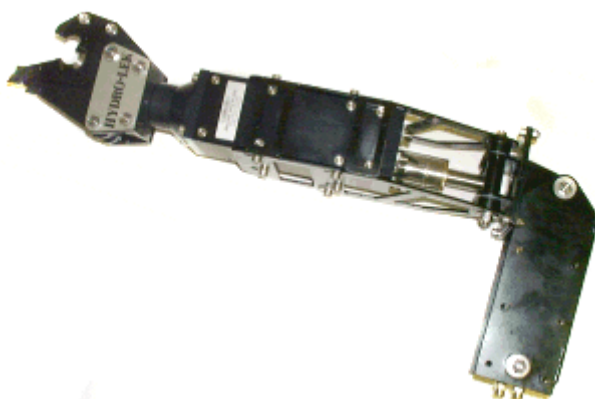


# HLK-MB4

## 4-Function Manipulator

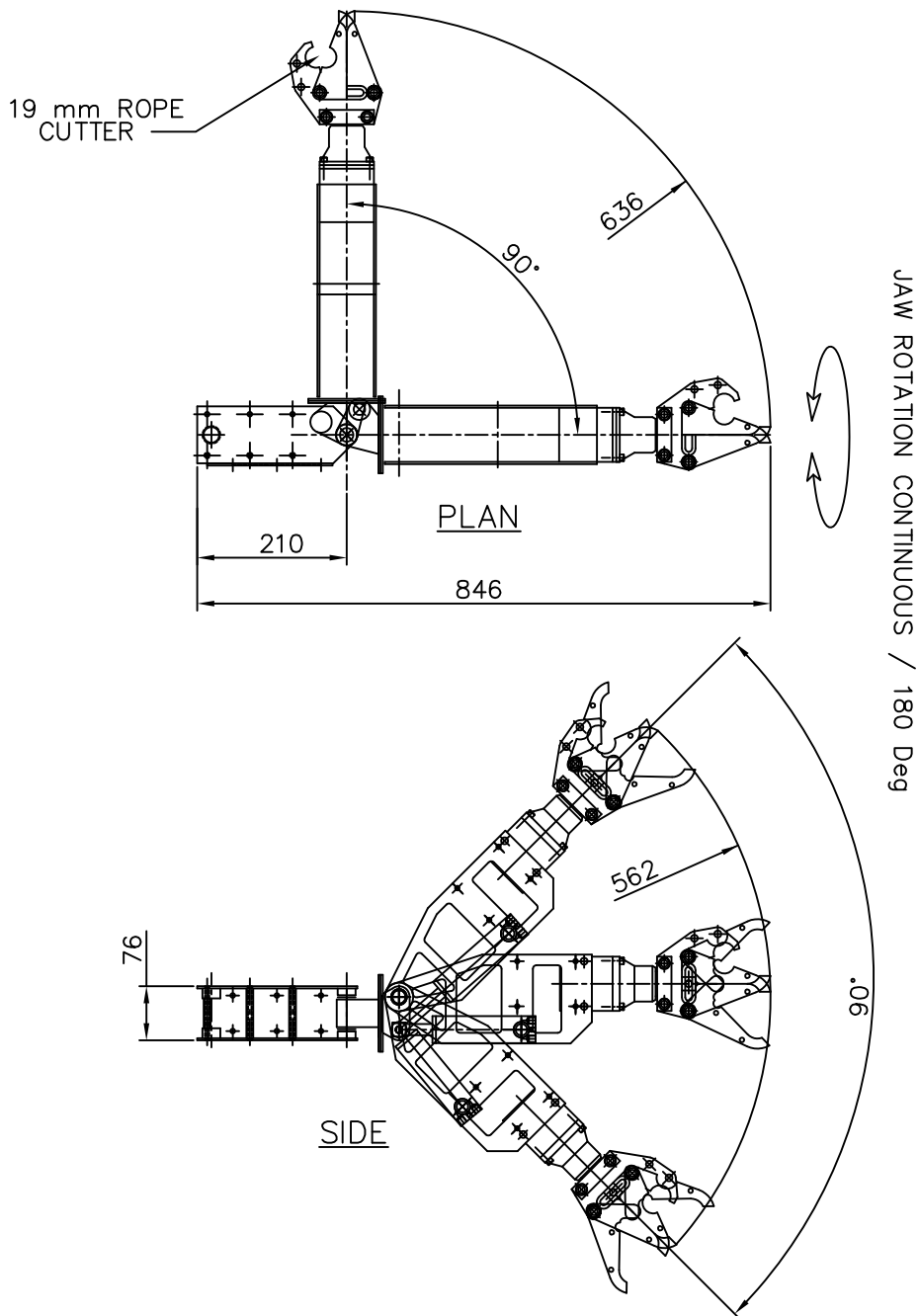


### Features

- 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:

<b>Dimensions</b>	Length of arm	630mm	
	Length of slew plate	210mm	
	Height	125mm	
	Width	100mm	
<b>Capacities</b>	Jaw Rotate	Continuous or 180°	
	Jaw Torque at 140 bar (across ports)	40Nm	15Nm
	Arm Lift capacity at 140 BAR	40Kg	
<b>Weight</b>	Weight in air	13.3Kg	10.3Kg
	Weight in water	11Kg	8.3Kg
<b>Construction</b>	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	