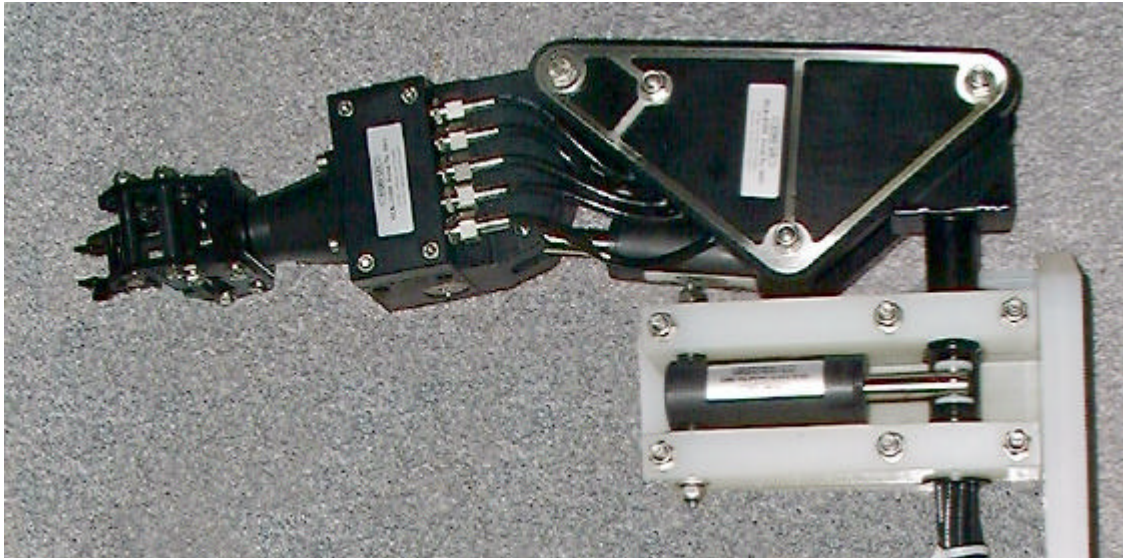




INNOVATIVE DESIGN ENGINEERING



HLK-43000 5 Function Mini Gauntlet Manipulator:

The HLK-43000 5 Function Mini Manipulator is unique in that it has no aluminium parts. The construction of plastic and stainless steel has kept the arm rugged and tough with the capability of lifting 10Kg at full reach, yet retaining a very light weight in water. The unique 5 function arrangement gives excellent dexterity for a small arm and enhances the operational capability of the new range of smaller ROV's

