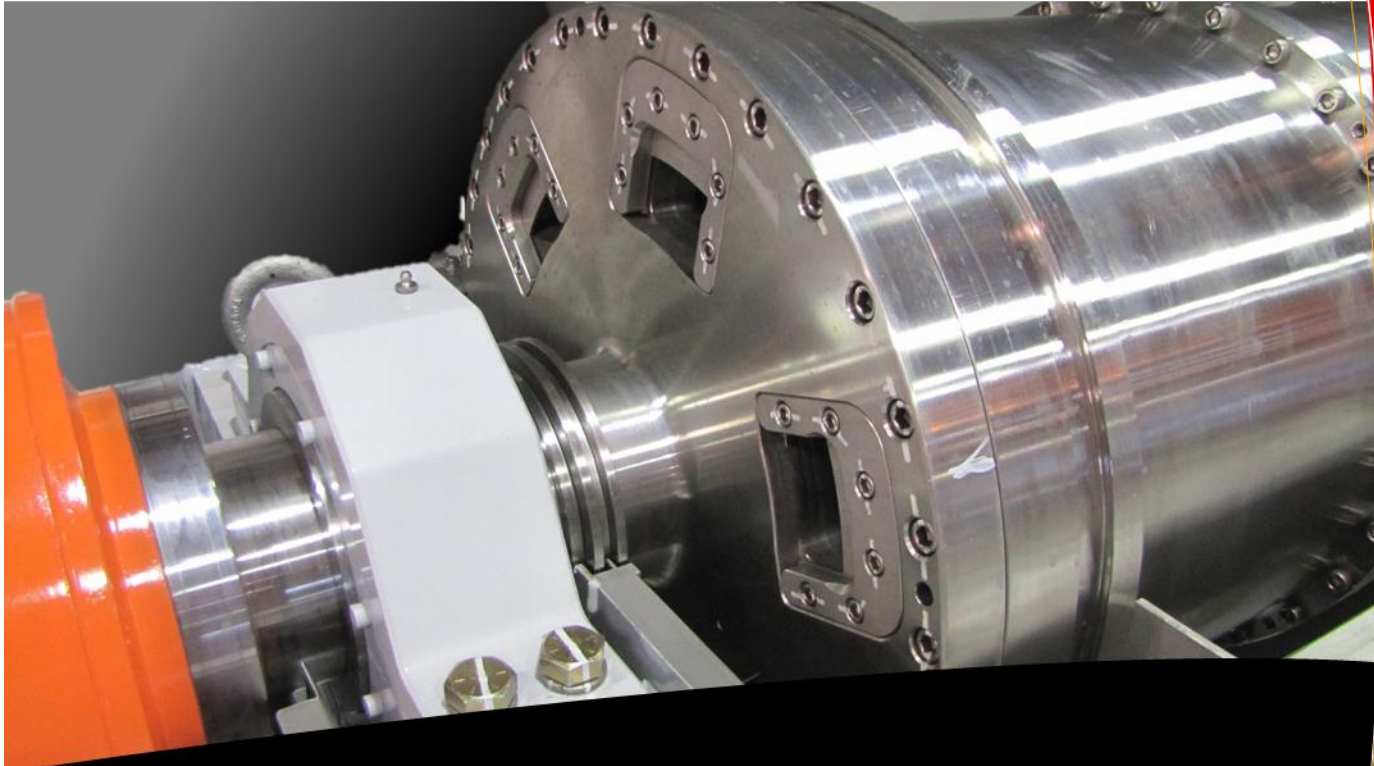




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# ECHO Decanter Centrifuge

The GTech USA ECHO Decanter Centrifuge is manufactured utilizing the highest quality materials and modern manufacturing equipment and techniques. The rotating assembly is approximately 20" x 80" and is constructed entirely of Duplex 2205 stainless steel. The rotating assembly is dynamically balanced to the applicable ISO standards to insure reliable operation in demanding high speed applications. The centrifuge comes standard with tungsten carbide tile throughout the length of the feed zone. The balance of the conveyor flight is protected with tungsten hardface. The solids discharge area features field replaceable tungsten carbide protection. The feed chamber is equipped with a replaceable tungsten carbide hardfaced accelerator plate and tungsten carbide feed nozzles. The base is fabricated steel and the case and cover are 316 stainless steel. This centrifuge will give you a max throughput of 500gpm.

Max Bowl Speed	Max Density of Product with 2205 S/S Bowl	G-Force
2700 RPM	2500 Kg/m <sup>3</sup> (156 lb/ft <sup>3</sup> )	2070
3250 RPM	1800 Kg/m <sup>3</sup> (112 lb/ft <sup>3</sup> )	3000
3550 RPM	1400 Kg/m <sup>3</sup> (87 lb/ft <sup>3</sup> )	3578

Gearbox	6.0kNm	7.1kNm
Max Output Torque	6.0kNm (4425 lbf.ft)	7.1kNm (5240 lbf.ft)
Max Input Torque	41.7Nm (314 lbf.in)	130Nm (1150lbf.in)
Ratio	144:1	55:1
Differential Speed	Minimum 5 rpm Maximum 40 rpm	Minimum 10 rpm Maximum 80 rpm

