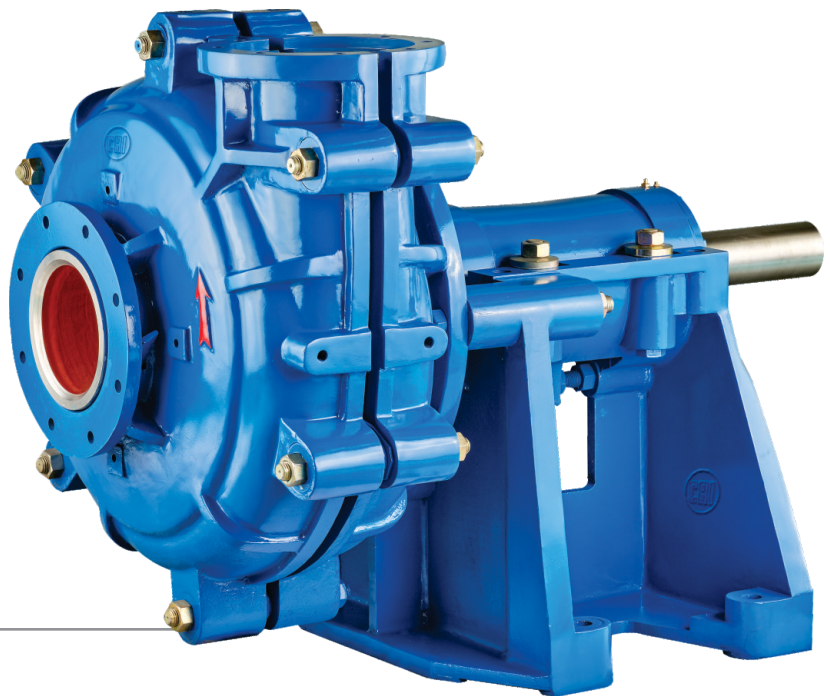




C.R.I. PUMPS

Pumping trust. Worldwide.

Performance Beyond Expectation



ECH SERIES

END SUCTION SLURRY PUMP

APPLICATIONS

- Mineral & ore processing
- Cyclone feed & under - flow
- Tailings disposal
- Lime & clay slurry
- Classifier & thickener under - flow
- De-watering, wash down & sluicing
- High density slurry & sludge
- Coal & ash slurry
- Beach (sand) recovery

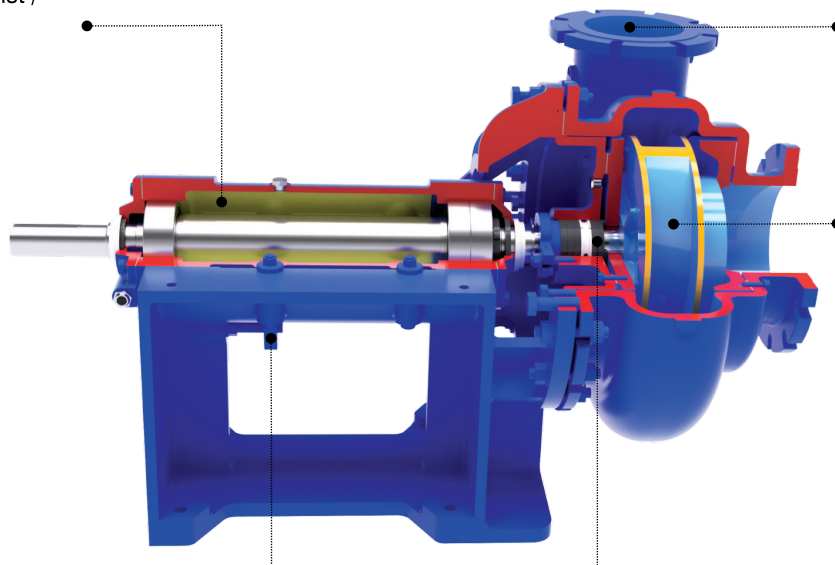
CRI's commitment to deliver Reliable product to customers, enriched by acquisition of UK based Pumps & Process Systems design and its innovative state of the art manufacturing facility.

ECH series - Rugged and High quality, Horizontal single stage End suction centrifugal frame mounted hard metal pump with / without metal / rubber lining, designed as per manufacturer standard, to pump high density slurries quite efficiently with low power consumption.

12+ wholly owned subsidiaries spread across all continents with assembly / packaging and technical support capabilities, to ensure timely delivery and service

FEATURES & BENEFITS

Large oil sump with oil mist / oil bath lubrication - **Increases MTBF**



360 degree rotation tangential discharge casing - **Flexible discharge positions**

Hard metal and wide passage closed impeller - **High abrasive solid handling**

Jack screw arrangement for impeller clearance adjustment - **Restores pump efficiency**

Graphite impregnated PTFE / Single or Double mechanical seal - **Environment safety**

- Compact drive design with Overhead motor* mounting option - Space saving & Maintenance friendly
- Hard & Tough material with 500 to 600 BHN - Maximum wear life
- Vertical sump configuration also available
- Twin casing (ECHT), Rubber lined casing (ECHR), Dredging (ECD) configuration also available
- 12 pump sizes with 3 bearing frame assembly ensures spare parts interchangeability, reducing inventory cost

TECHNICAL SPECIFICATIONS

50Hz

■ Flow	:	Upto 3000 m ³ /h
■ Head	:	Upto 96 m
■ Power	:	Upto 315 kW
■ Solid handling sizes	:	Upto 127 mm
■ Outlet size	:	Upto 350 mm
■ Liquid temp.	:	Upto 90°C**
■ Pressure	:	Upto 16 bar
■ MOC	:	Hi-Chrome, CI with 2% NI

Note :

*For limited motor ratings only

**Contact manufacturer above 90°C



ECH - REV 2 - FLYER - 10/19



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