



Decanter ECHO-3



Specifications

BOWL			
Material:	Duplex 2205	Sigma Max:	7318m ² (78770ft ²)
Diameter:	508mm (20")	Beach Length:	19.68" (500mm), 4 to 1
Bowl Length:	2032mm (80")	Beach Angle:	8°
Discharge Ports:	(12) Tungsten Carbide	Effluent Ports:	(6) Eccentric Dams
Wear Plates :	Urethane, Hardened Steel, or Teflon options		
CONVEYOR			
Type Design:	Radial	Lead Direction:	Left
Speed:	3550rpm - Max	Related Bowl Movement:	Leading
Tiles:	50% Tiles, 50% HF	Feed Zone:	Replaceable
GEARBOX			
Type:	Planetary	Ratio Options:	6.0kNm (144:1)/ 7.1kNm (55:1)
Position:	Inboard	Max Input Torque:	41.7Nm/ 130Nm
Differential Speed (Max):	6.0: 40rpm/ 7.1: 70rpm	Max Output Torque:	4425 lbf.ft/ 5240 lbf.ft
CAPACITIES			
Feed:	500 GPM (1893 LPM) Max	Bowl Motor:	125HP(93kW)/150HP (112kW)
Max Acceleration:	3578 g-force	Conveyor Motor:	20HP(14.9kW)/40HP (29.8kW)
CONTROL PANELS			
Classification:	UL Class 1, DIV1	Types:	Fully Variable
Power Requirement:	380/480 VAC, 3 Phase	Optional Communication*:	Wireless, GPS Router/ Satellite
Onboard A/C:	No	*Optional HMI Operating System, Zone 1 rated	
DIMENSIONS			
Centrifuge:	Length: 190" (4826mm) Width: 47" (1194mm) Height: 56" (1422mm) Weight: 10,500lbs (4,763kg)	Control Panel:	Length: 84" (2133mm) Width: 36" (914mm) Height: 84" (2133mm) Weight: 2,225lbs (1,009 kg)
SAFETY FEATURES			
Spring Assist Lid	High Vibration Safety	Case/ Cover Open Safety	Over Torque Safety
*Bearing Vibration and Temperature Sensors (HMI)	Start/ Up, Shut/ Down Cycle	Emergency Stop	Main Power Disconnect

Contact Us

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