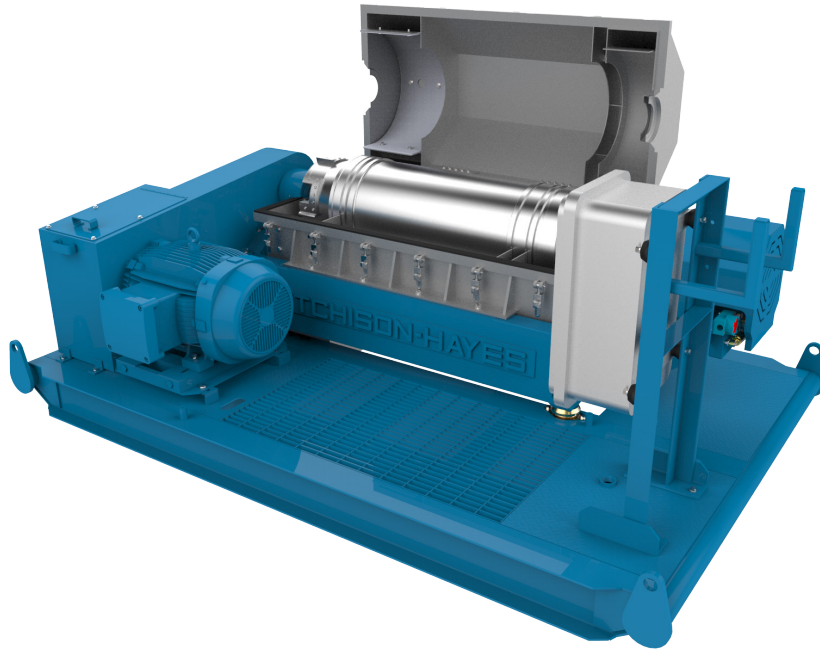




HHS Model 5500 Standard



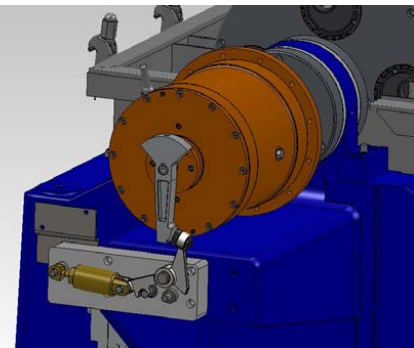
The HHS Model 5500 is the flagship of the HHS oilfield decanter centrifuge product offerings. The Model 5500 (16" x 55" rotating assembly) is offered in six (6) configurations to address a broad spectrum of customer specific applications. Predominantly all offerings of the HHS Model 5500 are manufactured to operate in a Class 1, Division 1 hazardous environment, though a NEMA 4 classification is available for non-hazardous applications.

All configurations of the HHS Model 5500 are engineered and manufactured to withstand the harsh treatment of the oilfield environment. Historically, the most popular configuration is the HHS Model 5500 Standard. This unit is operator-friendly with dual speed sheaves to allow a quick change from low speed to high speed by simply moving the belt. The conveyor is driven through a 53:1 ratio gearbox with a torque limiting assembly to protect against mechanical overload. The unit is equipped with a NEMA 7 panel with Start-Stop functionality on main motor and feed pump motor. The processing capabilities of the 5500 Standard are also available in a reduced footprint configuration, the HHS Model 5500 SlimLine™ Standard.

The HHS Model 5500 can be configured to provide full variability regarding the bowl and conveyor (10 to 60 RPM) powered by fully-hydraulic drive or fully-electric drive in the HHS Model 5500 Full Hydraulic Drive or the HHS Model 5500 VFD-Ready (Narrow Profile or SlimLine™), respectively.

For applications requiring variability on only the conveyor (10 to 60 RPM), HHS offers HHS Model 5500 with Hydraulic Back Drive. The bowl is operated at either low or high speed through a dual speed sheave.

Depending upon the configuration, the torque limit capacity of the various models ranges from 36,000 lb.-f/in. to 65,000 lb.-f/in. All wetted components are manufactured from 316 stainless steel and wear areas are protected with tungsten carbide.





Hutchison Hayes Separation Inc.

Technical Data Sheet HHS Model 5500 Standard

Maximum Hydraulic Capacity 230 GPM

Minimum temperature	30° F
Maximum temperature	212° F
RPM standard step sheave	2,000 & 3,050 RPM
Run up time	8 minutes
Run down time	20 minutes

Materials

Bowl	AISI 316
Conveyor body	AISI 316
Base	Cast iron
Cover/Case	SS 316
Paint	Epoxy
Conveyor tips	Tungsten Carbide
Solids discharge	Tungsten Carbide
Feed nozzles	Tungsten Carbide

Bowl

Diameter	16"
Length	55"
Conical section	10°
Conveyor pitch	4.25"

Gear box

Ratio	53:1
Torque	36,000 lb-f/in.

Shipping Data

Net weight	8,200 Lbs
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Electrical Requirements

Main Motor	60 HP
Full Load Amps	72 (460V, 3ph., 60Hz)

