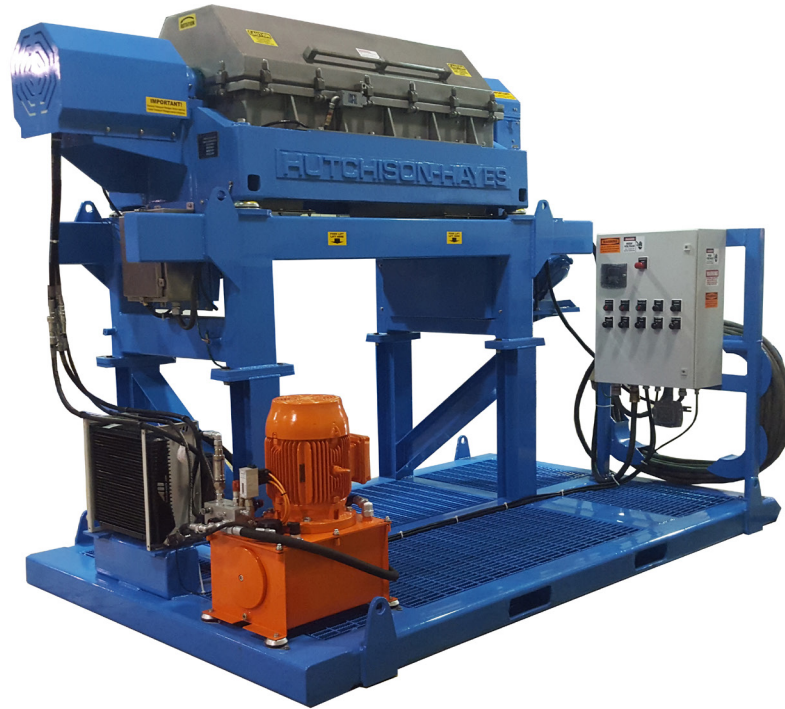




## HH5500 Slimline Hydraulic

Nutrient Control Systems is the distributor for the HH5500 Slimline Hydraulic. Specially-designed for nutrient recovery, the HH5500 Slimline Hydraulic features the Viscotherm™ hydraulic back drive system for full variability on differential conveyor speed.



The HH5500 Slimline Hydraulic offers the following:

- Removal of fine solids particles from slant screen/separator effluent.
- Produces a dry (>25%) stackable solids cake.
- Solids recovery (=70%) without the use of chemical flocculants.
- Phosphorus removal (=70%) from manure effluents.
- Removal rates (>90%) of solids and phosphorus are attainable with chemical addition.

Real benefits on the farm:

- Apply more water to less acreage.
- Cleaner, recycled flush water.
- Decreased solids accumulation in lagoons and pits.
- Chemical-free - polymers/flocculants are not required to achieve instant results.



# Hutchison Hayes Separation Inc.

## Technical Data Sheet HH5500 Slimline Hydraulic Configuration

(Maximum Hydraulic Capacity - 230 GPM)

Operating Parameters		Bowl	
Minimum temperature	30° F	Diameter	16"
Maximum temperature	212° F	Length	55"
Maximum RPM	3050 RPM	Conical section	10°
Run up time	8 minutes	Conveyor pitch	4.25"
Run down time	20 minutes		
Materials		Rotodiff	
Bowl/Heads	AISI 316	Differential Range	1-34
Conveyor body	AISI 316	Torque	5,400 N/m
Base	Steel tube		
Cover/Case	316 SS	Shipping Data	
Paint	Epoxy	Gross weight	7,500 Lbs
Conveyor tips	Tungsten Carbide	L x W x H	132" x 54" x 67"
Feed Nozzles	Tungsten Carbide		
Solids Discharge	Tungsten Carbide	Electrical Requirements	
		Main Motor	60 HP
Centrifugal Force:	2100 G's	Hydraulic Pump Motor	25 HP
		Full Load Amps	90A - 110A (460V, 3ph., 60Hz)
Normal Conveyor Differential range:	1-34 RPM		

Exclusive Distributor for Hutchison Hayes



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