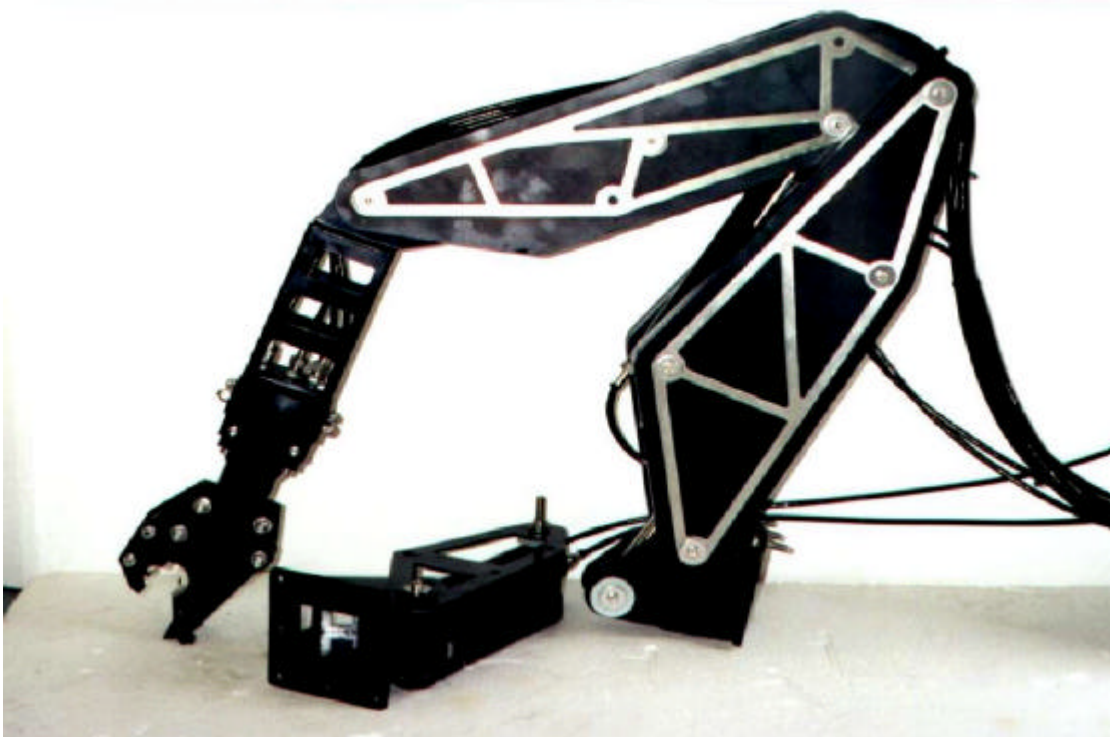




INNOVATIVE DESIGN ENGINEERING



HLK-CRA6 Manipulator:

The HLK-CRA6 Manipulator is a long reach lightweight heavy-duty arm. Its incorporates extensive use of polyethelene thus ensuring that the effect on trim when fitted to a lightweight craft is kept to a minimum. It incorporates the standard HLK-2010 Jaw Assembly which is intended for use as a seabed sample collector or can be converted as an extended camera or lighting platform.

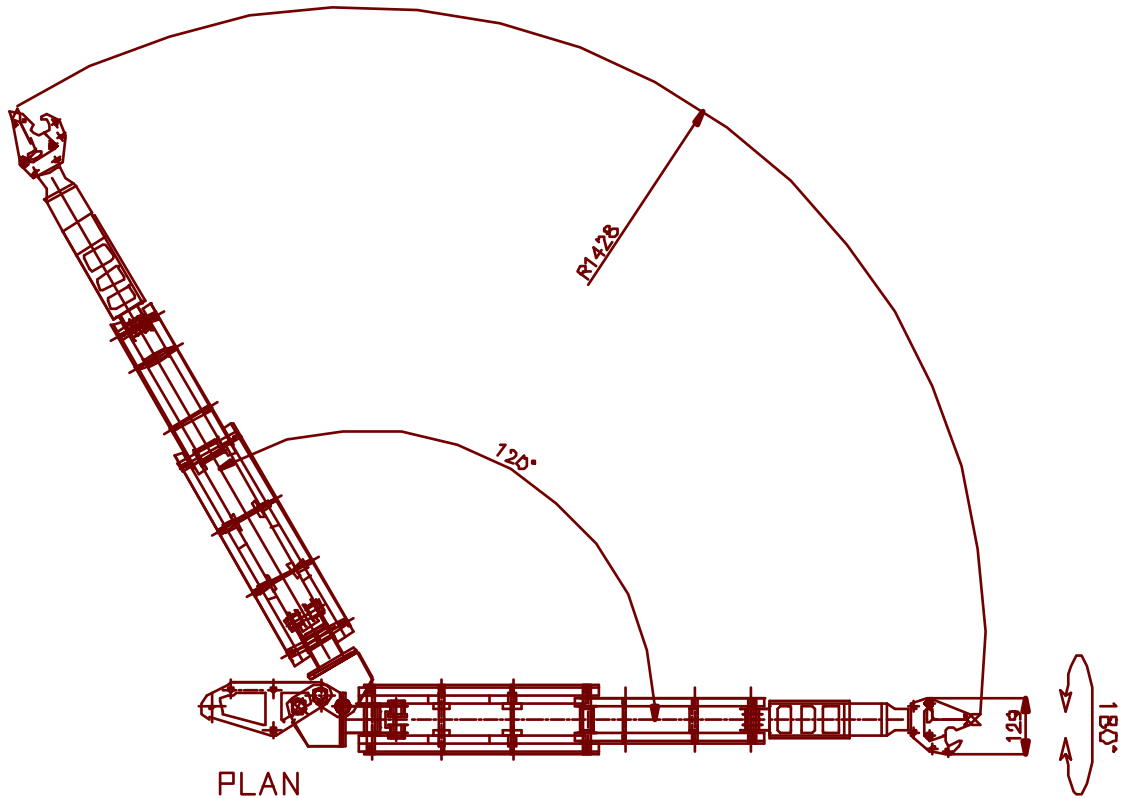
Specification:

