

# LMS 8 Series Impact Wrenches

Superpower for industry



*Sustainable Productivity*

*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.



LMS88

LMS68

LMS58

# 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

## Technical data

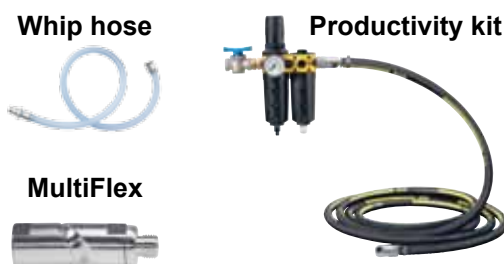
Model	Bolt size mm	Square drive in	Torque range		Max torque		Impacts per min	Free speed r/min	Weight		Length excl. anvil mm	CS distance mm	Air consumption under load		Rec. hose size mm	Air inlet thread in	Ordering No.
			Nm	ft lb	Nm	ft lb			kg	lb			l/s	cfm			
LMS08 HR10	6-8	3/8	7-45	5-33	65	48	1650	14000	0.90	2.0	185	21(20)	2.5	5	6.3	1/4	8434 1080 00
LMS08 SR10	6-8	3/8	7-45	5-33	65	48	1650	12500	0.85	1.9	184	20	2.5	5	6.3	1/4	8434 1081 11
LMS18 HR10	10	1/2	10-90	7-66	120	88	1650	8100	1.45	3.2	148	26(23.5)	6.5	14	10	3/8	8434 1180 01
LMS18 HR13	10	1/2	10-110	7-81	150	110	1500	8100	1.45	3.2	144	26(23.5)	8.5	18	10	3/8	8434 1180 00
LMS28 HR13	12	1/2	30-210	22-155	260	192	1500	9500	1.85	4.1	146	29(28.5)	8.5	18	10	3/8	8434 1280 00
LMS38 HR13	14-16	1/2	40-375	29-276	500	368	1350	8000	2.6	5.7	167	29(28.5)	10	21	10	3/8	8434 1380 00
LMS48 HR20	16-18	3/4	100-550	74-405	850	626	1100	6500	3.3	7.3	173	38(36)	12	25.2	12.5	3/8	8434 1480 00
LMS58 HR20	18-20	3/4	300-800	221-590	1200	884	900	5500	4.8	10.6	210	42(38)	14.5	30.5	12.5	3/8	8434 1580 01
LMS58 HR25	20-22	1	300-800	221-590	1200	884	900	5500	4.8	10.6	210	42(38)	14.5	30.5	12.5	3/8	8434 1580 00
LMS68 GIR25*	22-30	1	600-1800	442-1400	2800	2036	780	5000	9.6	21.1	339	55(51.5)	28	58.9	16	1/2	8434 1680 00
LMS68 GOR25*	22-30	1	600-1800	442-1400	2800	2036	780	5000	9.6	21.1	339	55(51.5)	28	58.9	16	1/2	8434 1680 02
LMS68 HR25*	22-30	1	600-1800	442-1400	2800	2036	780	5000	9.8	21.5	252	55(51.5)	28	58.9	16	1/2	8434 1680 01
LMS88 GIR38	30-42	1 1/2	1000-5500	737-4054	10000	7370	540	3800	15.0	33.0	381	63.5(62.5)	33	69.4	16	1/2	8434 1880 00
LMS88 GOR38	30-42	1 1/2	1000-5500	737-4054	10000	7370	540	3800	15.0	33.0	381	63.5(62.5)	33	69.4	16	1/2	8434 1880 01

\* Spline drive No. 5 (1 5/8") available. GIR: Inside trigger GOR: Outside trigger



## Accessories

Model	Productivity kit Ordering No.	MultiFlex Ordering No.	Whip hose Ordering No.
LMS08 HR10	8202 0850 00	8202 1350 20	not necessary
LMS08 SR10	8202 0850 00	8202 1350 20	not necessary
LMS18 HR10	8202 0850 16	8202 1350 22	not necessary
LMS18 HR13	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 HR20	8202 0850 14	8202 1350 22	not necessary
LMS58 HR25	8202 0850 14	8202 1350 22	not necessary
LMS68 GIR25*	8202 0850 20	8202 1350 24	8202 1180 28
LMS68 GOR25*	8202 0850 20	8202 1350 24	8202 1180 28
LMS68 HR25*	8202 0850 20	8202 1350 24	8202 1180 28
LMS88 GIR38	8202 0850 20	8202 1350 24	8202 1180 28
LMS88 GOR38	8202 0850 20	8202 1350 24	8202 1180 28



## Sound and vibration levels

Model	Vibration 3 axes value according to ISO 28927-2		Sound levels 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	0,8	85	96
LMS08 SR10	5,6	2,4	85	96
LMS18 HR10	5,3	1,5	90	101
LMS18 HR13	5,3	1,5	90	101
LMS28 HR13	5,2	1,3	91	101
LMS38 HR13	3,5	1,5	88	99
LMS48 HR20	5	1,4	89	100
LMS58 HR20	5,5	1,6	92	103
LMS58 HR25	5,5	1,6	92	103
LMS68 GIR25*	8,1	2,8	98	109
LMS68 GOR25*	8,1	2,8	98	109
LMS68 HR25*	8,1	2,8	98	109
LMS88 GIR38	4,8	2	100	111
LMS88 GOR38	4,8	2	100	111