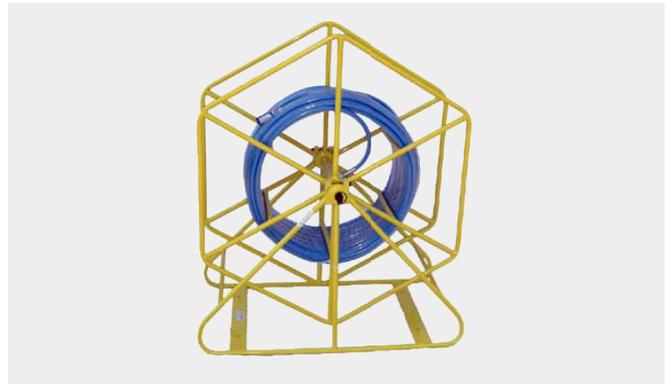




SUBSEA TENSIONER



SUBSEA PUMP HBT-1507-SS



HOSE REEL HBT-1590 WITH DOWNLINE HBT-1537-30

## SUBSEA HYDRAULIC BOLT TENSIONING TOOLS

HYTORC manufactures standard and custom-built tooling for sub sea use. The standard tool range incorporates a combined body and bridge, lifting eye bolt, 1.18 inch (30 mm) piston stroke, 21,750 psi (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 the HYTORC composite material high pressure seals which clip into place and require no adjustment.

All HYTORC tools are assembled, filled with oil and pressure tested prior to dispatch. They are also designed to conform to the European Pressure Equipment Directive and where required are CE marked. HYTORC 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.

HYTORC always keeps in stock a range of complementary pumps, hoses and spares to ensure rapid delivery.

## SPECIFICATIONS

- 21,750 psi (1500 bar) maximum pressure
- High initial bolt stress
- Long 1.18 inch (30 mm) stroke
- Maximum stroke indicator
- Easy piston return
- Long life snap fit seals
- Nickel plated
- Single or twin hydraulic connections
- Split or solid reaction nut
- Fits all standard pipe flange applications
- Non-slip toll surface for easy handling
- All equipment CE marked
- All tools supplied with detailed operating, maintenance and safety manuals
- 24-hour technical support

| TOOL NUMBER | BOLT DIAMETER |        | MAX LOAD |      | TOOL OD     | HEIGHT WITH SPLIT REACTION NUT | HEIGHT WITH SOLID REACTION NUT |
|-------------|---------------|--------|----------|------|-------------|--------------------------------|--------------------------------|
|             | IMPERIAL      | METRIC | LBF      | KN   | METRIC (MM) | METRIC (MM)                    | METRIC (MM)                    |
| G1          | 7/8           | M24    | 81,128   | 361  | 90          | 171                            | 156                            |
|             | 1             | M27    |          |      |             |                                |                                |
|             | 1-1/8         | M30    |          |      |             |                                |                                |
|             | 1-1/4         | M33    |          |      |             |                                |                                |
| G2          | 1-3/8         | M36    | 122,250  | 544  | 109         | 179                            | 169                            |
|             | 1-1/2         | M39    |          |      |             |                                |                                |
|             | 1-5/8         | M42    |          |      |             |                                |                                |
| G3          | 1-3/4         | M45    | 182,480  | 812  | 130         | 198                            | 188                            |
|             | 1-7/8         | M48    |          |      |             |                                |                                |
|             | 2             | M52    |          |      |             |                                |                                |
| G4          | 2-1/4         | M56    | 388,330  | 1550 | 172         | 235                            | 232                            |
|             | 2-1/2         | M64    |          |      |             |                                |                                |
|             | 2-3/4         | M72    |          |      |             |                                |                                |
| G5          | 3             | M76    | 575,760  | 2562 | 215         | 271                            | 268                            |
|             | —             | M80    |          |      |             |                                |                                |
|             | 3-1/4         | M85    |          |      |             |                                |                                |
|             | 3-1/2         | M90    |          |      |             |                                |                                |

The World's Most Trusted Industrial Bolting Systems

HYTORC owns all content, copyrights, trademarks and patents in this document. © 2021 HYTORC. Any unauthorized use or distribution of any material from this document is strictly prohibited.

**HYTORC**

**Headquarters:**  
333 Route 17 N., Mahwah, NJ 07430  
+1-201-512-9500

**Email:**  
info@hytorc.com

**Phone:**  
1-800-FOR-HYTORC

**Online:**  
hytorc.com