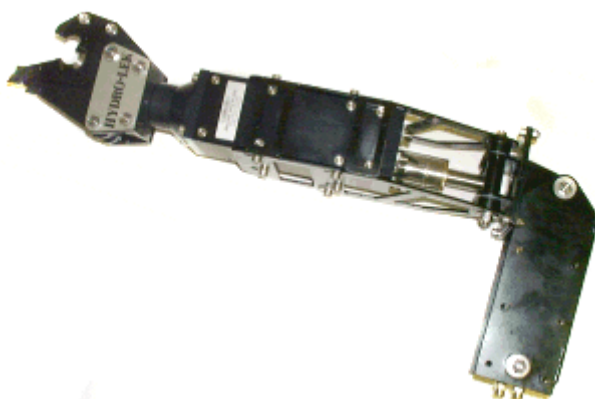


HLK-MB4

4-Function Manipulator

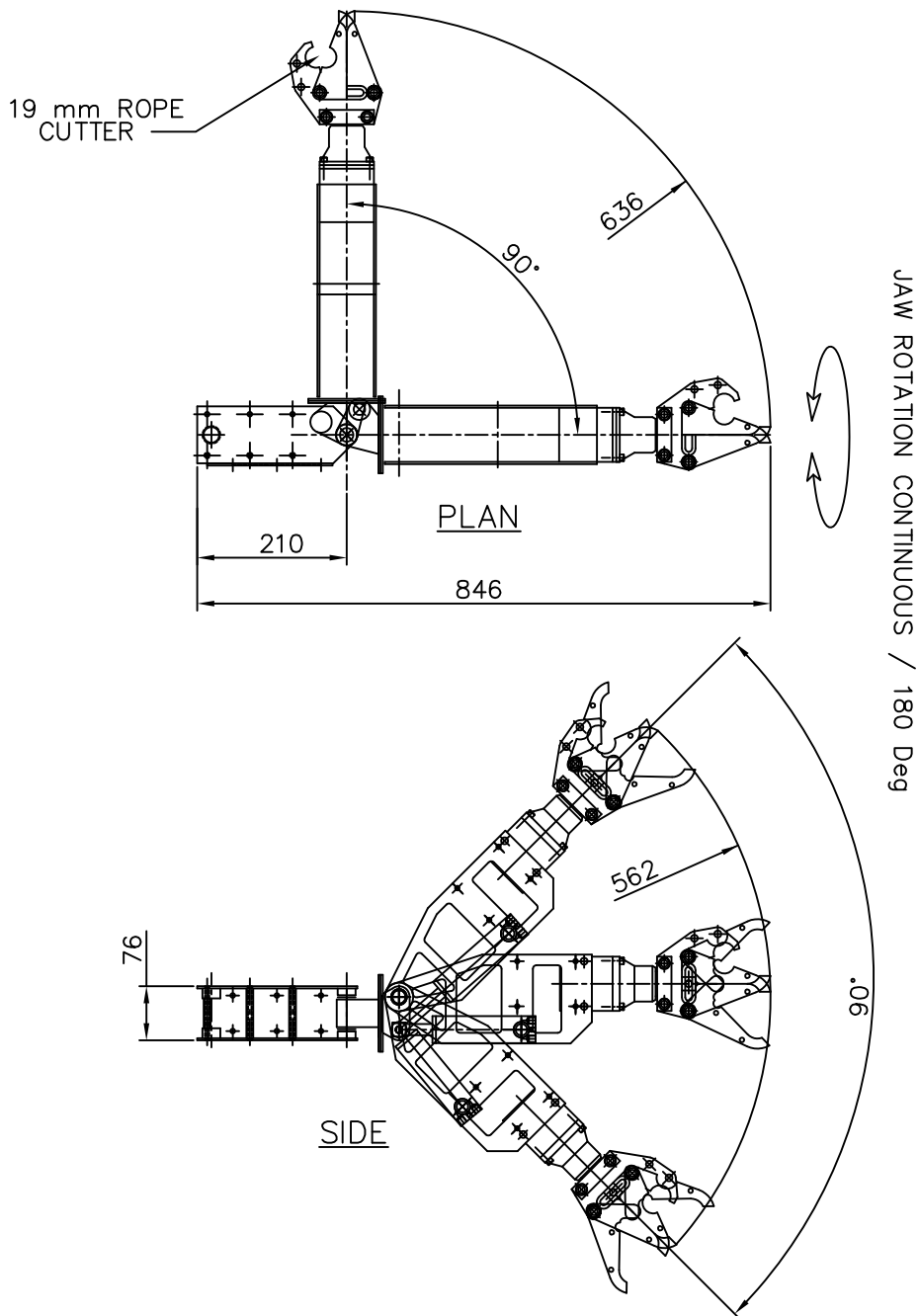


Features

- 4 degrees of freedom manipulator
- Excellent dexterity and articulation
- Extremely compact – can be stowed across front of ROV
- Lift of 40Kg at full reach
- Continuous jaw rotate
- Incorporates 19mm soft rope cutter

Specification:

Dimensions	Length of arm	630mm	
	Length of slew plate	210mm	
	Height	125mm	
	Width	100mm	
Capacities	Jaw Rotate	Continuous or 180°	
	Jaw Torque at 140 bar (across ports)	40Nm	15Nm
	Arm Lift capacity at 140 BAR	40Kg	
Weight	Weight in air	13.3Kg	10.3Kg
	Weight in water	11Kg	8.3Kg
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.	HLK MB4 MANIPULATOR
ISS. DATE: -	MAT: -
CHKD BY: - REV. NO: - 3	DRG. NO: -HLK 4200/DATA
DRAWN BY: - JW 31/8/00	