

E-POWER

HLPD SERIES Low Profile Hydraulic Torque Wrenches, 700 bar



*Ratchet Hex Link



*Hydraulic Power Unit

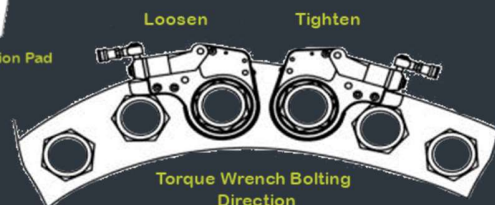
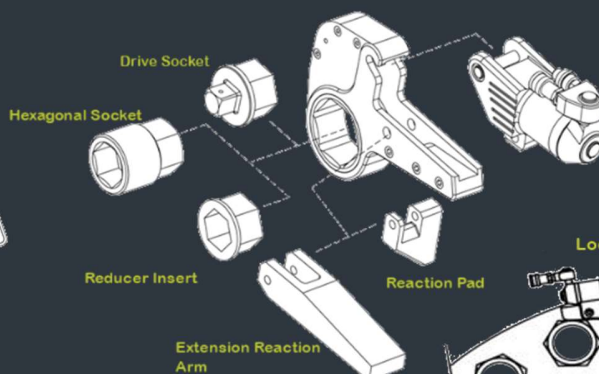
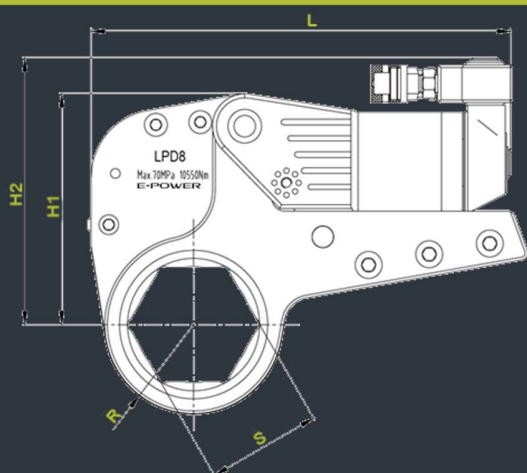


Self-locking
Quick Release 1/4" Coupler*

FEATURES

- ❖ 7 standard models, with torque values ranging from 345 Nm to 42311 Nm. Available up to 90000 Nm torque values upon request.
- ❖ One hydraulic power unit can interchange with different ratchet link sizes (available in 'metric' & 'imperial' hex sizes), with single pin for quick link changeover without any other tools necessary.
- ❖ Hydraulic power unit body is made of Al-Ti alloy material and its hex link is made of steel alloy material, basing on integrated design.
- ❖ Low weight, compact and high strength design.
- ❖ Excellent torsional strength.
- ❖ Includes tool carrying case.
- ❖ Ratchet link and its supporting point are coaxial, well structured for long service life.
- ❖ 360° x 180° swivel joint prevents hoses entangling.
- ❖ Self-locking quick release 1/4" coupler.
- ❖ Consistent torque output accuracy of $\pm 3\%$.
- ❖ Fully enclosed drive mechanism for operator safety.
- ❖ Simple design with small nose radius.
- ❖ Ratchet pawl design prevents ratchet reversing.
- ❖ Other drives, hex reducers, reaction accessories available and can be customized upon request.

*Ratchet Hex Link and Drive are sold separately



Selection Chart – Specifications (Low Profile Wrench - Hydraulic Power Units)

Wrench Model	HLPD3	HLPD4	HLPD8	HLPD14	HLPD18	HLPD20	HLPD30
Torque (Nm min.)	345	546	1055	1848	2481	2909	4231
Torque (Nm max.)	3446	5458	10550	18484	24814	29089	42311
Hex A/F Range (S)	36-60	46-80	70-105	80-115	85-120	90-130	95-145
Hyd Unit Wt. (kg)	0.8	1.9	4.2	6.8	8.1	10.5	12.7
Link Wt. (kg)	1.7	3.6	7.6	12.2	19.3	22.3	32.3
Total Weight (kg)	2.5	5.5	11.8	19	27.4	32.8	45
L (mm)	218	266	324	382	404	427	479
H1 (mm)	118	139	171	205	229	240	268
H2 (mm)	156	167	198	231	255	265	289
W1 (mm)	32	42	53	64	68	70	85
W2 (mm)	50	66	83	99	105	110	132
R (mm)	31-46	42-62	58-78	67-87	73-93	77-102	83-128

