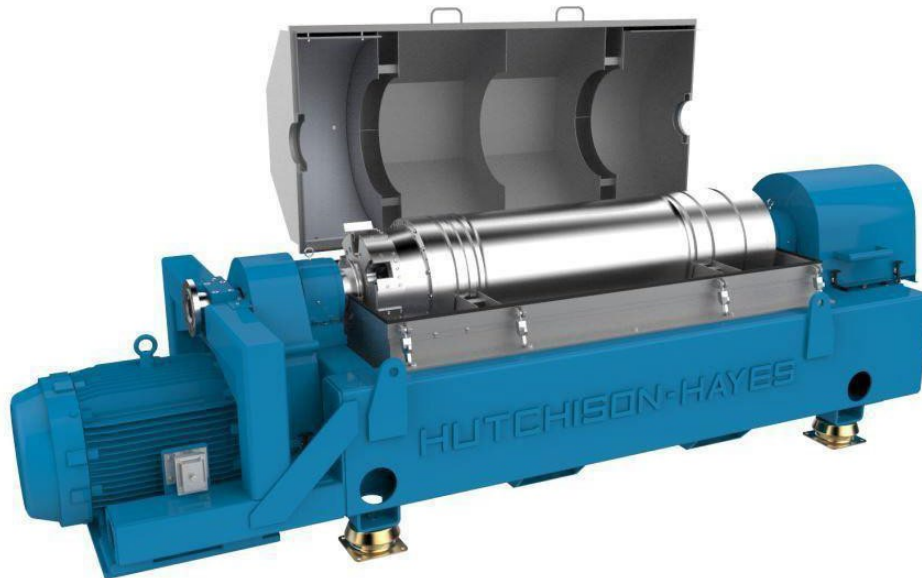


MegaBowl™ VFD Ready Configuration



The MegaBowl™ comes with a standard “VFD Ready” configuration of a drive system for the decanting centrifuge. This configuration allows for a fully variable main and back drive when using a VFD. The Centrifuge bowl is driven by a 150 HP inverter duty main drive motor and the conveyor is driven through a planetary gear box with a 40 HP inverter duty back drive motor.

This model comes equipped with all the standard features of a Hutchison Hayes manufactured machine. It has belt guard, vibration isolators, OSHA lid lift kit assist and decibel rating, Teflon protected lid (in solids area), Investment cast wear protection, one-piece centrifugal cast bowl, Safety switches and shutdowns. The bowl, conveyor and case lid are all of high grade SS 316.

TECHNICAL DATA SHEET

MegaBowl™ Standard Configuration

<u>Hydraulic Capacity</u>		<u>Bowl</u>	
Maximum rated	600 GPM	Diameter	19 inches
Min Temperature	30° F	Length	76 inches
Max Temperature	212° F	Conical section	10 degree pitch
Maximum RPM	3450 RPM	Conveyor pitch	5.5"
Run up time	8 minutes	<u>Gear box</u>	
Run down time	20 minutes	Ratio	1 : 47
<u>Materials</u>		Torque	72,000 in / Lbs.
Bowl	SS 316	Main motor	150 HP
Conveyor body	SS 316	Back drive motor	40 HP
Covers	SS 316	<u>Shipping Data</u>	
Conveyor Tips	Tungsten Carbide	Net weight	12000 Lbs.
Feed Nozzles	Tungsten Carbide	Gross weight	14000 Lbs.
Solids Discharge	Tungsten Carbide	L X W X H	176" X 58" X 65"
VFD controlled Main Drive speed selection:		500 - 3450 RPM	
VFD controlled Conveyor speed selection:		10 – 60 RPM	

