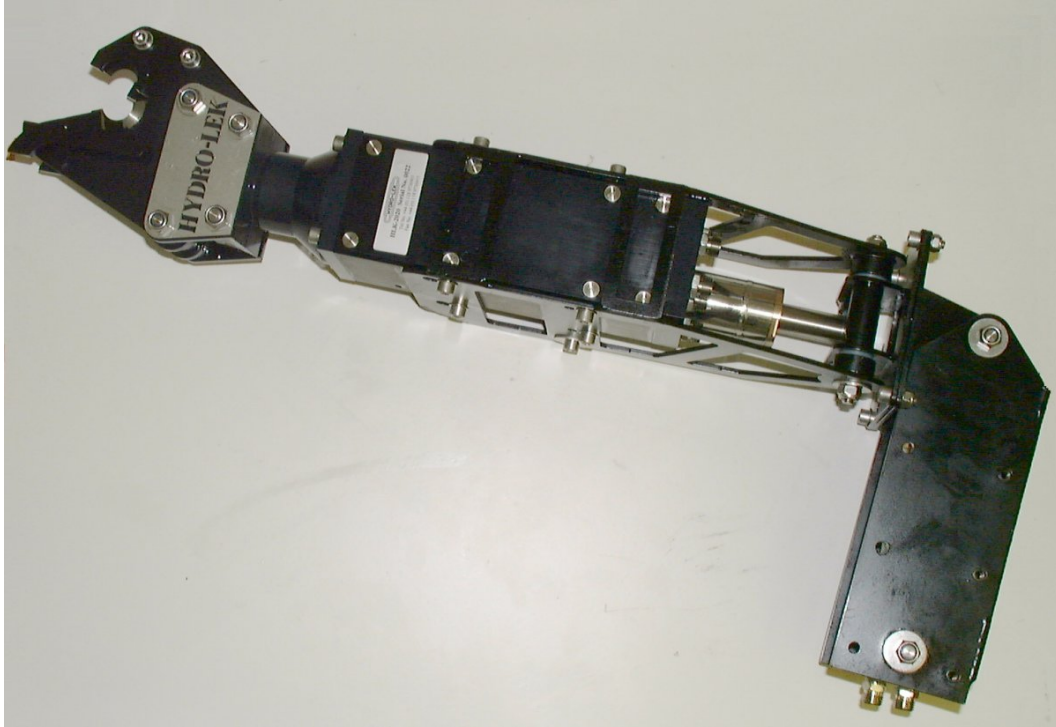




HYDRO-LEK

REMOTE HANDLING SPECIALISTS

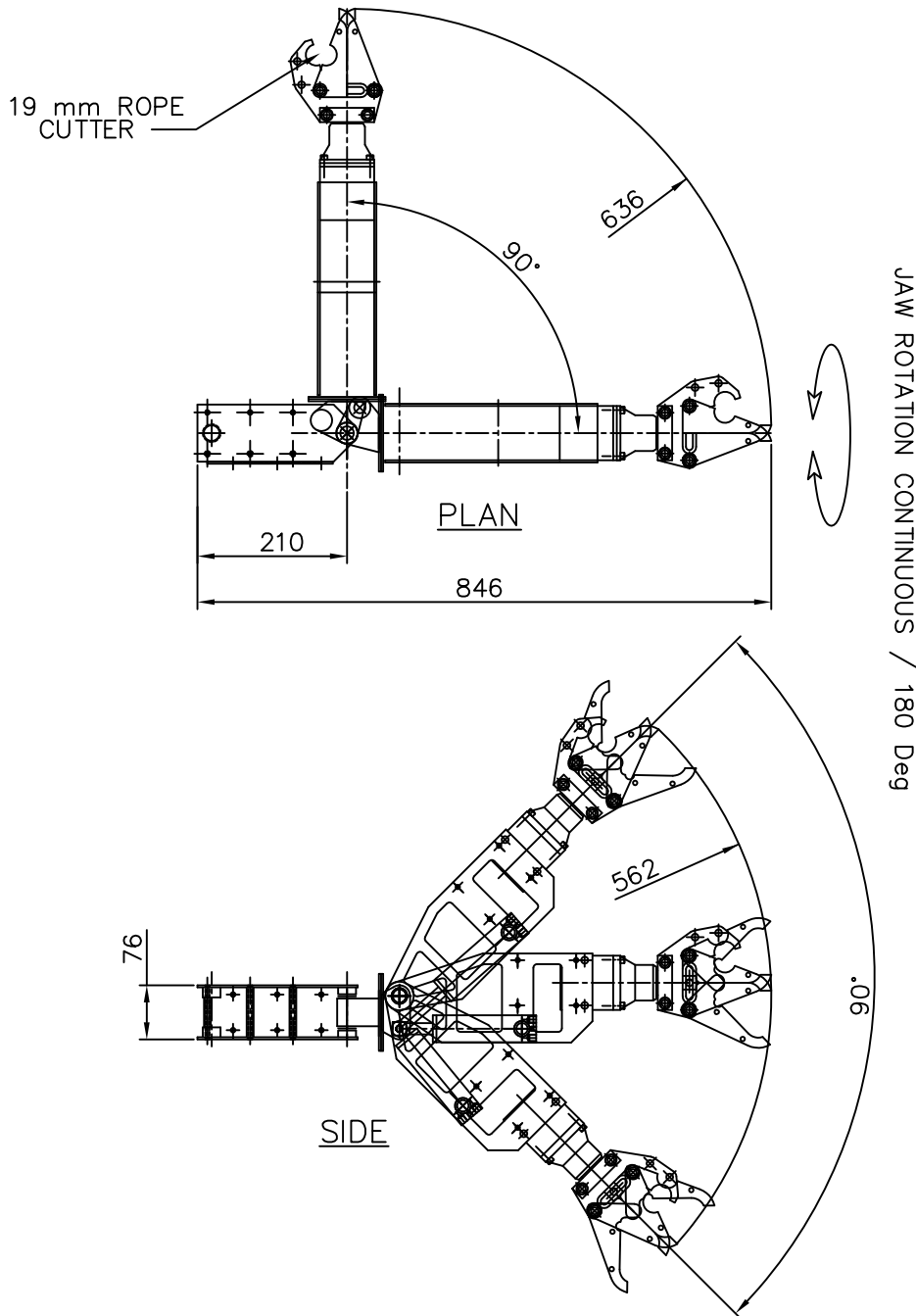


HLK-MB4 Manipulator:

The HLK-MB4 Manipulator arm is a utility class arm ideally suited for installation on many of today's smaller ROV's. Its' ability to stow across the front of the vehicle makes it one of the most compact versatile arms in the market. It incorporates the HLK-2020 Continuous Rotate or HLK-2010 180° Rotate Jaw Actuator which has a jaw opening of 154mm together with the unique open jaw soft rope cutter built in to the outside of the jaws. It can be operated with the standard HLK-7020 Valve Pack.

Specification:

Dimensions	Length of arm	630 mm	
	Length of slew plate	154 mm	
	Height	125 mm	
	Width	100 mm	
Capacities	Jaw Rotate	Continuous or 180°	
	Jaw Torque at 140 bar (across ports)	40 Nm	15 Nm
	Arm Lift capacity at 140 bar	40 Kg	
Weight	Weight in air	13.3 Kg	10.3 Kg
	Weight in water	11 Kg	8.3 Kg
Construction	316 SS Epoxy hard coated HE 30 Hard anodised aluminium		



MB4-GAUNTLET (PLUS)

ROTATE	180° or 360° CONTINUOUS
TORQUE AT 140 BAR	15 / 40Nm
LIFT AT 140 BAR	40 KG
WEIGHT IN AIR	10.3 / 13.3 KG
WEIGHT IN WATER	8.3 / 11 KG
MATERIALS: -	316 ST. STEEL/ HE30 HARD ANODISED ALUMINIUM

FOR SLEW PLATE FIXING DETAIL SEE DRG. CMR 4030

HYDRO-LEK LTD.	MB4-GAUNTLET (PLUS)
ISS. DATE: -	MAT: -
CHKD BY: - REV. NO: - 3	DRG. NO: -CMR 4200/DATA
DRAWN BY: - JW 31/8/00	C.M. INNOVATIONS LTD.