

**TWS-N | HYDRAULIC TORQUE WRENCHES - SQUARE DRIVE**

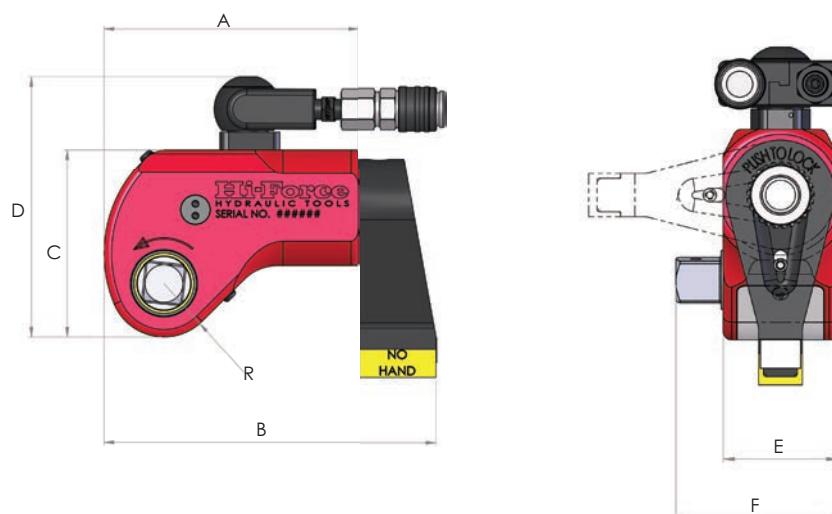


**Torque capacities up to 36992 Nm**

**Torque accuracy of +/- 3%**

**Working pressure 700 bar**

- Compact, lightweight aluminium body construction
- Output torque capacities from 1727 to 36992 Nm (1254 to 26860 lbf.ft)
- Choice of square drive sizes from  $\frac{3}{4}$ " to 2  $\frac{1}{2}$ "
- Reversible square drive for tightening or loosening applications
- Multi-position reaction arm with safety lock feature
- All models are fitted with a multi-directional 360° x 180° swivel with quick release couplings. The multi-directional feature enables easy positioning of hydraulic hoses during operation, preventing damage from pinching or kinking
- High quality torque wrench sockets for use with TWS-N range hydraulic wrenches are listed on pages 85 and 86
- Optional allen hex drives available from  $\frac{1}{2}$ " to 2  $\frac{1}{4}$ " and 14 to 60 mm (see page 87)



| Model number | Torque capacity |                      | Square drive size | Weight including reaction foot (kg) | Dimensions (mm) |     |     |     |     |     |    |
|--------------|-----------------|----------------------|-------------------|-------------------------------------|-----------------|-----|-----|-----|-----|-----|----|
|              | Nm at 700 bar   | lbf.ft at 10,000 psi |                   |                                     | A               | B   | C   | D   | E   | F   | R  |
| TWS17N       | 1727            | 1254                 | $\frac{3}{4}$ "   | 1.9                                 | 134             | 174 | 93  | 141 | 51  | 73  | 28 |
| TWS45N       | 4529            | 3289                 | 1"                | 4.8                                 | 170             | 222 | 126 | 175 | 68  | 98  | 36 |
| TWS100N      | 10064           | 7527                 | 1 $\frac{1}{2}$ " | 9.0                                 | 223             | 293 | 163 | 211 | 92  | 134 | 46 |
| TWS150N      | 14974           | 10873                | 1 $\frac{1}{2}$ " | 15.0                                | 247             | 323 | 189 | 237 | 100 | 138 | 54 |
| TWS370N      | 36992           | 26860                | 2 $\frac{1}{2}$ " | 32.5                                | 329             | 432 | 239 | 289 | 137 | 200 | 66 |