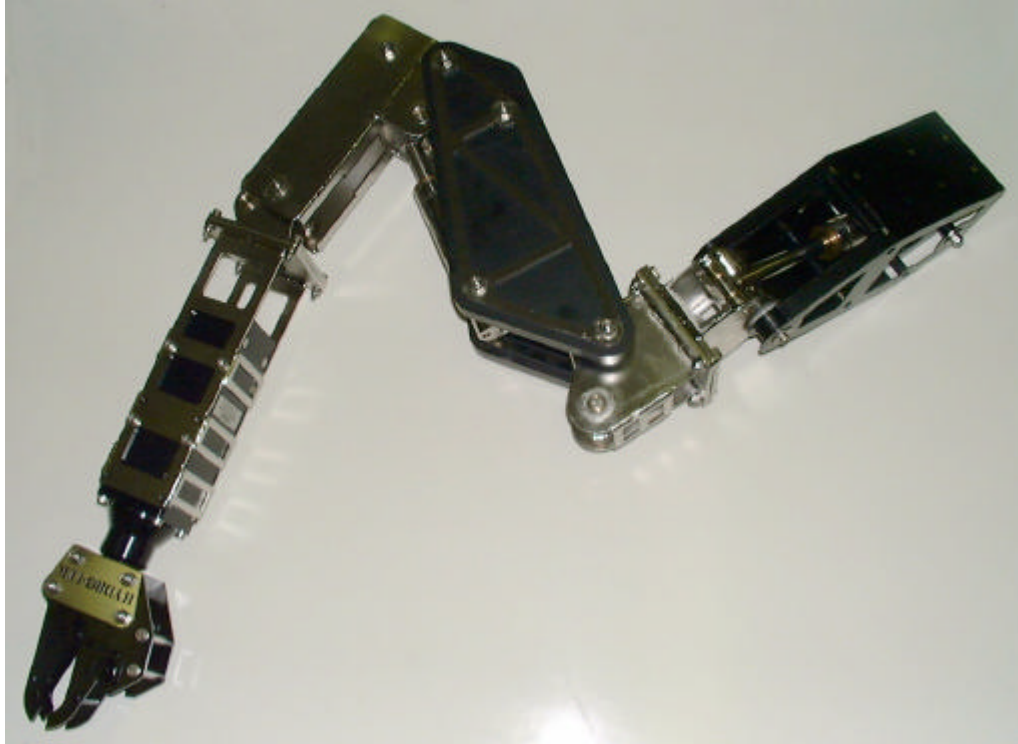




INNOVATIVE DESIGN ENGINEERING



HLK-HD6 B Manipulator:

