



HYDRO-LEK

REMOTE HANDLING SPECIALISTS

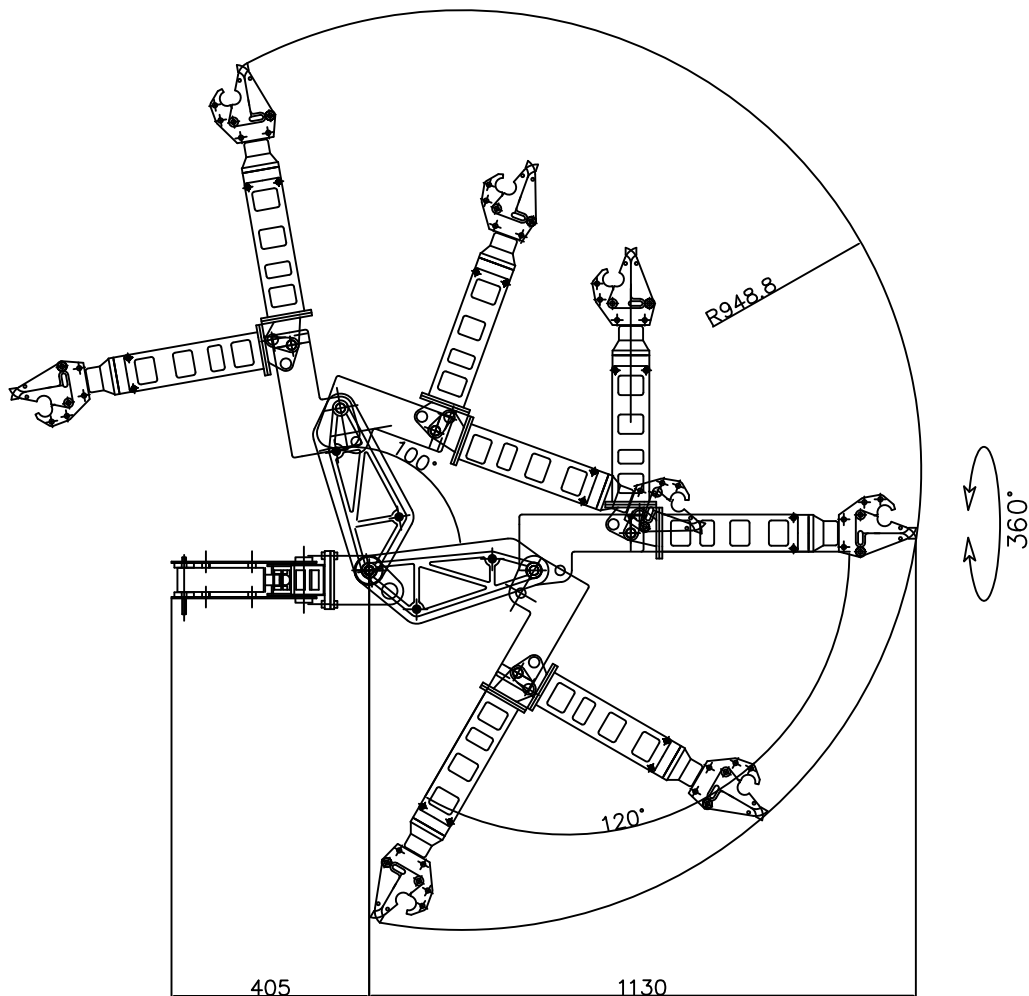


HLK-HD6 B Manipulator:

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	40Kg
	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	



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.