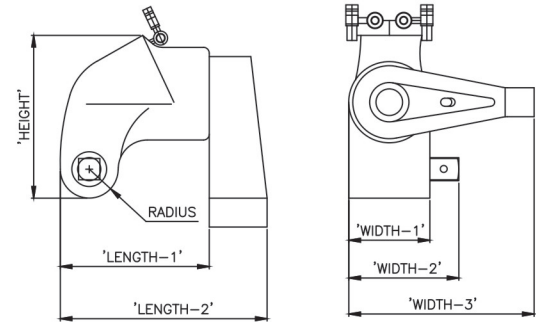


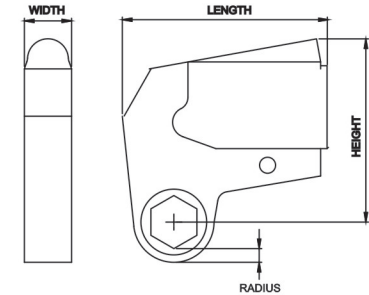
Hydraulic Torque Wrench

Square drive series



Model Nos	Units	HTS-2	HTS-5	HTS-8	HTS-10	HTS-15	HTS-25	HTS-35	HTS-80
Square Drive	inch	3/4"	1"	1.1/2"	1.1/2"	1.1/2"	2.1/2"	2.1/2"	2.1/2"
Torque Range	Nm	172-1722	447-4514	745-7457	1003-10031	1491-14925	2630-27964	3687-36872	7862-78625
	ft.lbs.	127-1270	330-3330	550-5500	740-7400	1100-11010	1940-20625	2720-27200	5800-58000
Length 1	mm.	122.4	162.5	200.9	224.5	248.6	239.7	312.9	390.7
Length 2	mm.	161.0	214.1	270.7	294.1	324.8	408.9	414.8	518.2
Nose Radius	mm.	24.9	33.2	39.8	44.9	51.5	58.7	62.5	78.7
Width 1	mm.	50.8	66.8	79.2	91.7	100.3	123.6	133.6	167.1
Width 2	mm.	70.9	93.5	117.8	128.5	137.9	181.7	192.3	225.8
Width 3	mm.	112.3	147.6	177.8	202.7	221.5	276.4	295.4	363.0
Weight	kgs.	1.7	4.1	7.7	8.6	13.1	27.6	31.7	59.8

Low profile Hydraulic Torque Wrench Hex. Drive Series



Model Nos	Units Nm	HTX-1 61-759	HTX-2 260-2614	HTX-4 535-5355	HTX-8 1125-11699	HTX-16 2115-22503	HTX-32 4365-48327	HTX-45 6575-64239
Torque Range	ft.lbs.	45-560	192-1928	395-3950	830-8630	1560-16600	3220-35650	4850-47380
Length	mm.	111.0	163.8	199.9	258.6	328.4	401.3	425.5
Nose Radius	mm.	5.8	9.1	11.7	13.7	16.5	23.6	23.6
Width	mm.	19.8	31.8	41.4	52.1	63.5	82.3	124.0
Height	mm.	82.6	101.6	142.2	177.8	192.5	241.3	261.1
Cylinder Weight	Kgs.	0.45	1.58	2.70	5.00	7.30	11.50	13.00
Link Weight	Kgs.	0.45-0.48	1.0-1.5	2.4-3.4	5.5-6.5	9.5-13.0	13.0-17.9	13.0-17.9

Torque accuracy + / - 4%

Application : Widely used in Engineering industries, Marine, Petrochemicals, Railways, Chemicals, Steel Plants, Power Plants, Hydro Projects, Pulp and Paper Mills.



Power Pack

- Light weight portable.
- Two stage Hydraulic Pump.
- Single / Three phase option.
- 24V DC pendant control.
- Configuration of two and four ports.
- Inbuilt heat exchanger.
- Tank Capacity 8-12 ltrs
- Flow Rate 9.7lpm @ 100bar.
0.97lpm @ 700bar

Optional accessories :

- Digital pressure gauge on request.
- 4/8 ports for connecting 2/4 torque wrenches on request.