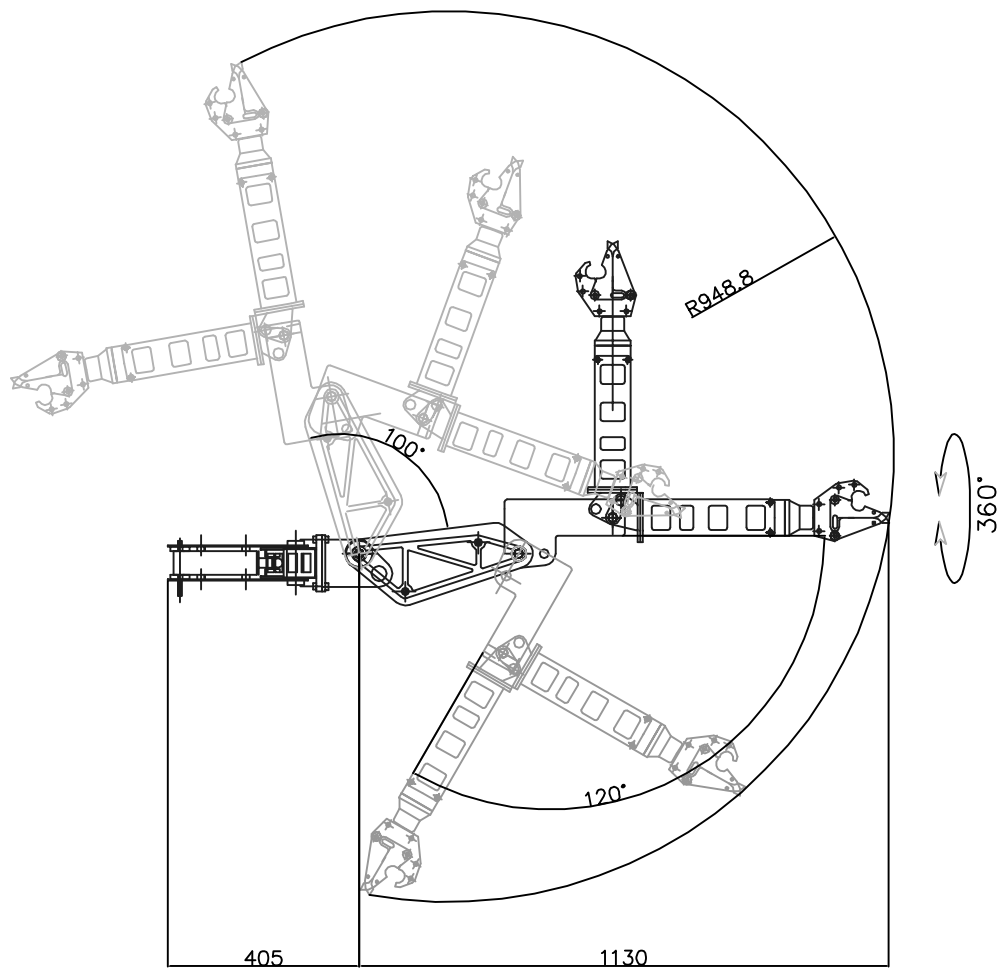
The HLK-HD6 B Manipulator is a heavy duty, rugged six function arm designed for the smaller work class ROV's. It incorporates the HLK-2020 Continuous Jaw Rotate Mechanism which also has the unique 19mm diameter rope cutter. The arm incorporates a flange mounting to facilitate port or starboard mounting configurations on the slew plate. The slew plate is designed to enable the arm to swing across the front of the vehicle and also 30° to the outside.

Specification:

Dimensions	Length of arm	1535mm
	Length of slew plate	280mm
	Height	530mm
	Width	200mm (folded)
Capacities	Rotate	360° continuous
	Torque at 140 bar (across ports)	38Nm
	Lift capacity at full reach at 140 bar	30Kg
	Max working pressure	210 bar
Weight	Weight in air	27.0Kg
	Weight in water	20.0Kg
	Construction	316 SS Epoxy hard coated HE 30 Hard anodised aluminium High Density Polyethylene
Ports	1/8NPT / 7/16 S.A.E	

Hydro-Lek Ltd. Unit 4, Weller Drive Hogwood Lane Ind. Estate Finchampstead Berks U.K. RG40 4QZ
Telephone: +44(0) 1189 736903 Fax: +44(0) 1189 736915

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SPECIFICATION

ROTATE 360° CONTINUOUS
 TORQUE AT 140 BAR 38 Nm
 LIFT AT 140 BAR 40 KG
 MAX. WORKING PRESS. 210 BAR
 WEIGHT IN AIR 29.0 KG
 WEIGHT IN WATER 21.0 KG
 MATERIALS: - HE 30 HARD ANODISED ALUMINIUM
 316 ST. STEEL
 H. D. POLYETHYLENE
 PORTS 1/8" NPT / 7/16" SAE.

HYDRO-LEK LTD.		HLK-HD6B MANIPULATOR
ISS. DATE: -		MAT: -
CHKD BY: -	REV. NO: -	DRG. NO: - CMR 5690/DATA
DRAWN BY: - AG 10/6/03		C.M. INNOVATIONS LTD.