



***LMS8 series  
Impact wrenches***

***Atlas Copco***

# **SUPERPOWER FOR INDUSTRY**

*The LMS8-series impact wrenches deliver true raw power and enable extremely fast tightening and loosening.*

*The innovative and unique grease retaining system ensures maximum tool performance with long service intervals.*

*For an impact wrench, the LMS8 also has extraordinarily low vibration levels. Once you have experienced the feel and great performance of the LMS8 there is no substitute.*

**LMS68**

**LMS58**

**LMS88**

# **GRS**

## **LONG SERVICE INTERVALS AND LASTING HIGH PERFORMANCE**

The unique Grease Retaining System (GRS) allows for much longer service intervals.

Because the grease stays in the clutch, low viscosity grease can be used which decreases friction and increases performance. All in all, this results in a very consistent, high performance tool.



# 5500Nm

## **HIGHEST POWER-TO-WEIGHT RATIO**

An extremely powerful motor and a highly efficient clutch, in combination with low weight housings, give the **LMS8-series** unrivalled power-to-weight characteristics, allowing for very fast torque build up.

## **DURABLE METAL HOUSINGS**

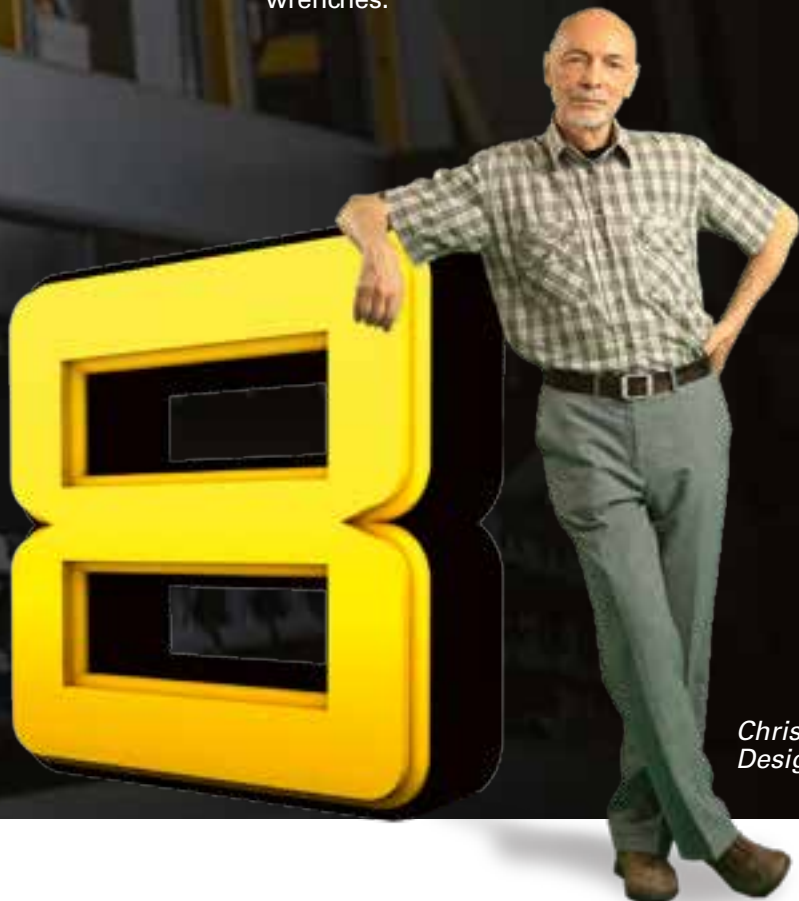
The robust, solid metal motor and clutch housings characterize a true heavy duty tool that is able to withstand the toughest conditions.

## **MINIMUM WEAR AND LOW VIBRATIONS**

Each part of the durable **LMS8-Series** clutch is produced with a high degree of accuracy. This allows the maximum amount of energy to be generated in each impact. It also minimizes wear, vibration and strain on the operator.

## **THE MAN BEHIND IT ALL**

Making the best performing impact wrenches in the industry is not something that happens overnight. In fact, Christian Schoeps has dedicated 45 years to developing and designing Atlas Copco's pneumatic tools. The latest result of his dedication is the **LMS8-Series**, which delivers unmatched performance among impact wrenches.