Dimensions	Length of arm	1500mm
	Length of slew plate	280mm
	Width	150mm
	Height when stowed	600mm
Capacities	Rotate	180°
	Torque at 140 bar	38Nm
	Lift capacity at full reach at 140 bar	32Kg
Weight	Weight in air	28Kg
	Weight in water	14.5Kg
Construction	316 SS	
	HE 30 Hard anodised aluminium	
	Black polyethelene	
Ports	7/16 SAE / 1/8 NPT	

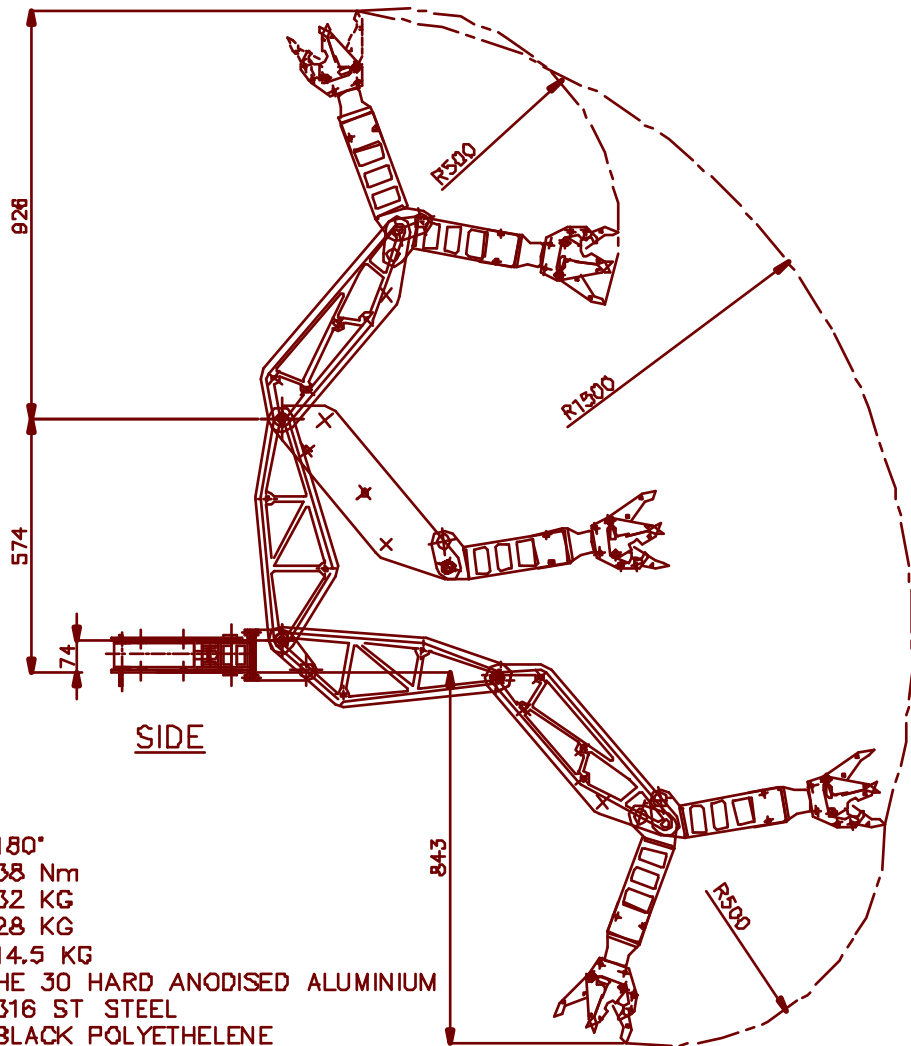
Hydro-Lek Ltd. Unit 4 Weller Drive Hogwood Lane Ind. Estate Finchampstead Berks. U.K. RG40 4QZ

Telephone: +44(0) 118 9736903 Fax: +44(0) 118 9736915

Web Site <http://www.hydro-lek.com> Email: enquiries@hydro-lek.com



PLAN



SIDE

SPECIFICATION

ROTATE 180°
 TORQUE AT 140 BAR 38 Nm
 LIFT AT 140 BAR 32 KG
 WEIGHT IN AIR 28 KG
 WEIGHT IN WATER 14.5 KG
 MATERIALS:- HE 30 HARD ANODISED ALUMINIUM
 316 ST STEEL
 BLACK POLYETHELENE

PORTS 1/8" NPT / 7/16" SAE.

HYDRO-LEK LTD.		HLK-CRAG MANIPULATOR
ISS. DATE:-		MAT:-
CHKD BY -	REV. NO:-	DRG. NO:- CMR 5300/DATA
DRAWN BY:- JW 19/B/99		C.N. INNOVATIONS LTD.