

RT-50

SQUARE DRIVE

HYDRAULIC TORQUE WRENCH

Pressure/Torque Conversion Chart

How to use this chart

- 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. *Please ensure that the gauge calibration certificate is current.*
- 3 Appreciate the powerful torque output and the accuracy of the RT-50. Enjoy the hands-free feature and work from a safe distance. *Your safety is our main priority.*

Scan the code to see how to use this document, or go to rapidtorc.com/torque_setup



RAPID-TORC®
Part of the Atlas Copco Group

email support@rapidtorc.com
website www.rapidtorc.com

PSI	FT.LB.
1500	7875
1600	8400
1800	9450
2000	10500
2200	11550
2400	12600
2600	13650
2800	14700
3000	15750
3200	16800
3400	17850
3600	18900
3800	19950
4000	21000
4200	22050
4400	23100
4600	24150
4800	25200
5000	26250
5200	27300
5400	28350
5600	29400
5800	30450
6000	31500
6200	32550
6400	33600
6600	34650
6800	35700
7000	36750
7200	37800
7400	38850
7600	39900
7800	40950
8000	42000
8200	43050
8400	44100
8600	45150
8800	46200
9000	47250
9200	48300
9400	49350
9600	50400
9800	51450
10000	52500

BAR	NM
104	10677
110	11389
124	12812
138	14236
152	15660
165	17083
179	18507
193	19931
207	21354
220	22778
234	24201
248	25625
262	27049
276	28472
290	29896
303	31319
317	32743
331	34167
345	35590
358	37014
372	38437
386	39861
400	41285
414	42708
427	44132
441	45555
455	46979
468	48403
482	49826
496	51250
510	52674
524	54097
538	55521
552	56944
565	58368
579	59792
593	61215
607	62639
620	64062
634	65486
648	66910
662	68333
676	69757
690	71180

SQUARE DRIVE QUICK SETUP

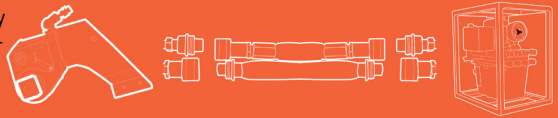
1

Connect your socket to your square drive. **ALWAYS** use the safety connector pin and the safety ring for added safety.



2

Make sure your hoses are free of any defects. Connect hose to the corresponding couplers on the pump and tool.



3

Cycle the tool.



4

NOTE: Easy to remember tool position for tightening and loosening.

Tightening.



Loosening.

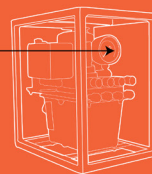


5

Use the pressure/torque conversion chart to set the psi for the torque value you need.

NOTE: Only use the chart that corresponds to the tool

TOOL		UNIT WEIGHTS
APPLICABLE DRIVE TORQUE		
How to use this chart		
1	Match the tool size to the chart	
2	Match the drive torque to the chart	
3	Match the pressure to the chart	
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100	Match the torque to the chart	



Turn the T-handle to the right to set the pressure.

WARNING:

NEVER PLACE HANDS NEAR ACTION OR REACTION POINTS.
ALWAYS WEAR HARD HAT, SAFETY GLOVES, GOGGLES, STEELTOE BOOTS AND EARPLUGS
THE PUMP AND THE TOOL SHOULD BE OPERATED BY THE SAME PERSON.