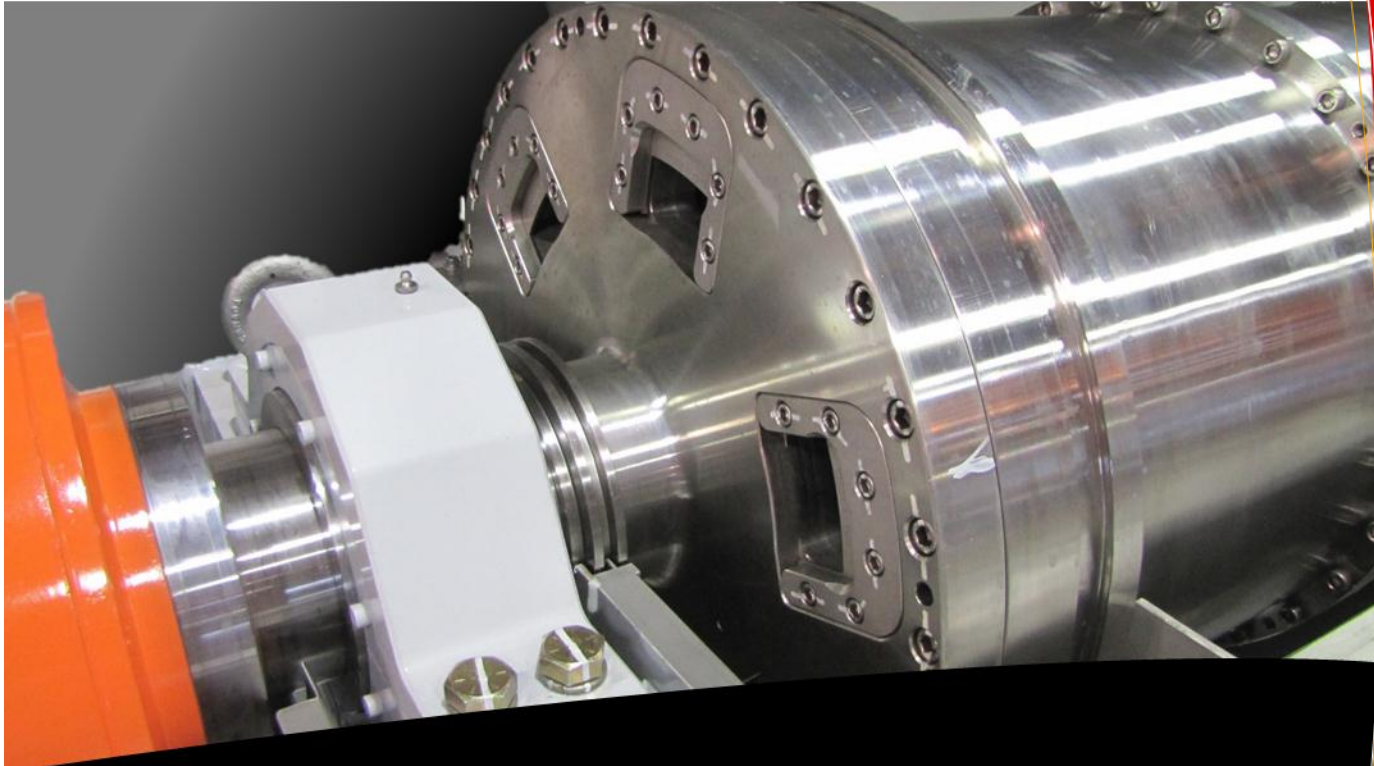




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# 1656 Decanter Centrifuge

The GTech USA 1656 decanter centrifuge is manufactured utilizing the highest quality materials and modern manufacturing techniques. The rotating assembly is 16" 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 feed chamber is equipped with a replaceable tungsten hardfaced accelerator plate and tungsten carbide feed nozzles. 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

Normal Bowl Centrifugal Acceleration:	2,140 G [21.0 km/s <sup>2</sup> ]
Normal Bowl Operating Speed:	3,053 rpm
Normal Conveyor Operating Speed:	2,995 rpm
Max. Bowl Centrifugal Acceleration:	3,140 G [30.8 km/s <sup>2</sup> ]
Max. Bowl Operating Speed:	3,700 rpm
Max. Throughput:	205 gpm

Gearbox	4.1kNm	7.1kNm
Max Output Torque	4.1kNm (3025 lbf.ft)	7.1kNm (5240 lbf.ft)
Max Input Torque (Trip out torque)	77Nm (673 lbf.in)	130Nm (1150lbf.in)
Gearbox Ratio	53:1	55:1

