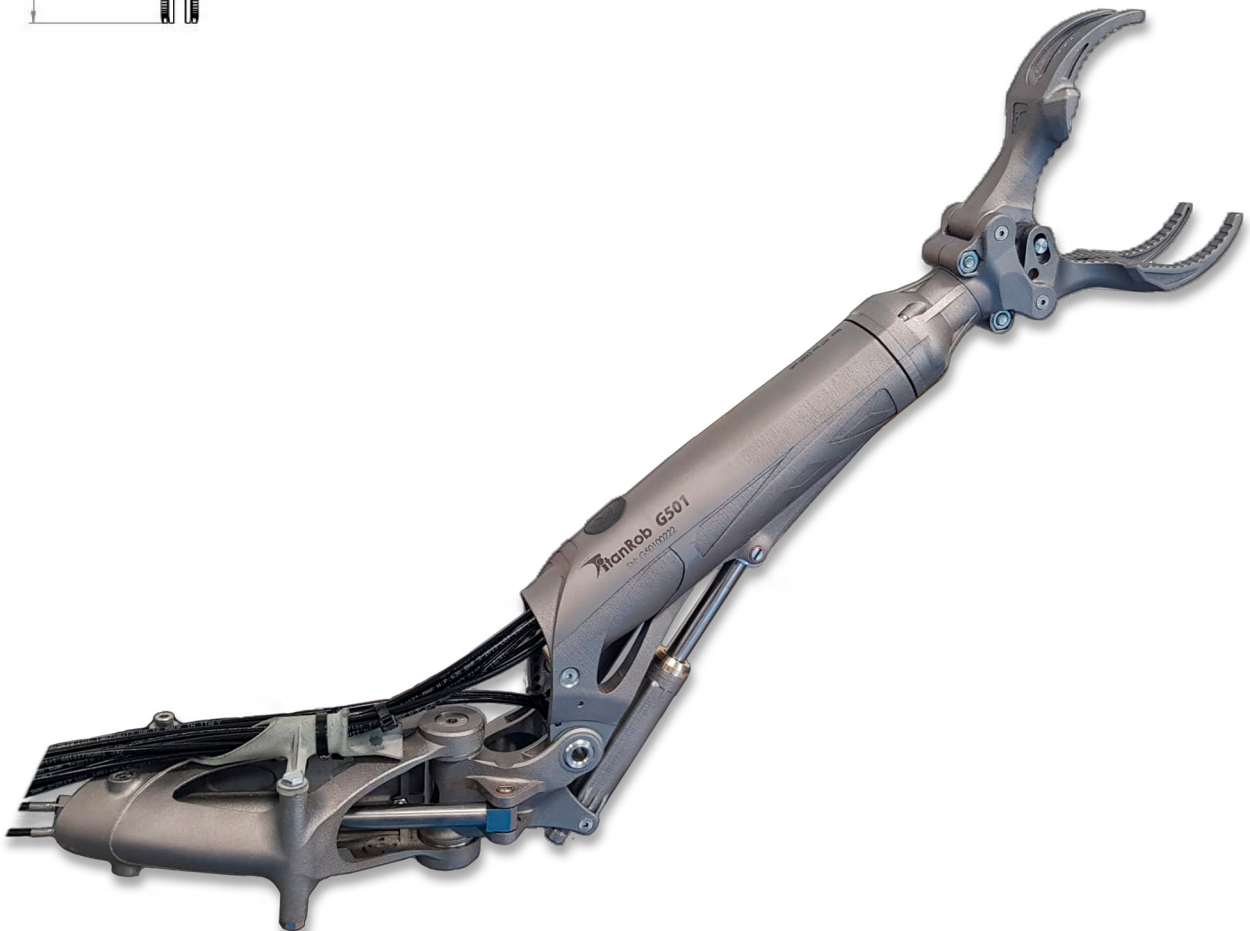
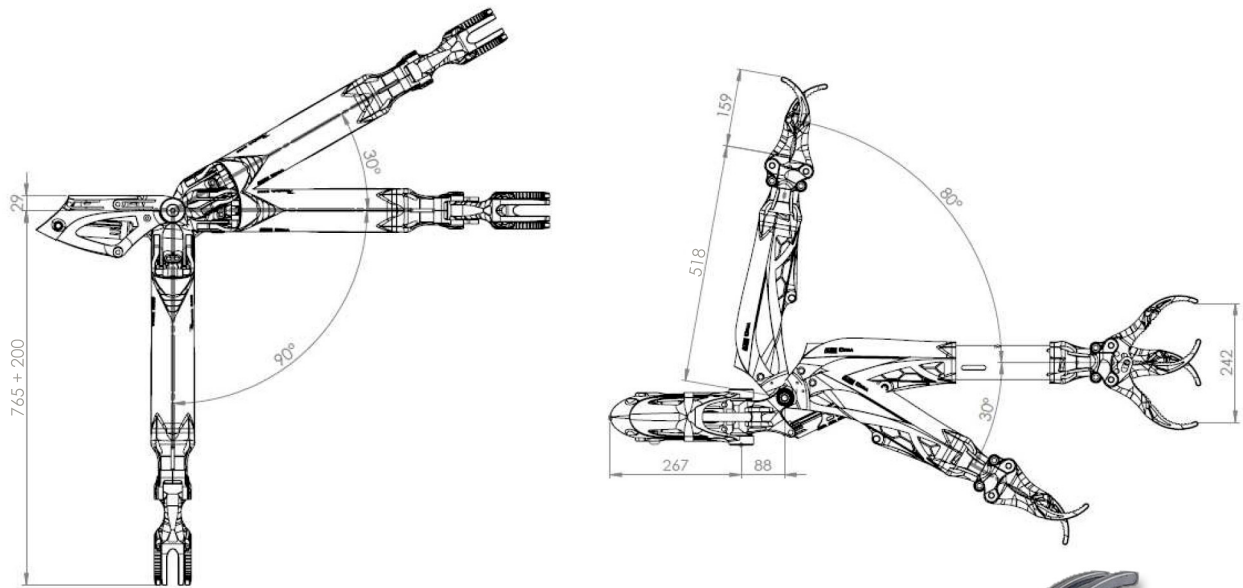