Manual Torque Wrench

Click Type

Model No.		Torque Range			Square Drive	Overall Length	Approx Weight
NON-RATCHING	RATCHING	nm.	kgf.m.	ft.lb.	inches	mm.	kgs.
MTC-10	MTCR-10	2.5-11	0.3-1.1	2-8	3/8	320/360	0.65
MTC-35	MTCR-35	5-35	0.5-3.5	4-25	3/8	430/465	0.85
MTC-50	MTCR-50	12-68	1.2-7	10-50	1/2	485/530	1.5
MTC-100	MTCR-100	25-135	3-14	20-100	1/2	545/595	2.0
MTC-160	MTCR-160	50-225	5-23	40-160	1/2	610/660	3.0
MTC-250	MTCR-250	70-330	7-35	50-250	1/2	835/890	4.0
MTC-400	MTCR-400	140-560	14-57	100-410	3/4	1120/1195	7.0
MTC-500	MTCR-500	135-780	14-78	100-500	3/4	1110/1195	7.0
MTC-750	MTCR-750	475-1050	49-105	350-750	3/4	1390/1480	15.0
MTC-1000	MTCR-1000	540-1380	55-140	400-1000	1	1305/1340	18.0
MTC-1400	MTCR-1400	1000-1900	105-195	750-1400	1	1305/1340	18.0
MTC-2000	MTCR-2000	1350-2700	135-275	1000-2000	1	1450/1530	23.5

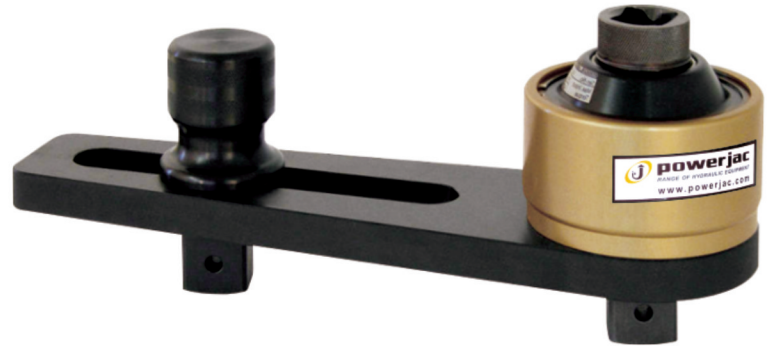
Torque accuracy + / - 3%

Adjustable micrometer type

Model	Range	Model	Range	Square drive	L	Approx Weight
no.	nm.	no.	ft.lb.	inch	mm.	Kgs.
MTA-30N	6-30	MTA-20F	4-20	1/4" or 3/8"	350	0.74
MTA-80N	15-80	MTA-60F	10-60	3/8"	383	0.74
MTA-210N	40-210	MTA-150F	30-150	1/2"	535	1.70
MTA-330N	70-350	MTA-250F	50-250	1/2"	645	2.54
MTA-500N	100-500	MTA-300F	50-300	3/4"	865	3.66
MTA-700N	140-700	MTA-600F	100-600	3/4"	1092	5.94
MTA-980N	140-980	MTA-700F	10-700	3/4 or 1"	1230	6.46
MTA-1500N	300-1500	MTA-1000F	200-1000	1"	1700	11.58

Torque accuracy + / - 3%





Torque Multipliers

Hand Torque Model No.	Maximum Output Torque			Est.bolt Capacity (S. Quality)		Multiplication Factor	Female Input Square	Male Output Square	Major Dia	Depth	Recommend Torque Wrench	Approx Weight With Reaction Plate
	ft.lb.	nm.	kgf.m.	in.	mm.							
PTM-1	1250	1700	170	1.1/8	27	5:1	1/2	3/4	115	87	MTCR-250	4.5
PTM-2	1250	1700	170	1.1/8	27	5:1	3/4	1	115	90	MTCR-250	5.0
PTM-2/2.5	1250	1700	170	1.1/8	27	25:1	1/2	1	115	120	MTCR-50	7.0
PTM-5	2000	2700	275	1.3/8	36	5:1	3/4	1	136	91	MTCR-400	11.0
PTM-5/25	2000	2700	275	1.3/8	36	25:1	1/2	1	136	120	MTCR-100	11.0
PTM-6	2500	3400	345	1.1/2	38	5:1	3/4	1.1/2	136	91	MTCR-750	8.5
PTM-6/25	2500	3400	345	1.1/2	38	25:1	1/2	1.1/2	136	120	MTCR-100	11.5
PTM-7	4500	6000	622	1.7/8	48	5:1	3/4	1.1/2	168	115	MTCR-1000	15.5
PTM-7/25	4500	6000	622	1.7/8	48	25:1	1/2	1.1/2	168	190	MTCR-250	19.5
PTM-9/25	7000	9500	965	2.1/4	56	25:1	3/4	2.1/2	220	225	MTCR-400	27.0
PTM-11/25	11060	15000	1500	3.3/4	68	25:1	3/4	2.1/2	220	280	MTCR-500	45.0

Application : Widely used in Engineering industries, Marine, Petrochemicals, Railways, Chemicals, Steel Plants, Power Plants, Pulp and Paper Mills.