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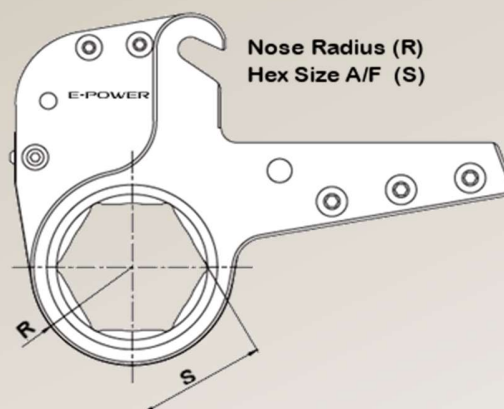
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HLPD SERIES

Low Profile Hydraulic Torque Wrenches, 700 bar

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Selection Chart – Specifications (Low Profile Wrench - Ratchet Hex Links)

Wrench Model	Link Model	Bolt Size	Hex A/F (S)	Radius (R)		Wrench Model	Link Model	Bolt Size	Hex A/F (S)	Radius (R)	
			(mm)	(mm)					(mm)	(mm)	
HLPD3	HLPD3-36mm	M24	36	31		HLPD18	HLPD18-85mm	M56	85	73	
	HLPD3-41mm	M27	41	34			HLPD18-90mm	M60	90	75	
	HLPD3-46mm	M30	46	37			HLPD18-95mm	M64	95	77	
	HLPD3-50mm	M33	50	40			HLPD18-100mm	M68	100	77	
	HLPD3-55mm	M36	55	43			HLPD18-105mm	M72	105	83	
	HLPD3-60mm	M39	60	46			HLPD18-110mm	M76	110	83	
HLPD4	HLPD4-46mm	M30	46	42			HLPD18-115mm	M80	115	88	
	HLPD4-50mm	M33	50	44			HLPD18-120mm	M85	120	93	
	HLPD4-55mm	M36	55	46		HLPD20	HLPD20-90mm	M60	90	77	
	HLPD4-60mm	M39	60	50			HLPD20-95mm	M64	95	80	
	HLPD4-65mm	M42	65	53			HLPD20-100mm	M68	100	80	
	HLPD4-70mm	M45	70	56			HLPD20-105mm	M72	105	85	
	HLPD4-75mm	M48	75	59			HLPD20-110mm	M76	110	85	
	HLPD4-80mm	M52	80	62			HLPD20-115mm	M80	115	90	
HLPD8	HLPD8-70mm	M45	70	58				HLPD20-120mm	M85	120	95
	HLPD8-75mm	M48	75	60				HLPD20-130mm	M90	130	102
	HLPD8-80mm	M52	80	63		HLPD30	HLPD30-95mm	M64	95	83	
	HLPD8-85mm	M56	85	65			HLPD30-100mm	M68	100	83	
	HLPD8-90mm	M60	90	68			HLPD30-105mm	M72	105	89	
	HLPD8-95mm	M64	95	71			HLPD30-110mm	M76	110	89	
	HLPD8-100mm	M68	100	75			HLPD30-115mm	M80	115	94	
	HLPD8-105mm	M72	105	78			HLPD30-120mm	M85	120	98	
HLPD14	HLPD14-80mm	M52	80	67				HLPD30-130mm	M90	130	104
	HLPD14-85mm	M56	85	69				HLPD30-145mm	M100	145	114
	HLPD14-90mm	M60	90	72			HLPD30-150mm	M105	150	116	
	HLPD14-95mm	M64	95	76			HLPD30-155mm	M110	155	116	
	HLPD14-100mm	M68	100	78			HLPD30-165mm	M115	165	128	
	HLPD14-105mm	M72	105	81		• Links Hex A/F with 'Imperial Inch Sizes' are available upon request.					
	HLPD14-110mm	M76	110	85							
	HLPD14-115mm	M80	115	87							

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