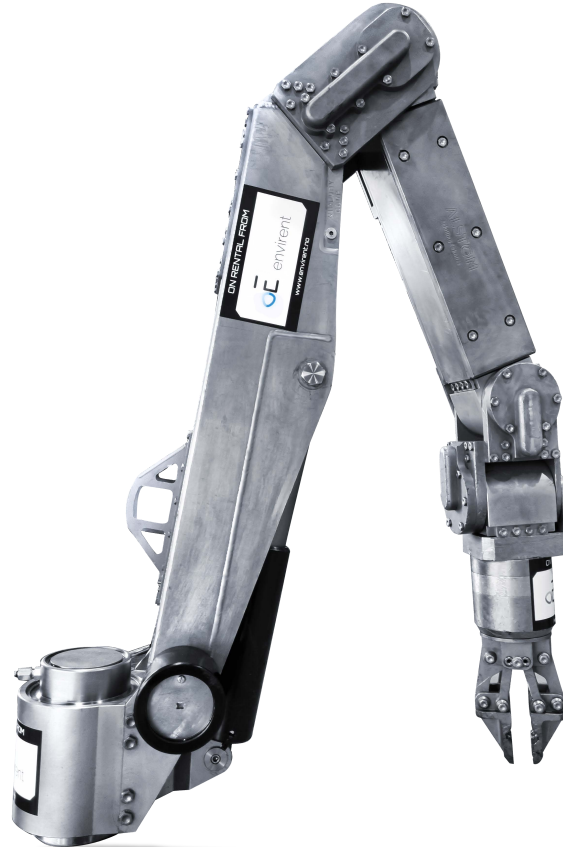


SCHILLING T4 ADVANCED CONTROL

GEN 2 ELECTRONICS



Description

The Schilling TITAN 4 is widely regarded as the world's premier manipulator system.

Schilling Titan systems has been the industry standard for over 35 years and has become the ROV crew's top choice for dexterous manipulator usage in subsea applications and are extensively used on ultra-heavy work class ROVs.

This arm has the dexterity and accuracy necessary to perform the fine movements needed for complex tasks. When this ability is combined with the manipulator's reach (1,922mm), payload capacity (122kg at full extension), and large operating envelope, the TITAN 4 offers unequalled performance in a wide range of subsea applications.

Features

- Accurate Position Control
- Advanced Master Controller
- Compact Design
- High Lift-to-Weight Ratio
- Titanium Construction
- Large Operating Envelope
- Wrist Camera Available
- Interchangeable Jaws Available

SPECIFICATIONS

Schilling T4 Manipulator

General Technical Specification

Type		Schilling TITAN 4
Part Number		ARM-T4
Dimensions, shipping (L x W x H)	mm	1250 x 830 x 710
Weight (air / water)	kg	100 / 78

Hydraulic Specifications

Max. Input Pressure	PSI	3000
Max. Input Flow	L/min	19
Fluid	Mineral Oil	Tellus 32 or similar
Viscosity	cSt	10-200
Max Fluid Temperature	°C (°F)	54 (129)

* Please contact us for questions or more information regarding fluid compatibility

ROV Hydraulic Interface

Pressure	JIC	4
Return	JIC	6

Electrical Data

Input Power, Controller	VAC	90-260
Input Power, Manipulator	VDC	24

Communication

RS232 & RS485 <i>(Factory-set telemetry protocol is RS232)</i>	8PIN	Glen Air 55A1-2008 Pigtail 1,5 meter
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General Features

