



HYDRAULIC FLEXIBLE TOOL RANGE SUB SEA TOOLING

ISO 9001-2000 Registered

For Immediate Assistance in the U.S. Call: 877-777-4046

For Assistance Outside the U.S. Call: 713-983-7171

Split Reaction Nut



Torq/Lite® standard sub sea tool range incorporates a combined body and bridge, lifting eye bolt, 30 mm piston stroke, 1500 bar operating pressure, twin hydraulic connections, a maximum piston stroke indicator and a split reaction nut. Lower cost solid reaction nuts are also available. These tools are fitted with composite material high pressure seals which clip into place and require no adjustment.

All Torq/Lite® tools are assembled, filled with oil and pressure tested prior to despatch. They are also designed to conform to the European Pressure Equipment Directive and where required are CE marked. Torq/Lite® tools are supplied with a comprehensive Health & Safety Operating and Maintenance Instruction Manual.

Standard tools are fitted with two self sealing quick connectors. This can be either two nipples or one coupling and one nipple. Customer should specify when ordering.

Model Number	Bolt Diameter inch	Bolt Diameter metric	Maximum Load kN	Maximum Load tonf	Tool Overall Deminision
TL-1	1"	M24	361	36.2	90mm
	1 - 1/8"	M27			
	1 - 1/4"	M33			
TL-2	1 - 3/8"	M36	544	54.6	109mm
	1 - 1/2"	M39			
	1 - 5/8"	M42			
TL-3	1 - 3/4"	M45	812	81.5	130mm
	1 - 7/8"	M48			
	2"	M52			
TL-4	2 - 1/4"	M56	1550	155.0	172mm
	2 - 1/2"	M64			
	2 - 3/4"	M72			
TL-5	3"	M76	2562	257.0	215mm
	3 - 1/4"	M80 / M85			
	3 - 1/2"	M90			

NOTES

1. Maximum working pressure of 1500 bar (21,750 psi)
2. Maximum piston stroke = 30 mm (1.81 inch)
3. Five tools cover standard pipe flange connections above 4 inch NB with bolting in the size range 1 inch to 3-1/2 inch diameter

AVAILABLE

Solid or quick release reaction nuts. Extra sizes are available on request.

www.torqlite.com



AIR DRIVEN POWER PACK 1500 BAR SYSTEM

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TL-1507-15L-SS

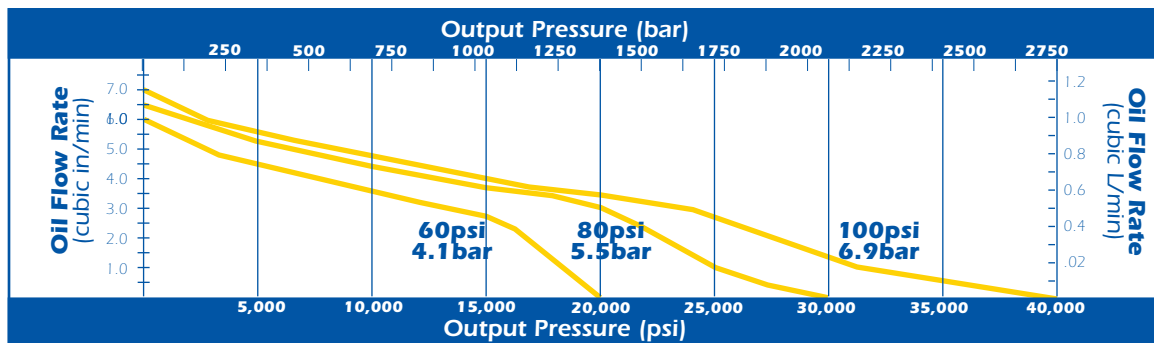


This higher oil delivery, air driven hydraulic pump is mounted in a tubular stainless steel transportable frame. The pack is supplied complete with, air inlet connector, air filter, air pressure regulator, air lubricator, air pressure gauge, air pressure limit valve, pump on/off control, oil reservoir, oil pressure release valve, oil pressure gauge, gauge guard, air/hydraulic pump and high pressure oil outlet through a self sealing quick connect coupling.

TL-1507 is a higher oil flow rate pump designed for use with all Torq/Lite® 1500 bar tooling where speed of operation is essential. Especially useful when using multiple large tools.

NOTES

1. Maximum working pressure of 1500 bar (21,750 psi)
2. A lower delivery and less costly pump TL-1506 is also available. Ask for Data Sheet TL-1506
3. Custom built power packs, with any number of outlets, to suit your existing tooling or with special features are available on request.



Specification:	
Consumption of Free Air	1600 litres per minute (56 standard cubic feet per minute)
Air Pressure Required	4 - 7 bar (60 - 100 psi)
Dimensions	560 mm long x 420 mm wide x 450 mm high
Weight	31 kgs
Oil Reservoir	15 litre ISO 10 hydraulic oil
Frame and Tank	Stainless Steel
Pressure Gauge	0 - 2000 bar
Working Pressure	1500 bar
Oil Flow Rate	See graph above

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