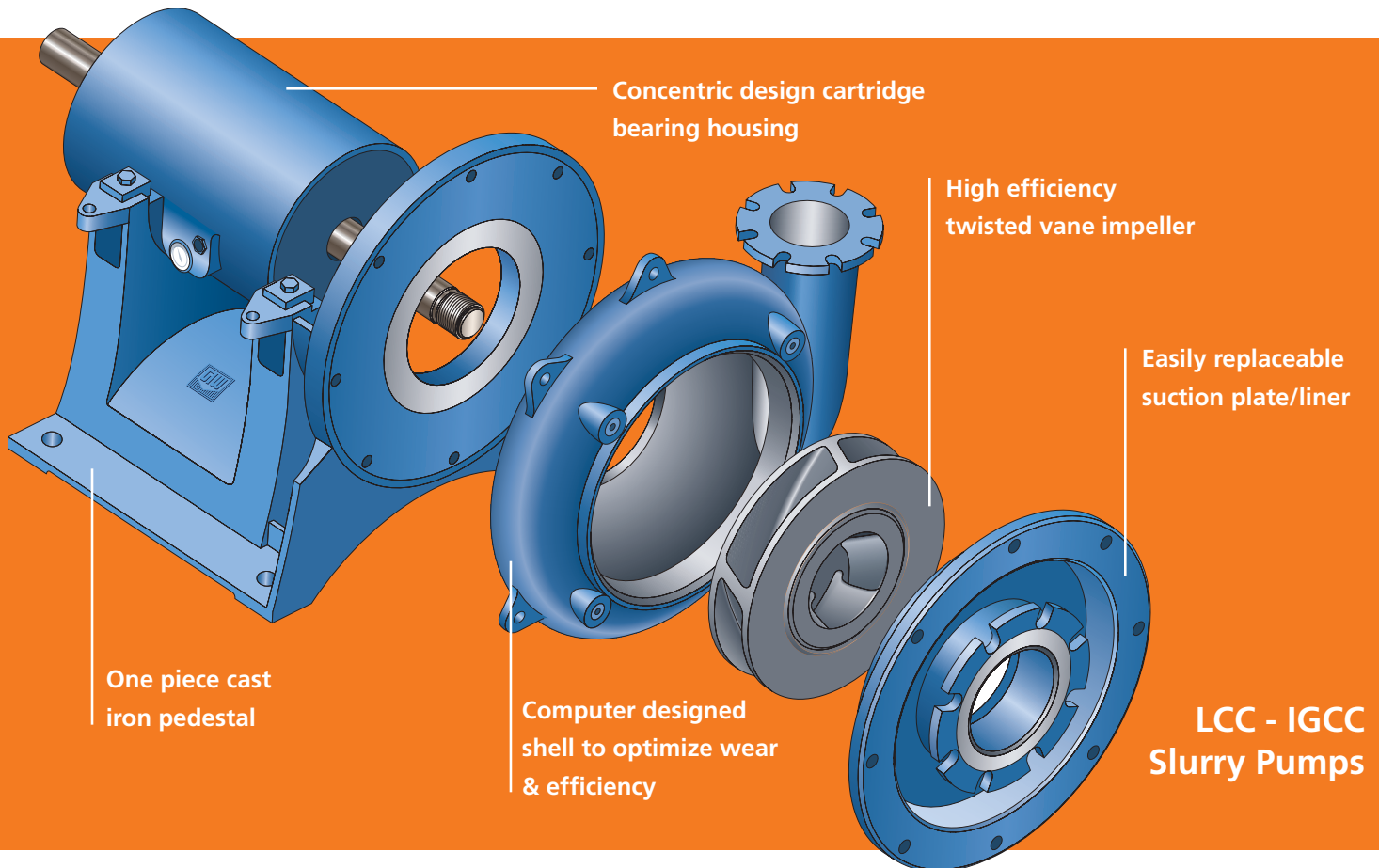


Pumps for IGCC Market (Integrated Gasification Combined Cycle) The Best Material Options for the Longest Wear Life