*Christian Schoeps  
Design engineer*

**LMS08 HR**



**LMS 08 SR**



**LMS58 HR**



**LMS68 GIR**



**LMS88 GIR**



**TECHNICAL DATA**

Model	Bolt size mm	Square drive in	Torque range		Max torque		Impacts per min	Free speed r/min	Weight		Length CS excl. distance anvil mm		Air consumption under load		Rec. hose size mm	Air inlet thread in	Ordering No.
			Nm	ft lb	Nm	ft lb			kg	lb	mm	mm	l/s	cfm			
LMS08 HR10	6-8	3/8	7-45	5-33	65	48	1650	14000	0.90	2.0	185	21	2.5	5	6.3	1/4	8434108000
LMS08 HR42	6-8	1/4 <sup>a</sup>	7-35	5-26	60	44	1650	14000	0.9	2.0	186	21	2.5	5	6.3	1/4	8434108005
LMS08 SR42	6-8	1/4 <sup>a</sup>	7-35	5-26	60	44	1650	12500	0.85	1.9	185	20	4.3	9.1	6.3	1/4	8434108106
LMS08 SR10	6-8	3/8	7-45	5-33	65	48	1650	12500	0.85	1.9	184	20	4.3	9.1	6.3	1/4	8434108111
LMS18 HR13	10	1/2	10-110	7-81	150	110	1500	8100	1.45	3.2	144	26	8.5	18	10	1/4	8434118000
LMS18 HR10	10	3/8	10-90	7-66	120	88	1650	8100	1.45	3.2	148	26	6.5	14	10	1/4	8434118001
LMS18 HR13/F	10	1/2	10-110	7-81	150	110	1500	8100	1.45	3.2	144	26	8.5	18	10	1/4	8434118002
LMS18 HR10/F	10	3/8	10-90	7-66	120	88	1650	8100	1.45	3.2	148	26	6.5	14	10	1/4	8434118003
LMS28 HR13	12	1/2	30-210	22-155	390	287	1500	9500	1.85	4.1	146	29	8.5	18	10	3/8	8434128000
LMS28 HR13/F	12	1/2	30-210	22-155	390	287	1500	9500	1.85	4.1	146	29	8.5	18	10	3/8	8434128001
LMS38 HR13	14-16	1/2	40-375	29-276	850	627	1350	8000	2.6	5.7	167	29	10	21	10	3/8	8434138000
LMS38 HR13/F	14-16	1/2	40-375	29-276	850	627	1350	8000	2.6	5.7	167	29	10	21	10	3/8	8434138001
LMS48 HR20	16-18	3/4	100-550	74-405	1375	1014	1100	6500	3.3	7.3	173	38	12	25.2	12.5	3/8	8434148000
LMS58 HR25	20-22	1	300-800	221-590	1900	1401	900	5500	4.8	10.6	210	42	14.5	30.5	12.5	3/8	8434158000
LMS58 HR20	18-20	3/4	300-800	221-590	1900	1401	900	5500	4.8	10.6	210	42	14.5	30.5	12.5	3/8	8434158001
LMS68 GIR25	22-30	1	600-1800	442-1400	4450	3282	780	5000	9.6	21.1	339	55	28	58.9	16	1/2	8434168000
LMS68 HR25	22-30	1	600-1800	442-1400	4450	3282	780	5000	9.8	21.5	252	55	28	58.9	16	1/2	8434168001
LMS68 GOR25	22-30	1	600-1800	442-1400	4450	3282	780	5000	9.6	21.1	339	55	28	58.9	16	1/2	8434168002
LMS68 HR S5	22-30	1 5/8 <sup>b</sup>	600-1800	442-1400	4450	3282	780	5000	9.8	21.5	252	55	28	58.9	16	1/2	8434168003
LMS68 GIR S5	22-30	1 5/8 <sup>b</sup>	600-1800	442-1400	4450	3282	780	5000	9.6	21.1	339	55	28	58.9	16	1/2	8434168005
LMS68 GOR S5	22-30	1 5/8 <sup>b</sup>	600-1800	442-1400	4450	3282	780	5000	9.6	21.1	339	55	28	58.9	16	1/2	8434168010
LMS88 GIR38	30-42	1 1/2	1000-5500	737-4054	10000	7370	540	3800	15.0	33.0	381	63.5	33	69.4	16	1/2	8434188000
LMS88 GOR38	30-42	1 1/2	1000-5500	737-4054	10000	7370	540	3800	15.0	33.0	381	63.5	33	69.4	16	1/2	8434188001
LMS88 GIR S5	30-42	1 5/8 <sup>b</sup>	1000-5500	737-4054	10000	7370	540	3800	15.0	33.0	381	63.5	33	69.4	16	1/2	8434188005
LMS88 GOR S5	30-42	1 5/8 <sup>b</sup>	1000-5500	737-4054	10000	7370	540	3800	15.0	33.0	381	63.5	33	69.4	16	1/2	8434188010