TITANROB G501 TITANIUM GRABBER SPECIFICATIONS

G501 (R) 5 FUNCTION LIGHT WORK CLASS TITANIUM GRABBER

The G501 is a five function hydraulic grabber manipulator made of titanium and developed for Observation and Light Work Class ROVs. Resistant, lightweight and reliable, it's designed for heavy duty ROV works improving performance and operation. It could be rate operated by any low power (1kW) hydraulic power unit and a solenoids (x5) valve pack fitted in the ROV vehicle.



G501 5 FUNCTION TITANIUM GRABBER ARM SPECIFICATIONS:**GENERAL SPECIFICATIONS**

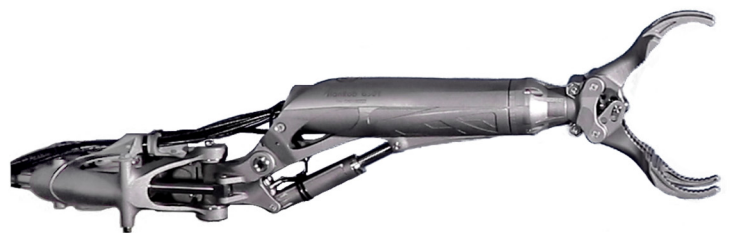
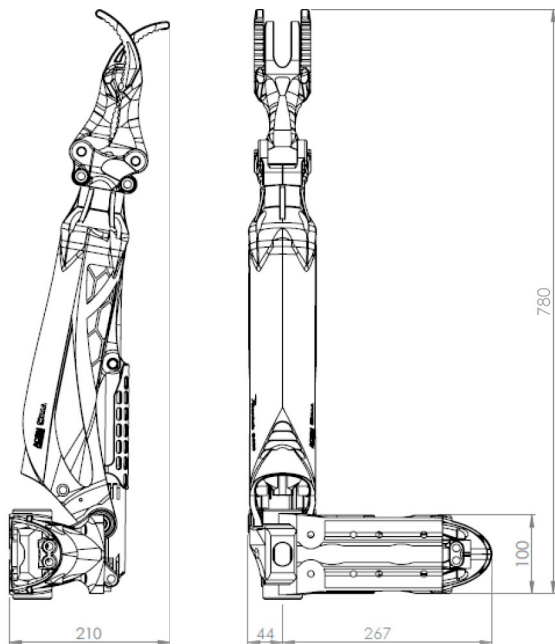
Depth rating (m)	3000 m
Weight in air (kg)	12.70 kg
Weight in water (kg) w/ hyd. oil and hoses	9.50 kg
Maximum reach (mm)	900 mm
Lift at full extension (kg)	80 @ 150 bar
Maximum lift (kg)	100 @ 150 bar
Jaw Grip (kgf)	250 kgf
Jaw Torque (Nm)	45 Nm
Dimensions stowed LxWxH (mm)	210 x 311 x 780 mm
Operating temperature (°C)	-5 / +55 °C
Construction Main Materials	Ti6Al4V Titanium AISI 316 SS

FUNCTIONS

SHOULDER Azimuth (Yaw) (deg)	120° (+90 / -30)
SHOULDER Pitch (deg)	110° (+80 / -30)
SHOULDER Extension (mm)	200 mm
JAW Rotate (deg)	360° continuous
JAW Opening (mm)	255 mm

HYDRAULIC REQUERIMENTS

Standard Hydraulic Oil	ISO 32
Operating pressure (bar)	140 ~ 206 bar
Operating Flow Rate (lpm)	Min 1.5 lpm
Test Pressure (bar)	230 bar
Max. Oil Temp. (°C)	55 °C

**Titanrob Technologies SL**www.titanrob.cominfo@titanrob.com