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SPECIALIST FLUID HANDLING EQUIPMENT

CENTRIFUGAL PUMPS



C.P. PUMPEN:- Chemical process pumps, magnetic coupled glandless and conventionally mechanically sealed, in exotic materials, PFA and ceramic linings. Short immersed pump systems with ejectors for difficult liquid tank transfer, from “top entry only” tanks.



FYBROC:- Corrosion proof, FRP (Fibreglass), centrifugal pumps for acid, fluoridic, caustic, seawater, bleach and abrasive duties, including self priming and vertical and cantilever sump pumps.



MARELLI:- An extensive range of heavy duty, API 610 centrifugal pumps, including single and multistage, vertical and horizontal designs for oil and gas, water and fire fighting applications. Now part of the Sundyne group and complementing the traditional high speed and vertical in-line Sundyne pump ranges.



SUNDYNE PUMPS:- **SUNDYNE API 610** process pumps and **SUNFLO** industrial pumps – Low flow applications and integral high speed gearbox pumps for multi-stage pump performance from a compact, single stage unit (up 1800m developed head)

SUNDYNE / HMD KONTRO:- The **API 685** version of the HMD Sealless magnetic drive pump range for petrochemical and refinery applications.

SUNDYNE-NIKKISO:- Manufacturer of the Sundyne HMP3000 and HMP5000 two stage high speed centrifugal process pumps for low flow applications of up to 4,500 metres differential head.

POSITIVE DISPLACEMENT PUMPS



BORNEMANN:- Twin Screw internal & external bearing pumps, triple screw internal bearing pumps and eccentric helical rotor pumps. Packaged pump, lubrication, fuel and blending systems and specialist Multiphase pumps for oil and/or gas.



LEWA:- Glandless diaphragm and plunger pumps to API 675 for metering and high pressure applications. Also bellows and pulsator heads, laboratory and pilot plant pumps and complete packages for metering and mixing incorporating where required, state-of-the-art electronic and computer controls.



PERONIPOMPE

PERONI:- High pressure triplex and multiplex plunger pumps to API 674 and ASME standards. Heavy duty design and multiple seal options for critical, continuous process applications.



SCHERZINGER:- Standard and special design gear pumps, for general and chemical duties, including glandless, magnet drive designs. Also, pressure relief valves, suction strainers with check valves.

COMPRESSORS & TURBO EXPANDERS



CRYOSTAR:- Cryogenic equipment specialists with world leading turbo-expander range for hydrocarbon process industry applications. Equipment includes Compressor Loaded Turbines, Generator Loaded power recovery turbines, Cryogenic liquid and gas expanders and Turbomachines for hydrocarbon applications.



LEWA:- Reciprocating, low pressure ratio, glandless diaphragm compressors.



SUNDYNE:- High speed, centrifugal gas compressors, partial and full emission, for powers ranging from 5 to 2500 kw, including API 617 designs.

HEAT EXCHANGERS



BARRIQUAND:- Combined plate and shell & tube “platular” code stamped heat exchangers with customised applications and construction from a range of fully welded or access cover designs in stainless steel or exotic alloys. Widely applied for pharmaceutical applications and for condensers, particularly vent condensers on vacuum services.



GRAHAM:- “Heliflow” helical coil, code stamped, heat exchangers for cooling, condenser, vapouriser applications. Pressures exceeding 12,000 psig, temperature gradients between the two fluids up to 280°C.

VACUUM EQUIPMENT, CONDENSERS & EJECTORS



GRAHAM:- Vacuum Products. Compete engineering solutions by integrating vacuum products into the process. Products include single or multiple stage Ejector systems provided as components only or as complete packages, custom designed Process Vacuum Condensers between the vacuum process and vacuum producing system and Graham Liquid Ring Vacuum Pumps, which are an integral part of the highly efficient vacuum systems.
