

# RTX-14 TORQUE CHART



This chart shows the correlation between pump gauge psi reading and torque output for your Rapid-Torc RTX-14 hydraulic torque wrench.

*Atlas Copco*

- 1 Find the closest torque value for your application, either in ft-lbs or in Nm.
- 2 Set the pressure on the pump that corresponds to the torque value.

## FOOT-POUNDS

| PSI  | FT.LB. | PSI   | FT.LB. |
|------|--------|-------|--------|
| 1500 | 2010   | 5800  | 7772   |
| 1600 | 2144   | 6000  | 8040   |
| 1800 | 2412   | 6200  | 8308   |
| 2000 | 2680   | 6400  | 8576   |
| 2200 | 2948   | 6600  | 8844   |
| 2400 | 3216   | 6800  | 9112   |
| 2600 | 3484   | 7000  | 9380   |
| 2800 | 3752   | 7200  | 9648   |
| 3000 | 4020   | 7400  | 9916   |
| 3200 | 4288   | 7600  | 10184  |
| 3400 | 4556   | 7800  | 10452  |
| 3600 | 4824   | 8000  | 10720  |
| 3800 | 5092   | 8200  | 10988  |
| 4000 | 5360   | 8400  | 11256  |
| 4200 | 5628   | 8600  | 11524  |
| 4400 | 5896   | 8800  | 11792  |
| 4600 | 6164   | 9000  | 12060  |
| 4800 | 6432   | 9200  | 12328  |
| 5000 | 6700   | 9400  | 12596  |
| 5200 | 6968   | 9600  | 12864  |
| 5400 | 7236   | 9800  | 13132  |
| 5600 | 7504   | 10000 | 13400  |

## NEWTON-METERS

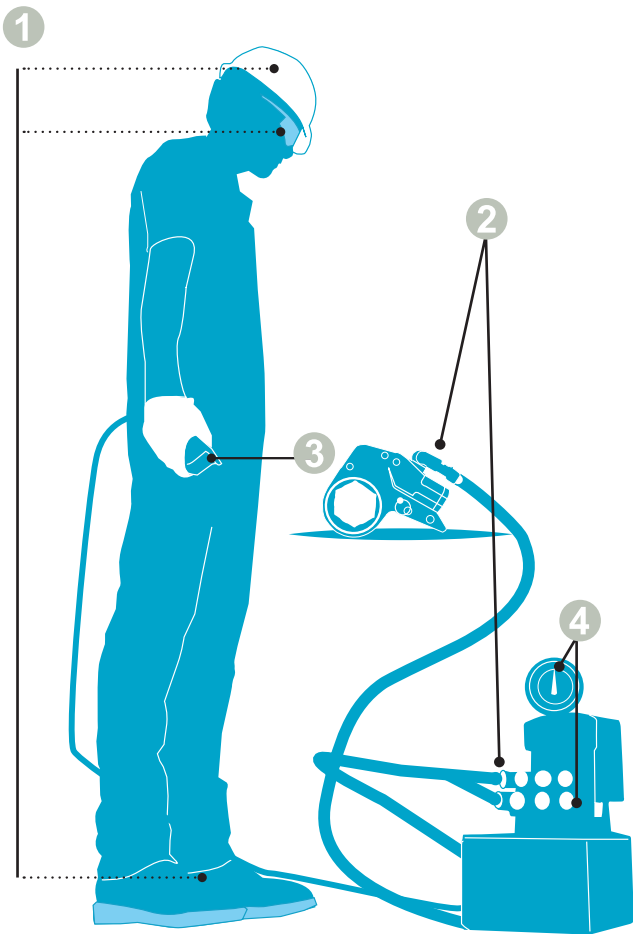
| BAR | NM    | BAR | NM    |
|-----|-------|-----|-------|
| 104 | 2725  | 400 | 10537 |
| 110 | 2907  | 414 | 10901 |
| 124 | 3270  | 427 | 11264 |
| 138 | 3634  | 441 | 11627 |
| 152 | 3997  | 455 | 11991 |
| 165 | 4360  | 468 | 12354 |
| 179 | 4724  | 482 | 12718 |
| 193 | 5087  | 496 | 13081 |
| 207 | 5450  | 510 | 13444 |
| 220 | 5814  | 524 | 13808 |
| 234 | 6177  | 538 | 14171 |
| 248 | 6540  | 552 | 14534 |
| 262 | 6904  | 565 | 14898 |
| 276 | 7267  | 579 | 15261 |
| 290 | 7631  | 593 | 15624 |
| 303 | 7994  | 607 | 15988 |
| 317 | 8357  | 620 | 16351 |
| 331 | 8721  | 634 | 16715 |
| 345 | 9084  | 648 | 17078 |
| 358 | 9447  | 662 | 17441 |
| 372 | 9811  | 676 | 17805 |
| 386 | 10174 | 690 | 18168 |

The above torque values are only applicable when using a calibrated RTX-14 hydraulic torque wrench powered by a 10,000 psi pump fitted with a calibrated class 1 gauge.

# QUICK SETUP GUIDE

Setting up your hydraulic torque wrench for use is easy. Please read the included user manual and safety instruction booklet for additional guidelines.

## FOUR BASIC STEPS TO OPERATE YOUR RTX-14



1

### WEAR PPE

Wear personal protective equipment, such as eyeglasses and steel-toe shoes.

2

### CONNECT HOSES

Make sure the hoses are free of any defects. The couplers are on pump and the tool should be securely connected. Place tool on flat surface.

3

### CYCLE YOUR TOOL

Turn pump on. Cycle the tool. Press the "ON" button on the remote, hold until tool clicks. Release, wait for the tool to click. Repeat the cycle. Ensure there is no leak.

4

### SET PRESSURE

Use the torque conversion chart to set the psi for the torque you need. Press the remote's "ON" button and slowly turn the pressure regulator clockwise to reach the right pressure.



Scan the code to see a brief overview video on how to use the document or go to [rapidtorc.com/torque\\_setup](https://rapidtorc.com/torque_setup)