

# RT-5 TORQUE CHART



This chart shows the correlation between pump gauge psi reading and torque output for your Rapid-Torc RT-5 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	839	5800	3242
1600	894	6000	3354
1800	1006	6200	3466
2000	1118	6400	3578
2200	1230	6600	3689
2400	1342	6800	3801
2600	1453	7000	3913
2800	1565	7200	4025
3000	1677	7400	4137
3200	1789	7600	4248
3400	1901	7800	4360
3600	2012	8000	4472
3800	2124	8200	4584
4000	2236	8400	4696
4200	2348	8600	4807
4400	2460	8800	4919
4600	2571	9000	5031
4800	2683	9200	5143
5000	2795	9400	5255
5200	2907	9600	5366
5400	3019	9800	5478
5600	3130	10000	5590

## NEWTON-METERS

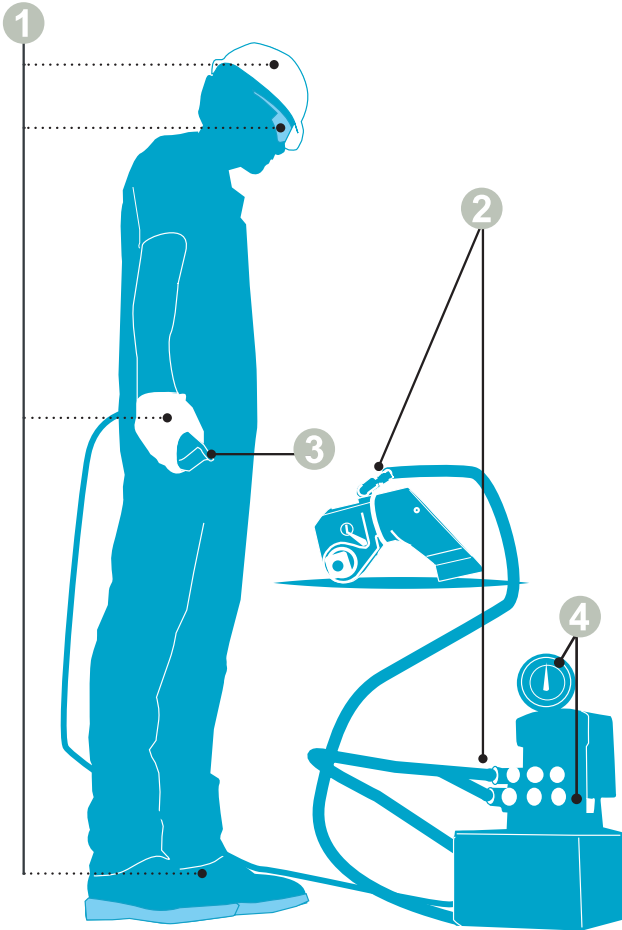
BAR	NM	BAR	NM
104	1137	400	4396
110	1213	414	4547
124	1364	427	4699
138	1516	441	4851
152	1667	455	5002
165	1819	468	5154
179	1971	482	5305
193	2122	496	5457
207	2274	510	5608
220	2425	524	5760
234	2577	538	5912
248	2728	552	6063
262	2880	565	6215
276	3032	579	6366
290	3183	593	6518
303	3335	607	6670
317	3486	620	6821
331	3638	634	6973
345	3790	648	7124
358	3941	662	7276
372	4093	676	7427
386	4244	690	7579

The above torque values are only applicable when using a calibrated RT-5 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-5



### 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)