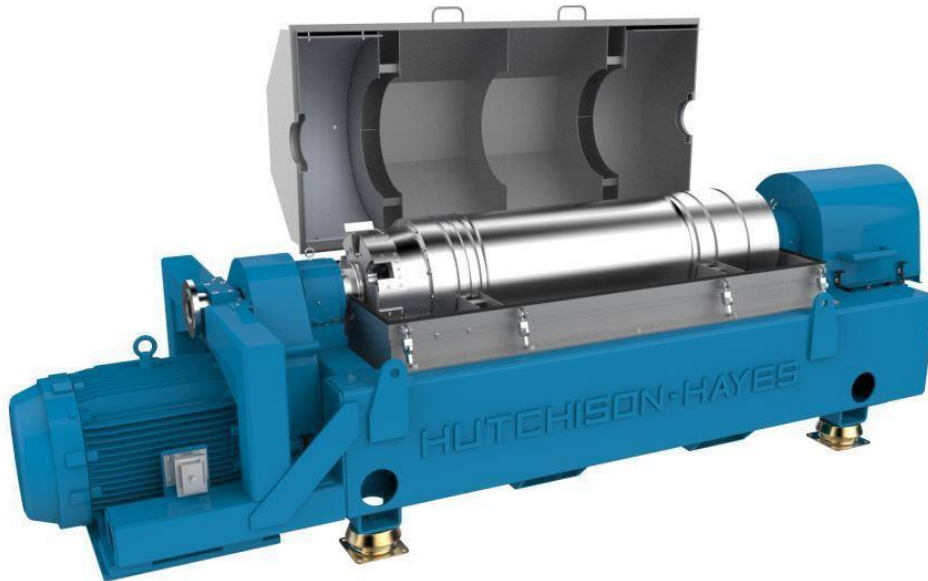




**Hutchison Hayes  
Separation Inc.**

## MegaBowl™ VFD Ready Configuration



The MegaBowl™ comes with a standard “VFD Ready” drive system which allows for full variability on both the main and back drive motors through VFD’s. The bowl is driven by a 150 HP inverter duty main drive motor and the conveyor is driven through a planetary gear box (49:1) with a 40 HP inverter duty back drive motor. The MegaBowl™ is engineered and manufactured within the same rigid standards as the HHS Model 5500 with many of the same features, plus more than twice the processing capacity. All major rotating assembly components are manufactured from centrifugal castings or forgings of either Duplex 2205 SS, or 316 SS. As with the 5500, the MegaBowl™ case is 316 SS. All major wear areas are protected with tungsten carbide and/or Stellite. This unit is manufactured to operate in a Class 1, Division 1 environment.



# Hutchison Hayes Separation Inc.

## Technical Data Sheet MegaBowl™ VFD Ready Configuration (Maximum Hydraulic Capacity - 600 GPM)

### Operating Parameters

Minimum Temperature	30° F
Maximum Temperature	212° F
Maximum RPM	3250 RPM
Run up time	8 minutes
Run down time	20 minutes

### Materials

Bowl/Heads	Duplex 2205 SS
Conveyor Body	316 SS
Base	Steel Tube
Cover/Case	316 SS
Paint	Epoxy
Conveyor Tips	Tungsten Carbide
Feed Nozzles	Tungsten Carbide
Solids Discharge	Tungsten Carbide

### Normal Main Drive

Speed range:	400-2100 G's (1220 - 2790 RPM)
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### Normal Conveyor

Differential range:	10-60 RPM
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### Bowl

Diameter	19"
Length	76"
Conical section	10°
Conveyor pitch	5.5"

### Gear Box

Ratio	49:1
Torque	90,000 lbs.-f/in.

### Shipping Data

Gross weight	13,700 Lbs
L x W x H	176" x 58" x 65"

### Electrical Requirements

Main Motor	150 HP
Back Drive Motor	40 HP
Full Load Amps	250 A - 300 A (460V, 3Ph, 60Hz)