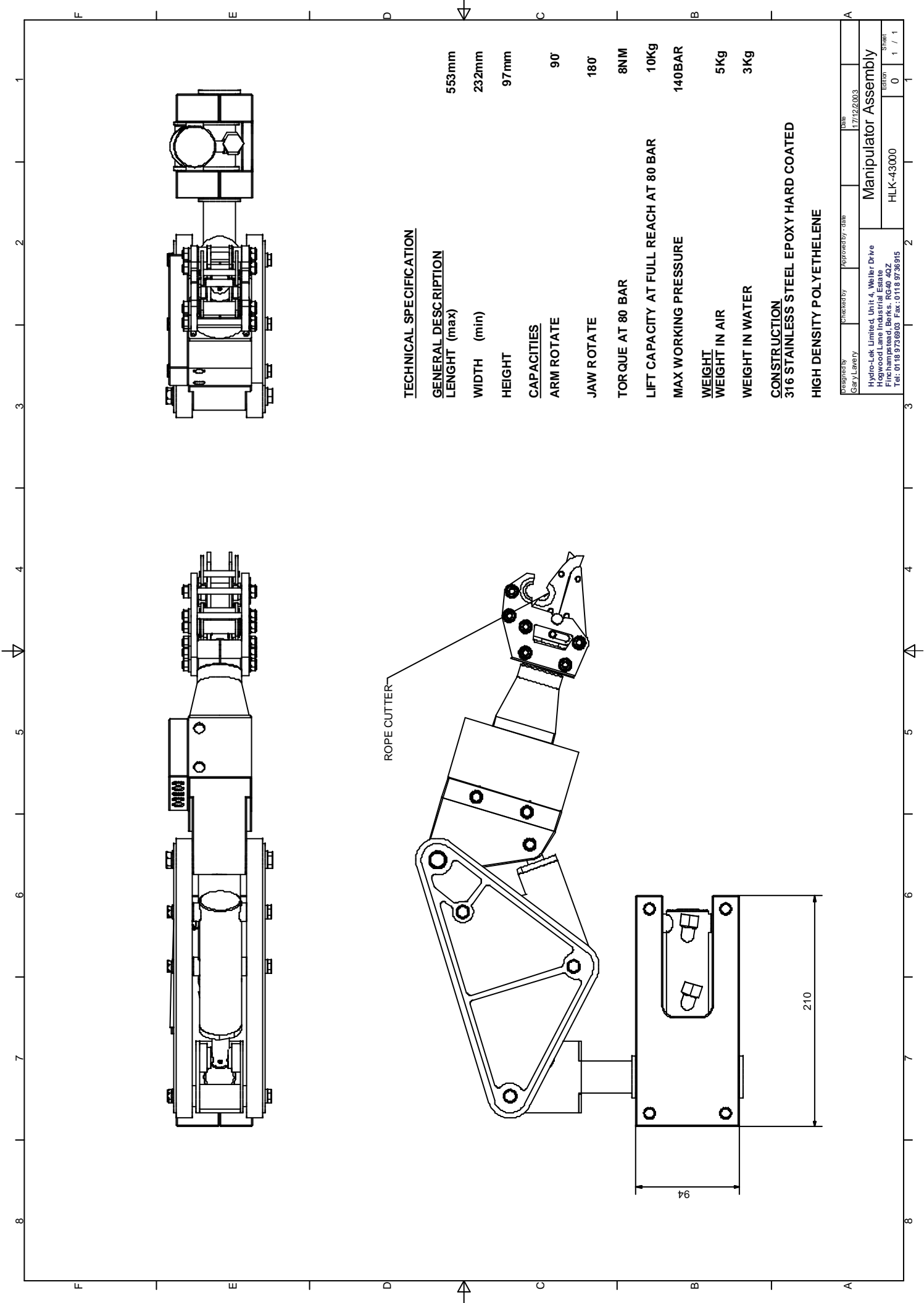
Specification:

Dimensions	Length of arm	553mm
	Length of slew plate	210mm
	Height	97mm
	Width	232mm
Capacities	Rotate	180°
	Torque at 80 bar	8Nm
	Lift capacity at 80 bar	10Kg
Weight	Weight in air	5Kg
	Weight in water	3Kg
Construction	316 Stainless Steel Jaws	
	High Density Polyethylene	

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TECHNICAL SPECIFICATION

GENERAL DESCRIPTION

- LENGTH (max) 553mm
- WIDTH (min) 232mm
- HEIGHT 97mm
- CAPACITIES 90°
- ARM ROTATE 180°
- JAW ROTATE 8NM
- TORQUE AT 80 BAR 10KG
- LIFT CAPACITY AT FULL REACH AT 80 BAR 140BAR
- MAX WORKING PRESSURE
- WEIGHT 5Kg
- WEIGHT IN AIR 3Kg
- WEIGHT IN WATER

CONSTRUCTION

316 STAINLESS STEEL EPOXY HARD COATED
 HIGH DENSITY POLYETHYLENE

Prepared by Gary Levey	Checked by Approved by - Date 17/12/2003	Manipulator Assembly	
Hydro-Lek Limited, Unit 4, Weller Drive Hogwood Lane Industrial Estate Fircroft Road, Berks. RG40 4QZ Tel: 0118 9736903 Fax: 0118 9736915		HLK-43000	Revision 0 / 1 / 1