

# Electric Pan & Tilt

Our electric pan & tilt unit are used on a wide range of vehicle sizes from electric inspection class up to the largest cable plough. They provide a rugged and reliable alternative to hydraulic units and free-up valuable hydraulic valve pack functions.



- 24 Volts DC or 110 Volts AC Versions
- High Torque Version
- Top Mounting Flange on Pan Shaft
- Low Backlash
- Position Feedback
- Robust Design
- Adjustable Limit Switches
- Pressure Compensated  
Tested to 6000 metres / 20,000 feet
- Can be Inverted

With feedback potentiometers and adjustable limit switches supplied as standard, these rugged units are the perfect choice for the positioning of industry standard subsea cameras and sensors. The gearing system is overrated to resist damage due to collisions. Standard voltage is 24Vdc but an optional 110Vac is also available with pin-out to suit wellhead TV camera systems. There is also a high torque version of the 24Vdc unit.

Pan & Tilts are oil filled and positively compensated, making them suitable for operation at extreme depth and can be supplied with a range of electrical connector types.

## Sub-Atlantic Part Numbers:

24 Vdc Version (Standard):

SA-A-1128-MAS

Drawing Number: 1146-GA

24 Vdc Version (High Torque) :

SA-A-1128-MAS-HT

Drawing Number: 1146-GA

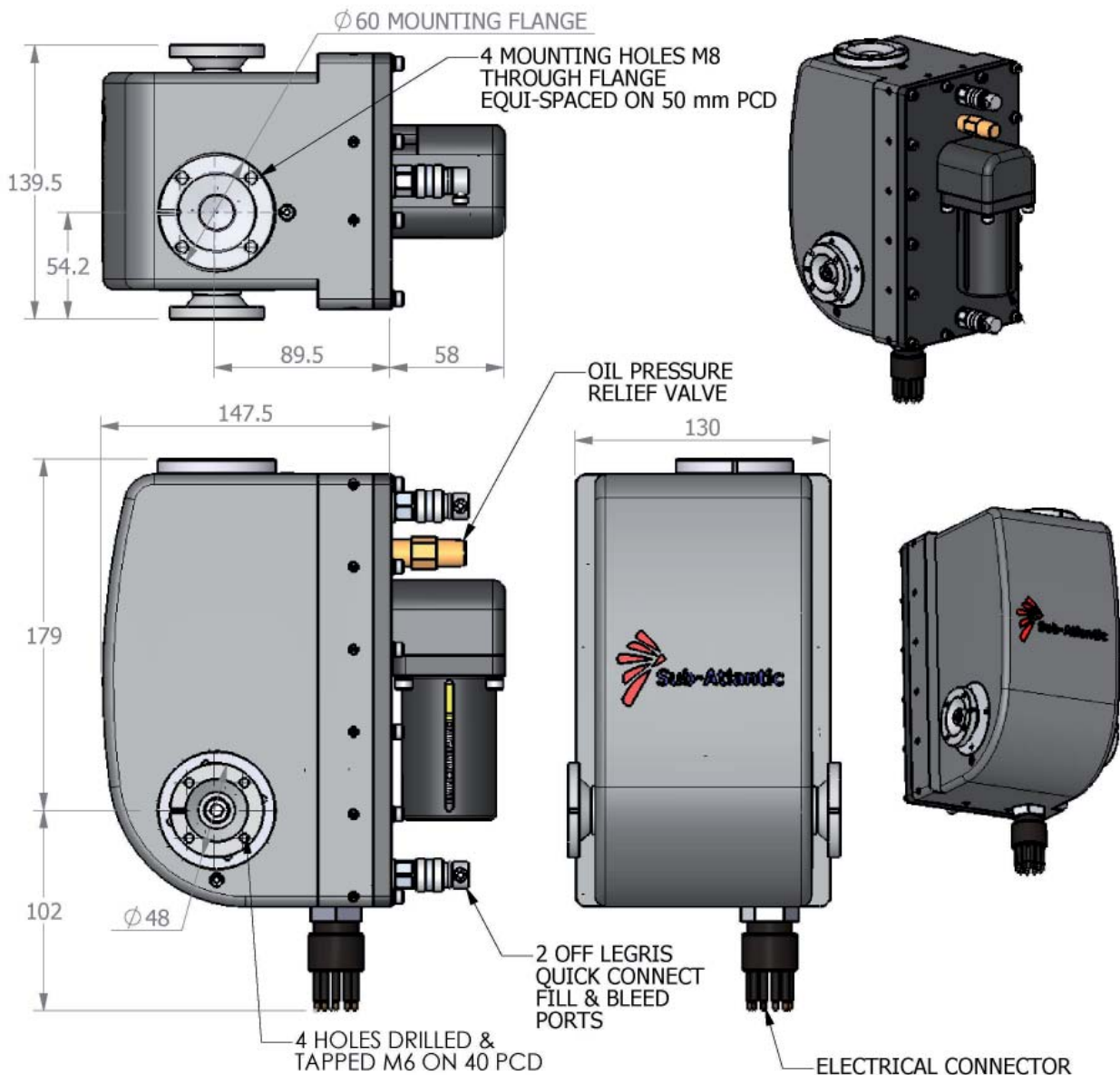
110 Vac Version (Standard only):

SA-A-1129-MAS

Drawing Number: 0846-GA

## Pan & Tilt Unit Specification

Depth Rating.....	6000 metres (20,000 fsw)
Output Torque (Standard).....	11 Nm
Nominal Speed (Standard).....	4.1 rpm
Output Torque (High Torque).....	21 N.m
Nominal Speed (High Torque).....	1.4 rpm
Gear Rating.....	48 N.m
Voltage.....	24 Vdc or 110 Vac
Max Current.....	800 mA (24V) or 1 Amp (110V) current limited
Max Load.....	20 kg (44 lbs)
Weight in Air.....	6.5 kg/(14.3 lbs)
Weight in Sea Water.....	4.5 kg/(9.9 lbs)
Connector – 24 Vdc.....	8 Pin Wet Matable (options)
Connector – 110 Vac.....	10 Pin Wet Matable (options)



*The specification details are illustrative for marketing purposes only. Actual equipment may be different as a result of product improvement or other reasons. Specific interface and performance information should be reconfirmed at time of order placement.*



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