



November 2012

Manuli Hydraulics announce the release of two innovative integrated solutions: **XXL HOSES & CONNECTORS** and the **GOLDENISO** range

These new products confirm Manuli Hydraulic's core approach of product integration (hoses, fittings, assembling machines and instructions) from the design phase to application. These new product lines meet specific market needs (large bore hoses and connectors and isobaric range) offering end users a comprehensive technical solution.

XXL HOSES & CONNECTORS Large bore option for high flow rate

Medium-low pressure families for return/suction lines and auxiliary systems:

- . XTRAFLOW/HT: low pressure hose for very high temperature applications (135 °C)
- . XTRAFLOW/2WB: low pressure hose with wire braid construction
- . XTRAFLOW/4WS: medium pressure hose with spiral construction

High pressure families for feed lines, pressure and discharge lines or special applications; the product range is designed with an isobaric approach and is available in the following pressure levels:

- . DIAMONDSPIR/14: 140 bar
- . DIAMONDSPIR/21: 210 bar
- . DIAMONDSPIR/35: 350 bar



Order information:

the XTRAFLOW/4WS new version, previously released with IntelLock Plus fittings, has been reviewed in consideration of the lower pressures requested by the market. This led to use different fittings: SPIRALFIT with lower working pressure than the previous product (don't miss the data sheet for details) In case higher pressures are requested by the application, the isobaric lines DIAMONDSPIR/14, 21, 35 are recommended.



GOLDENISO: isobaric products for compact and efficient hydraulics

Medium and High pressure families for hydraulics:

. GoldenIso AntiWear (210, 280 bar): Compact structures, light, flexible and with upgraded wire braid construction, using a Super High Abrasion Resistant Cover (SHARC) to offer extreme durability even in the most arduous environments

. GoldenIso Xtraflex (210, 280, 350, 420 bar): offers constant pressure ratings in traditional levels with superior flexibility and reduced weight. Durability is guaranteed with integrated fittings: Interlock Plus for maximum impulse performance and SpiralFit for easy, fast, simple maintenance

. GoldenIso LongLife (380, 460 bar): ultra high pressure rating to better withstand the most severe working conditions. These hose lines are designed to meet the requirement of the most demanding OEMs, achieving up to 2 million impulse cycles with Interlock Plus fittings