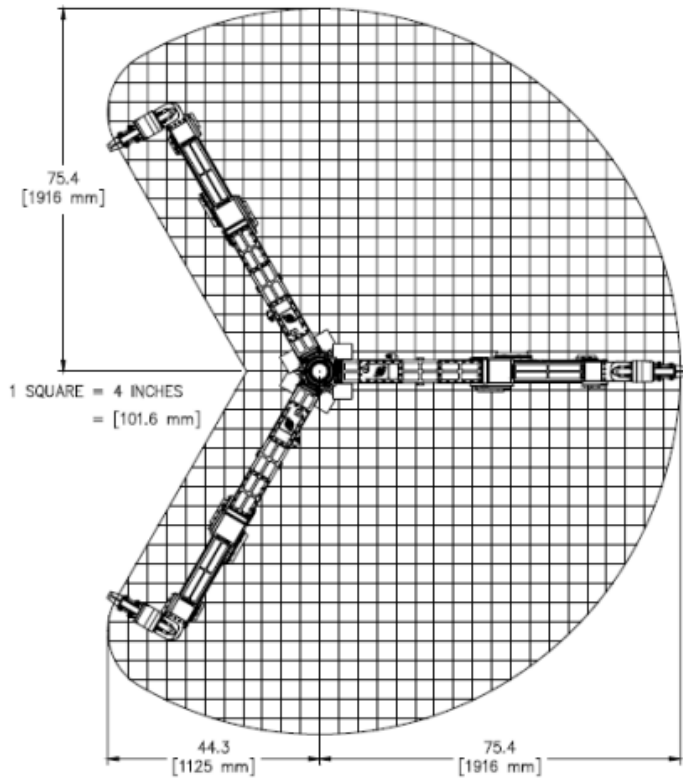
Depth Rating	MSW	4000
Lift (at full extension)	Kg	122
Wrist Torque (nominal)	Nm	170
Wrist Rotate (nominal)	RPM	6 – 35
Grip Force (nominal)	N	4,092

Available per Request

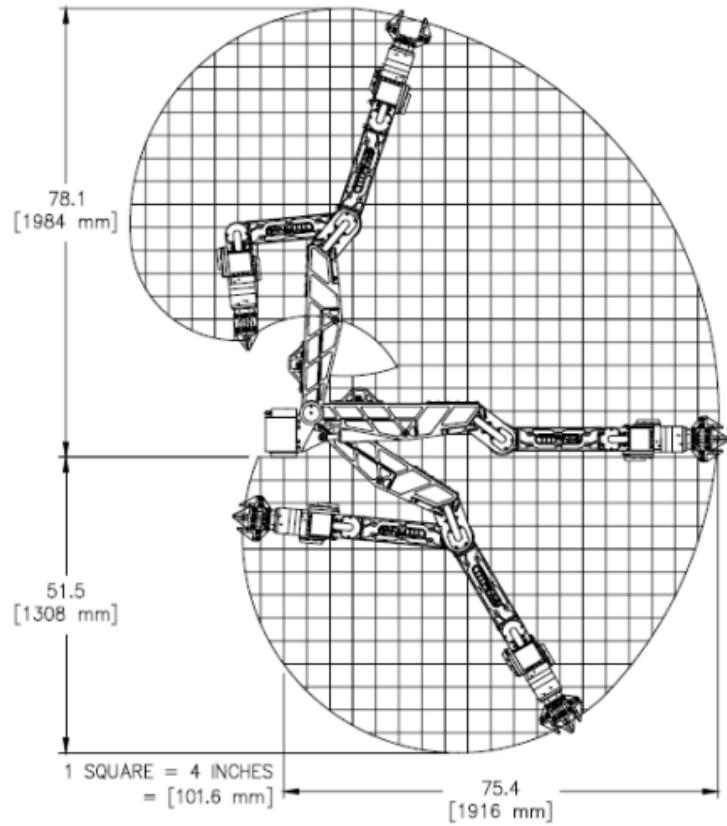
Wrist Camera	1/3 Colour Super HAD CCD Camera
Interchangeable Jaws	3-finger, 4-finger & Parallell Jaws

SPECIFICATIONS

Schilling T4 Manipulator



Range of Motion, Top View



Range of Motion, Top View

■ 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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