

E-POWER

HL PD SERIES

Low Profile Hydraulic Torque Wrenches, 700 bar

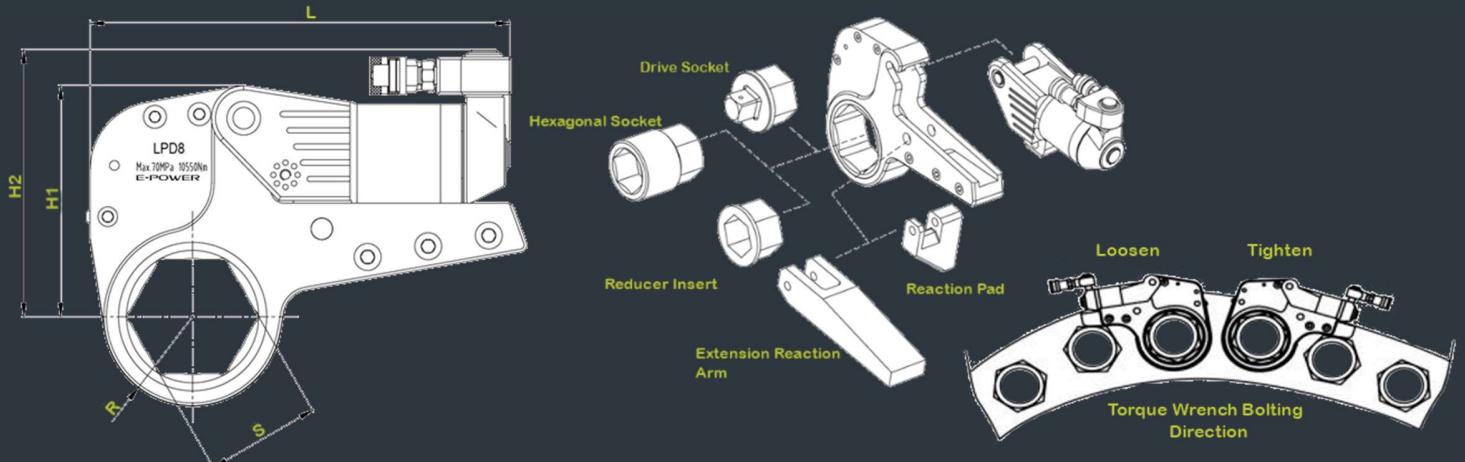


Self-locking
Quick Release 1/4" Coupler*

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 ±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



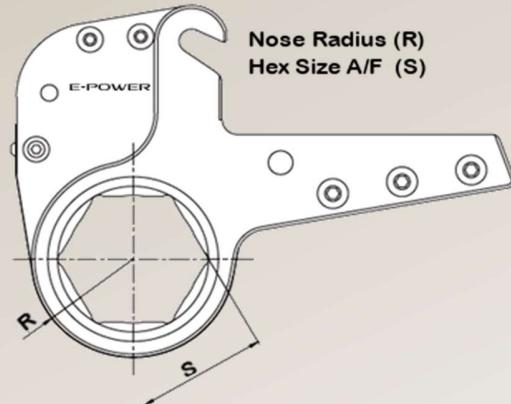
Selection Chart - Specifications (Low Profile Wrench - Hydraulic Power Units)

Wrench Model	HL PD3	HL PD4	HL PD8	HL PD14	HL PD18	HL PD20	HL PD30
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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*Ratchet Hex Link and Drive are sold separately

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)
HL PD3	HLPD3-36mm	M24	36	31		HL PD18	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
HL PD4	HLPD4-46mm	M30	46	42		HL PD20	HLPD20-90mm	M60	90	77
	HLPD4-50mm	M33	50	44			HLPD20-95mm	M64	95	80
	HLPD4-55mm	M36	55	46			HLPD20-100mm	M68	100	80
	HLPD4-60mm	M39	60	50			HLPD20-105mm	M72	105	85
	HLPD4-65mm	M42	65	53			HLPD20-110mm	M76	110	85
	HLPD4-70mm	M45	70	56			HLPD20-115mm	M80	115	90
	HLPD4-75mm	M48	75	59			HLPD20-120mm	M85	120	95
HL PD8	HLPD8-80mm	M52	80	62		HL PD30	HLPD30-95mm	M64	95	83
	HLPD8-70mm	M45	70	58			HLPD30-100mm	M68	100	83
	HLPD8-75mm	M48	75	60			HLPD30-105mm	M72	105	89
	HLPD8-80mm	M52	80	63			HLPD30-110mm	M76	110	89
	HLPD8-85mm	M56	85	65			HLPD30-115mm	M80	115	94
	HLPD8-90mm	M60	90	68			HLPD30-120mm	M85	120	98
	HLPD8-95mm	M64	95	71			HLPD30-130mm	M90	130	102
HL PD14	HLPD14-100mm	M68	100	75		HL PD30	HLPD30-145mm	M100	145	114
	HLPD14-80mm	M52	80	67			HLPD30-150mm	M105	150	116
	HLPD14-85mm	M56	85	69			HLPD30-155mm	M110	155	116
	HLPD14-90mm	M60	90	72			HLPD30-165mm	M115	165	128
	HLPD14-95mm	M64	95	76			HLPD30-130mm	M90	130	104
	HLPD14-105mm	M72	105	81			HLPD30-170mm	M105	170	130
	HLPD14-110mm	M76	110	85			HLPD30-180mm	M110	180	140
	HLPD14-115mm	M80	115	87		• Links Hex A/F with 'Imperial Inch Sizes' are available upon request.				