

# RT-20 TORQUE CHART



This chart shows the correlation between pump gauge psi reading and torque output for your Rapid-Torc RT-20 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	2964	5800	11461
1600	3162	6000	11856
1800	3557	6200	12251
2000	3952	6400	12646
2200	4347	6600	13042
2400	4742	6800	13437
2600	5138	7000	13832
2800	5533	7200	14227
3000	5928	7400	14622
3200	6323	7600	15018
3400	6718	7800	15413
3600	7114	8000	15808
3800	7509	8200	16203
4000	7904	8400	16598
4200	8299	8600	16994
4400	8694	8800	17389
4600	9090	9000	17784
4800	9485	9200	18179
5000	9880	9400	18574
5200	10275	9600	18970
5400	10670	9800	19365
5600	11066	10000	19760

## NEWTON-METERS

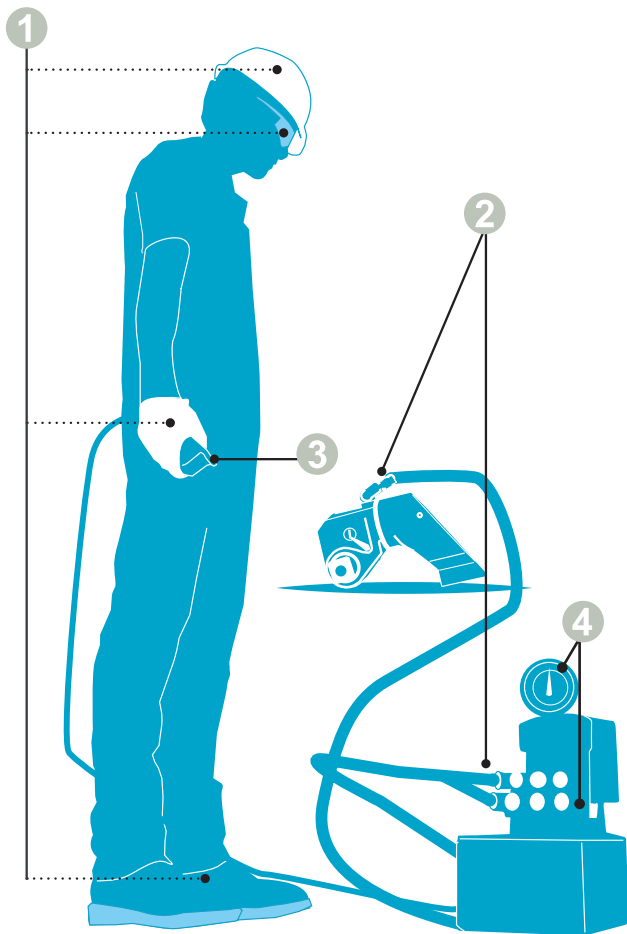
BAR	NM	BAR	NM
104	4019	400	15539
110	4287	414	16075
124	4822	427	16610
138	5358	441	17146
152	5894	455	17682
165	6430	468	18218
179	6966	482	18754
193	7501	496	19289
207	8037	510	19825
220	8573	524	20361
234	9109	538	20897
248	9645	552	21433
262	10181	565	21969
276	10716	579	22504
290	11252	593	23040
303	11788	607	23576
317	12324	620	24112
331	12860	634	24648
345	13395	648	25184
358	13931	662	25719
372	14467	676	26255
386	15003	690	26791

The above torque values are only applicable when using a calibrated RT-20 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-20



### 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)