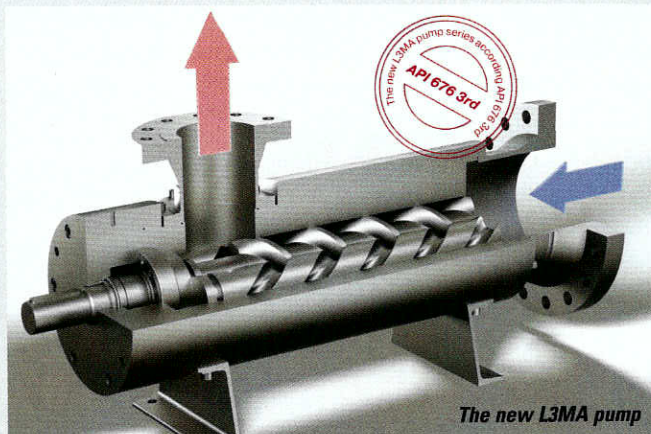


Leistritz releases new L3MA triple screw pumps

THE RECENTLY RELEASED L3MA series of triple screw pumps from Leistritz Pumpen is designed to comply with the American Petroleum Institute's API 676 standard (third edition) for rotary positive displacement pumps in the oil and gas, petrochemical and chemical industries.

Triple screw pumps are self-priming rotating positive displacement pumps suited to handle various oil types and other liquids with a minimum lubricating quality. The design simplicity makes these screw pumps intrinsically reliable and efficient, claims the company. Only three moving parts – a driving spindle and two idler spindles – rotate inside a casing with close tolerances, so forming sealed chambers and provoking the axial displacement of the fluid. The idler spindles rotate without contact with the driving spindle because of the fluid itself. The accurate hydraulic balance and special profile of the screw thread enable a continuous flow with minimum pulsations and turbulence, resulting in low noise levels, even at high rotational speed.

Until now triple screw pumps have been adapted to comply with this standard. Leistritz decided to find the optimum solution and



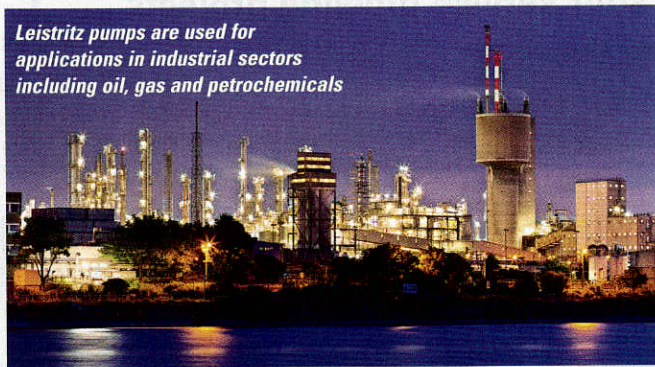
The new L3MA pump

came up with a new concept. The new L3MA pump has no separate steel casing with an internal liner for the screw spindles to run in. A new spindle material makes it possible to have the spindles run directly in a steel casing and avoids an expensive construction with a coating in a separate liner.

Only three static seals - executed as O-ring seals instead of flat gaskets - are used, eliminating the risk of leakage due to insufficient compressed flat gaskets, claims the company. A single balanced acting mechanical seal has been chosen as the shaft seal. A cartridge seal can be provided as an option. Suction and discharge flanges are according to ANSI B 16.5 class 300 lbs.

The L3MA pump series is available in 12 different frame sizes with defined rotor pitch angles. The pump has a maximum flow rate of 276 m³/h, a differential pressure of 20 barg and maximum speed of 3600 rpm. A minimum viscosity of the pumping fluid should be around 10 cSt to continually secure the required lubrication.

Leistritz pumps are used for applications in industrial sectors including oil, gas and petrochemicals



New acquisition brings manufacturing synergy to support growth

ITALY-BASED RACCORTUBI IS confident that its acquisition of Petrol Raccord, announced at the end of 2014, will support growth, as well as bringing benefits such as greater cost efficiency.

The acquisition is the latest in a number of recent investments by Raccortubi, which in 2013 set up three commercial subsidiaries with their own warehouses in Dubai, Singapore and São Paulo to develop its business in the Middle East, Southeast Asia and South America.

Founded in 1949, Raccortubi specialises in the production and distribution of pipes, tubes, fittings and flanges for a wide range of industrial applications, such as chemical and petrochemical plants, oil installations, power plants, shipyards and offshore platforms. The commercialisation of these products has been complemented since 1988 by the provision of butt weld fittings in stainless steel and special alloys produced internally by the group's Technox manufacturer. The group has benefitted from continuous growth over the years, which it attributes to the lean production method and long-standing relationships established with



An example of Petrol Raccord fittings

international EPC contractors and end users.

Petrol Raccord, meanwhile, has a workforce of almost 100 people. Established in 1969, it has gained significant recognition in the pipe fittings industry on a global scale thanks to its manufacturing range, technological capabilities and added value

based on the customisation of products, according to Raccortubi.

The acquisition sets in motion a series of manufacturing, commercial and international synergies, as well as the possibility to develop greater cost efficiency through group optimisation.

"The inclusion of Petrol Raccord within our group will allow us to propose more complete and interesting solutions to our clients. We are now a group of approximately 220 people with a solid manufacturing and distribution base which operates worldwide," said Sunzeev Swami, managing director of Raccortubi Middle East.

Petrol Raccord will be working alongside Technox to extend the whole production range from ½" to 56". It will focus in particular on stainless steel, duplex, superduplex and special alloys, while maintaining its existing production of low and high carbon alloys for the power industries. Petrol Raccord produces butt weld fittings up to 56" almost without wall thickness limitations and holds an impressive number of end user approvals, including that of Saudi Aramco.