

# RT-1 TORQUE CHART



This chart shows the correlation between pump gauge psi reading and torque output for your Rapid-Torc RT-1 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	209	5800	806
1600	222	6000	834
1800	250	6200	862
2000	278	6400	890
2200	306	6600	917
2400	334	6800	945
2600	361	7000	973
2800	389	7200	1001
3000	417	7400	1029
3200	445	7600	1056
3400	473	7800	1084
3600	500	8000	1112
3800	528	8200	1140
4000	556	8400	1168
4200	584	8600	1195
4400	612	8800	1223
4600	639	9000	1251
4800	667	9200	1279
5000	695	9400	1307
5200	723	9600	1334
5400	751	9800	1362
5600	778	10000	1390

## NEWTON-METERS

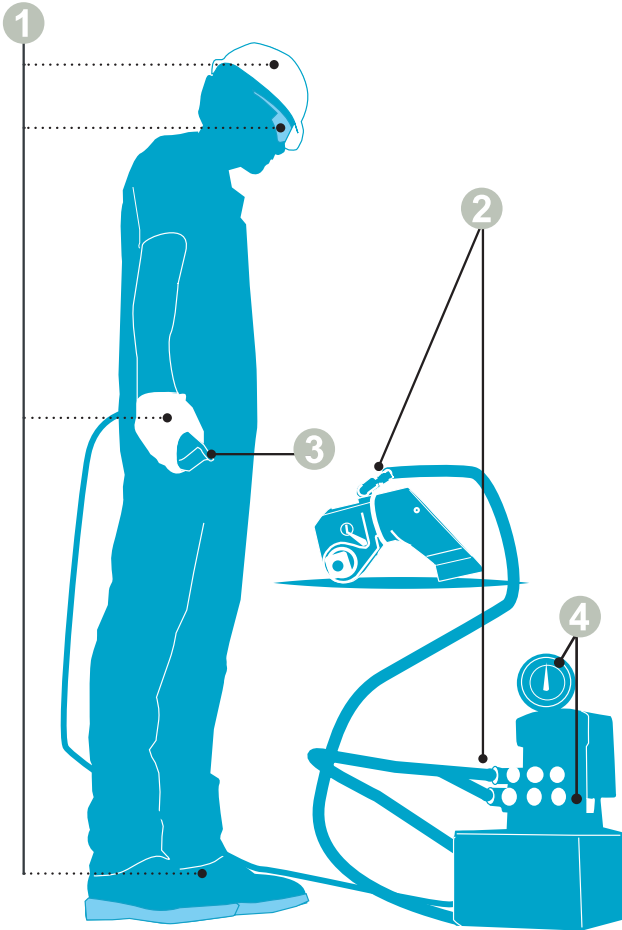
BAR	NM	BAR	NM
104	283	400	1093
110	302	414	1131
124	339	427	1168
138	377	441	1206
152	415	455	1244
165	452	468	1282
179	490	482	1319
193	528	496	1357
207	565	510	1395
220	603	524	1432
234	641	538	1470
248	678	552	1508
262	716	565	1545
276	754	579	1583
290	792	593	1621
303	829	607	1658
317	867	620	1696
331	905	634	1734
345	942	648	1772
358	980	662	1809
372	1018	676	1847
386	1055	690	1885

The above torque values are only applicable when using a calibrated RT-1 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 RT-1



### 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](http://rapidtorc.com/torque_setup)