

MSD SERIES

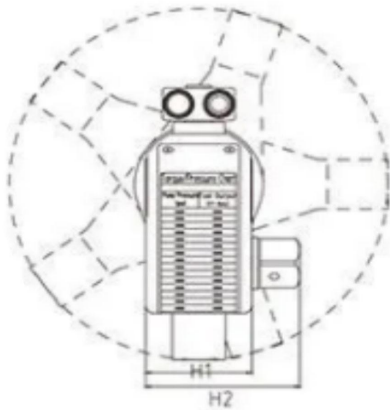
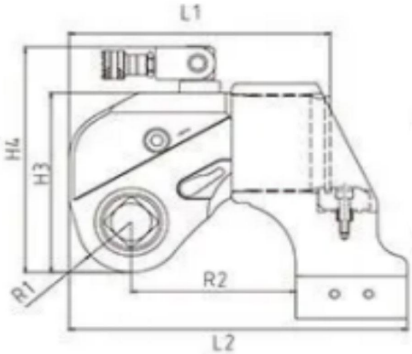
- Working pressure 10000 psi max
- Constantly repeatable accuracy ±3%
- 360° adjustable swivel assembly
- Easy replaceable squares and hexagon drive adapters
- Suitable for continuous operation at maximum pressure
- Heavy duty aluminum-titanium composite light body
- 360°adjustable reaction arm with safety lock

Square Drive Hydraulic Torque Wrench



MSD Series

Type	Square Drive	Torque (ft.lbs)		Weight (lbs)	Dimension (inch)							
		Min	Max		L1	L2	H1	H2	H3	H4	R1	R2
07 MSD	3/4"	81	~ 814	3	4.37	5.47	1.65	2.60	2.99	4.25	0.83	2.68
1 MSD	3/4"	135	~ 1354	6	5.71	6.85	1.97	2.83	3.78	5.16	1.02	3.35
3 MSD	1"	332	~ 3325	11	7.01	9.02	2.68	3.74	5.00	6.97	1.34	4.49
5 MSD	1-1/2"	554	~ 5548	18	8.31	10.67	3.15	4.84	5.87	7.83	1.54	5.93
8 MSD	1-1/2"	794	~ 7945	24	8.74	11.54	3.54	5.28	6.57	8.54	1.85	6.02
10 MSD	1-1/2"	1,143	~ 11,435	33	9.69	12.52	3.94	5.59	7.17	9.13	2.01	6.06
20 MSD	2-1/2"	1,965	~ 19,651	62	12.13	15.12	4.72	7.20	8.66	10.63	2.32	7.32
25 MSD	2-1/2"	2,559	~ 25,592	77	12.72	15.79	5.39	7.87	9.72	11.69	2.60	7.83
35 MSD	2-1/2"	3,586	~ 35867	104	14.69	18.33	6.02	8.50	11.10	13.07	3.03	9.49
60 MSD	2-1/2"	5306	~ 53064	192	15.75	20.31	6.30	8.78	11.46	13.43	3.19	10.20



MPH SERIES

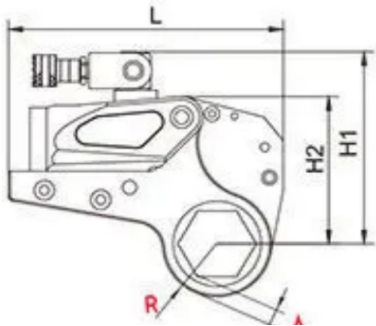
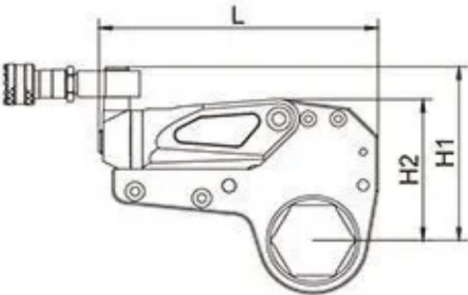
- Working pressure 10000 psi max; accuracy ±3%
- 360° adjustable swivel assembly
- Compact design with longer reaction pad for improved durability
- Compact design using composite materials to give improved strength
- The new locking coupler ensures oil always flows to the wrench head

Low Profile Hex Link Hydraulic Torque Wrench



MPH series

Type	Torque (ft.lbs)		Ratchet Link (inch)	Drive Cylinder (lbs)	Cassettes (lbs)	Dimension (inch)					A (inch)	R (inch)
	Min	Max				L	H1	H2	W1	W2		
2MPH	170	~ 1,696	7/8" ~ 2-3/16"	2.20	3.52	7.69	4.96	4.03	1.26	2.01	0.39~0.63	1.06~1.69
	177	~ 1,770	2-3/8"	2.20	3.74	7.69	5.06	4.14	1.26	2.016	0.43	1.81
4MPH	431	~ 4,314	1-1/4" ~ 2-9/16"	4.40	9.68	10.15	97	5.35	1.65	2.607	0.55~0.63	1.42~2.09
	476	~ 4,775	2-3/4" ~ 3-1/8"	4.40	10.12	10.35	37	5.74	1.65	2.60	0.59	2.2~2.4
8MPH	808	~ 8068	1-7/16"~3-11/16"	7.26	17.60	11.96	8.16	6.66	2.09	3.27	0.63~0.87	1.81~2.36
	867	~ 8864	3-7/8" ~ 4-1/4"	7.26	18.48	11.96	8.51	7.01	2.09	3.27	0.67	2.95~3.07
14MPH	1,364	~ 13,644	2" ~ 4-5/8"	12.10	25.52	14.25	9.42	8.04	2.52	3.09	0.75~1.22	2.36~3.43
	3,083	~ 30,828	2-3/8"~ 6-1/8"	25.08	63.80	16.57	11.94	10.72	3.35	5.16	0.98~1.14	3.03~4.53
30MPH	3,282	~ 32,819	6-1/2" ~ 6-7/8"	25.08	66.00	17.05	12.41	11.23	3.35	5.16	1.06~1.42	4.8~5.04



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