<sup>a</sup> Female hex. quick change chuck.

<sup>b</sup> Spline drive No. 5.

GOR = Outside trigger.

GIR = Inside trigger.



Whip hose



MultiFlex



Productivity kit

**SOUND AND VIBRATION LEVELS**

Model	Vibration 3 axes value according to ISO 28927-2		Sound levels <sup>a</sup> according to ISO 15744	
	Value 3-axes m/s <sup>2</sup>	Uncertainty m/s <sup>2</sup>	Sound Pressure dB (A)	Sound Power dB(A)
LMS08 HR10	2.3	-	85	96
LMS08 HR42	2.3	-	85	96
LMS08 SR42	5.6	-	85	96
LMS08 SR10	5.6	-	85	96
LMS18 HR13	5.3	-	90	101
LMS18 HR10	5.3	-	90	101
LMS28 HR13	5.2	-	91	101
LMS38 HR13	3.5	1.5	88	99
LMS48 HR20	5	1.4	89	100
LMS58 HR25	5.5	1.6	92	103
LMS58 HR20	5.5	1.6	92	103
LMS68 GIR25	8.1	2.8	98	109
LMS68 HR25	8.1	2.8	98	109
LMS68 GOR25	8.1	2.8	98	109
LMS68 GIR S5	8.1	2.8	98	109
LMS68 GOR S5	8.1	2.8	98	109
LMS88 GIR38	4.8	2	100	111
LMS88 GOR38	4.8	2	100	111
LMS88 GIR S5	4.8	2	100	111
LMS88 GOR S5	4.8	2	100	111

<sup>a</sup>The uncertainty in the sound level is 3 dB(A).

**ACCESSORIES**

Model	Productivity kit	MultiFlex	Whip hose
	Ordering No.	Ordering No.	Ordering No.
LMS08 HR10	8202 0850 00	8202 1350 20	not necessary
LMS08 HR42	8202 0850 00	8202 1350 20	not necessary
LMS08 SR42	8202 0850 00	8202 1350 20	not necessary
LMS08 SR10	8202 0850 00	8202 1350 20	not necessary
LMS18 HR13	8202 0850 16	8202 1350 22	not necessary
LMS18 HR10	8202 0850 16	8202 1350 22	not necessary
LMS28 HR13	8202 0850 17	8202 1350 22	not necessary
LMS38 HR13	8202 0850 17	8202 1350 22	not necessary
LMS48 HR20	8202 0850 14	8202 1350 22	not necessary
LMS58 HR25	8202 0850 14	8202 1350 22	not necessary
LMS58 HR20	8202 0850 14	8202 1350 22	not necessary
LMS68 GIR25	8202 0850 20	8202 1350 24	8202118028
LMS68 HR25	8202 0850 20	8202 1350 24	8202118028
LMS68 GOR25	8202 0850 20	8202 1350 24	8202118028
LMS68 GIR S5	8202 0850 20	8202 1350 24	8202118028
LMS68 GOR S5	8202 0850 20	8202 1350 24	8202118028
LMS88 GIR38	8202 0850 20	8202 1350 24	8202118028
LMS88 GOR38	8202 0850 20	8202 1350 24	8202118028
LMS88 GIR S5	8202 0850 20	8202 1350 24	8202118028
LMS88 GOR S5	8202 0850 20	8202 1350 24	8202118028

**COMMITTED TO SUSTAINABLE PRODUCTIVITY**

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