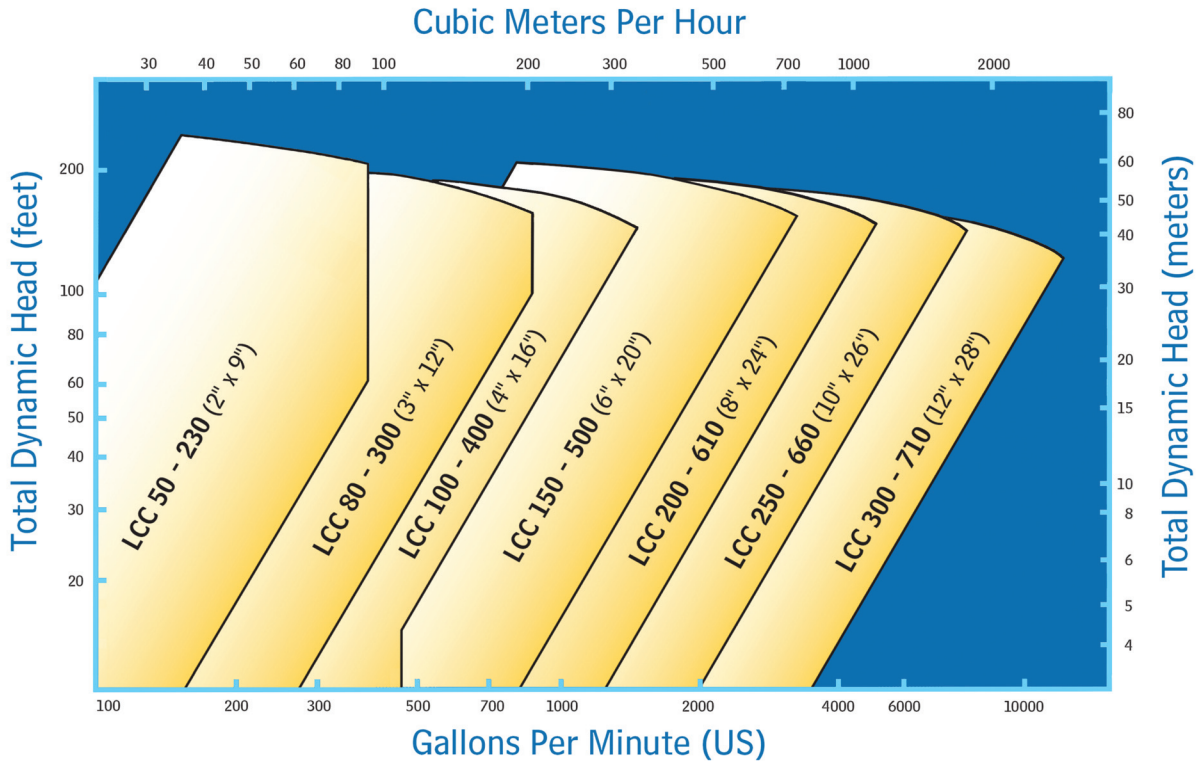


GIW delivers non-stop solutions for boosting productivity and profits. Since its inception, the IGCC market has chosen LCC slurry pumps for successful use and performance.

The first full scale IGCC utility project in Polk County, Florida selected the GIW LCC metal pumps. Currently, GIW LCC pumps operate in Delaware in a refinery IGCC project, and were recently selected for use on a new IGCC utility project in Indiana. The LCC pump, constructed with GIW's highest corrosion and erosion resistant materials, is the best option for IGCC operations.



LCC offers Wide Selection Range



LCC Design Features

Advanced Hydraulic Design: Uses the latest technology tried and tested in GIW's Hydraulic Laboratory and in the field.

Heavy Duty Metal Pumps: Heavier metal sections and hydraulics suited to the most corrosive and erosive duties.

Large diameter shaft and bearings provide longer bearing life than the market standard L10 bearings.

Impellers: Twisted three vane design yields high efficiency and low suction pressure.

Cartridge Bearing Assembly: CNC machined cast iron cylindrical housing, double row tapered roller bearing handle mechanical and thrust forces and standard INPRO Bearing Isolators.

	Flow (GPM)	Head (ft)	Pressure (psi)	Temperature (°F)	Design
LCC	up to 13,000	up to 200	up to 87	up to + 248	The hydraulic wet end consists of three components: a shell, impeller and a suction plate/liner to permit easy removal for maintenance and inspections.



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