



Hydro-Lek Ltd

Press Information

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For immediate release

New work class manipulators from Hydro-Lek

Hydro-Lek Ltd has announced the introduction of a new range of complementary work class manipulators, the HLK-40400 5 function and HLK-40500R 7 function arms. The simplicity of design and inherent ruggedness make these arms cost effective and easy to use.

Low power consumption is a unique feature of both arms: the hydraulic power required is 1.5 Kw max and as all joints are hydraulically locked in dormant mode there is no need for constant flow to maintain position. Each arm can be mounted on either side of the ROV by virtue of a unique slew bracket which can be installed for starboard or port mounting. Intuitively controlled via a seven axis joystick, a full range of positions can be achieved and the ability to regulate speed on the rate control system enables greater precision over movement.

Each arm can be fitted with 2 types of grabber jaws with opening ranges from 0 – 310 mm. The HLK-40400 5 function arm features a double upper arm linkage which ensures compact storage and enables an upper arm range which can work for below the ROV to points close to the standard badge bar.

Says Chris Lokuciewski, MD of Hydro-Lek , “This new range of compact manipulators has been developed to meet the increasing requirements of the new work class ROVs. And in keeping with

our philosophy of offering good value for money we have been able to combine high performance functionality with low cost.”

Hydro-Lek is a leading supplier of remote handling systems for the subsea, nuclear and defence industries. Products range from simple hydraulic components to fully integrated telemetry-controlled remote manipulator systems for integration onto ROV's and remote access platforms. The company employs a dedicated team of design engineers to provide a specialist turnkey project engineering and build service from its facilities in Berkshire England.

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The Hydro-Lek HLK-40400 5 Function Work Class Manipulator



The Hydro-Lek HLK-40500R 7 Function Work Class Manipulator