

# **G Tech**

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**ECHO-3**

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## Specifications

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