

# Technical Brochure

## Trone Boom Arms



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## Key features

*Quick Mount/Dismount Point*

*Strong and Robust*

*Light Weight*

The TRONE Boom arms are designed to be used for ROV inspection tasks such as pipeline survey or seabed survey. Our proprietary quick mount/dismount system allows for the boom to be installed quickly and safely by 1 person. Its light weight design allows for usage underwater with minimal added buoyancy.

A smooth exterior design reduces tether/umbilical damage from being caught.

### Features

Functions with Pan & Tilt	4
Boom Up/Down Angle	-50° to +70°
Boom Up/Down Distance	1700mm
Boom Left/Right Angle	-35° to +35°
Boom Left/Right Distance	1300mm
Pan & Tilt Mounting	61mm x 58mm x 7mmØ

### Environmental

Water Depth Rating	Full Sea Depth
Storage Temperature	-5° to +65° C
Operating Temperature	+5° to +65° C

### Hydraulic

Max Working Pressure	210Bar
Min Working Pressure	70 Bar
Fluid Type	Tellus T32 / T68 or equivalent
Valve Configuration Channels	Bidirectional Closed Center Valve
Channels (without P&T)	4
Temperature	+5° to +65° C
Fitting	1/4" JIC 4

### Mechanical

Width	155mm
Height	200mm
Length	1368mm
Weight in Air	14KG
Weight in Water	6KG
Construction Material	Stainless Steel, Aluminium, Delrin
Coating	Hard Anodize,