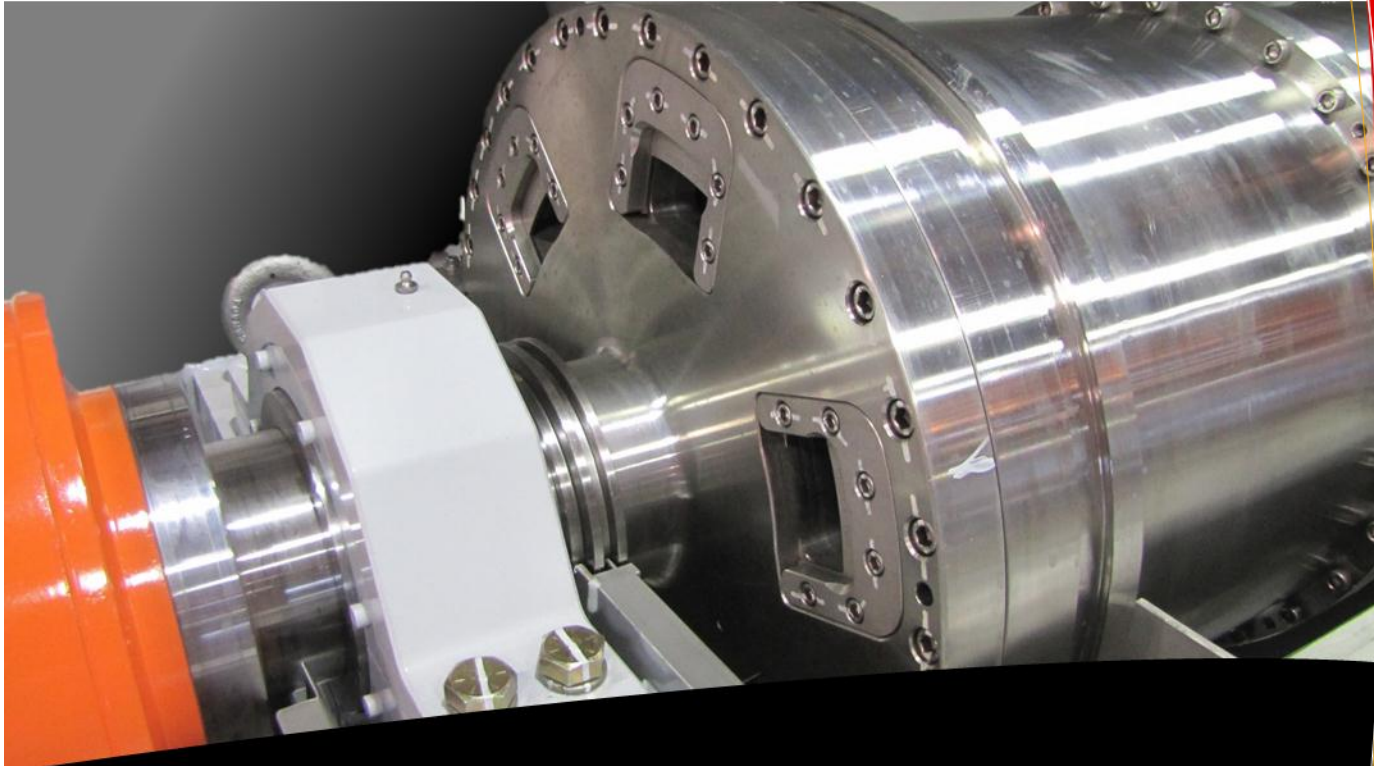




2511 N Frazier St.
Conroe, TX 77303
Phone: 281-290-9229
Fax: 936-494-0012
www.gtech-hiltech.com



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1456 Decanter Centrifuge

The GTech USA 1456 decanter centrifuge is manufactured utilizing the highest quality materials and modern manufacturing techniques. The rotating assembly is 14" x 56" and is constructed entirely of 316 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 with the balance of the conveyor flight protected with tungsten hardface. The solids discharge area features field replaceable tungsten carbide protection with integral tungsten carbide solids wiper plow. The base is fabricated steel and the case and cover are 316 stainless steel. High vibration, over torque, and cover open safeties are standard features.

Performance Specifications

Hydraulic Capacity:	40m ³ /hr
Maximum Bowl Speed:	4,000 rpm
Differential Speed:	2 TO 50 rpm
Max Throughput:	140gpm
Bowl Inside Diameter:	353mm
G-Force @ 1875 RPM:	700G
G-Force @ 3250 RPM:	2100G
G-Force @ 4000 RPM:	3200G

Gearbox		3.5kNm
Max Output Torque		3.5kNm (2581 lbf.ft)
Max Input Torque (Trip out torque)		61.4Nm (543lbf.in)
Gearbox Ratio		57:1

