

LTP and LMP

Pneumatic nutrunner



With the Atlas Copco LMP/LTP61 range of twin-motor pistol grip nutrunners you get the highest possible torque and speed in relation to the weight of the tool. Fast, accurate and highly user-friendly, the tools are available in reversible versions for maximum flexibility.

Fast and accurate

In LTP/LMP61 tools the twin motor concept provides extremely fast rundown with good torque accuracy, even on soft joints.

Reversible for maximum flexibility

Being able to loosen fasteners without changing tools saves time and effort and raises productivity.

Operator friendly

Our pistol grip nutrunners are comfortable to operate. The reaction bar eliminates reaction forces and the exhaust through the handle arrangement keeps noise levels low.

With the Pistol Nutrunner LTP and LMP from Atlas Copco you get the highest possible torque and speed in relation to the weight of the tool. Fast, accurate and highly operator friendly, the tools are reversible for maximum flexibility. The rotary dial mounted on the tool allows the operator to select different torque levels without changing the tool. The LTP is ideal for situations where several different assembly operations take place, multi-stage tightening operations are required and several different torque settings are needed.



LTP Shut-off



Model	Bolt Size mm	Square Drive In	Torque Range At 6.3 Bar		Min Torque At 3 Bar		Free Speed R/Min	Weight *		Length mm	Cs Distance mm	Consumption At Free Speed		Inlet Thread In	Spline Type	Ordering No.
			Nm	ft lb	Nm	ft lb		kg	lb			l/s	cfm			
LTP61 H100-13	M12	1/2	55-100	40-75	45	35	1800	3	6.6	223	29	20	42	3/8	3	8431 0800 07
LTP61 H170-13	M14	1/2	95-170	70-125	70	50	1100	3	6.6	223	29	20	42	3/8	3	8431 0800 14
LTP61 H230-19	M16	3/4	125-230	90-170	85	60	820	3	6.6	223	29	20	42	3/8	3	8431 0800 21
LTP61 H350-20	M18	3/4	190-350	140-255	145	105	520	3.9	8.6	260	31	20	42	3/8	4	8431 0800 28
LTP61 H500-20	M20	3/4	275-500	200-370	220	160	360	3.9	8.6	260	31	20	42	3/8	4	8431 0800 35
LTP61 H700-25	M22	1	360-650	265-480	280	207	280	4.5	9.9	305	34	20	42	3/8	5	8431 0800 42
LTP61 H900-25	M24	1	480-870	350-640	300	220	210	4.5	9.9	282	32	20	42	3/8	5	8431 0800 49
LTP61 H1500-25	M30	1	850-1500	625-1100	700	516	115	6.8	14.5	323	42	20	42	3/8	9	8431 0800 56
Reversible																
LTP61 HR100-13	M12	1/2	55-100	40-75	45	35	1800	3	6.6	235	30	20	42	3/8	3	8431 0801 08
LTP61 HR170-13	M14	1/2	95-170	70-125	70	50	1100	3	6.6	238	30	20	42	3/8	3	8431 0801 15
LTP61 HR230-19	M16	3/4	125-230	90-170	85	60	820	3	6.6	275	34	20	42	3/8	3	8431 0801 22
LTP61 HR350-20	M18	3/4	190-350	140-255	145	105	520	3.9	8.6	275	34	20	42	3/8	4	8431 0801 29
LTP61 HR500-20	M20	3/4	275-500	200-370	220	160	360	3.9	8.6	275	34	20	42	3/8	4	8431 0801 36
LTP61 HR700-25	M22	1	360-650	265-480	280	207	280	4.5	9.9	305	34	20	42	3/8	5	8431 0801 43
LTP61 HR900-25	M24	1	480-870	350-640	300	220	210	4.5	9.9	305	34	20	42	3/8	5	8431 0801 50
LTP61 HR1500-25	M30	1	850-1500	625-1100	700	516	115	6.8	14.5	345	42	20	42	3/8	9	8431 0801 57
LTP61 HR1900-38	M30	1 1/2	1050-1900	770-1400	800	590	90	14.1	31	380	68	20	42	3/8	8	8431 0801 64

Model	Bolt Size mm	Square Drive In	Torque Range At 6.3 Bar		Min Torque At 3 Bar		Free Speed R/Min	Weight A		Length mm	Cs Distance mm	Consumption At Free Speed		Inlet Thread In	Spline Type	Ordering No.
			Nm	ft lb	Nm	ft lb		kg	lb			l/s	cfm			
LTP61 HR100-13-MT	M12	1/2	55-100	40-75	45	35	1800	3.3	7.3	288	30	20	42	3/8	3	8431 0806 02
LTP61 HR170-13-MT	M14	1/2	95-170	70-125	70	50	1100	3.3	7.3	288	30	20	42	3/8	3	8431 0806 09
LTP61 HR230-19-MT	M16	3/4	125-230	90-170	85	60	820	3.3	7.3	288	34	20	42	3/8	3	8431 0806 16
LTP61 HR350-20-MT	M18	3/4	190-350	140-255	145	105	520	4.2	9.2	325	34	20	42	3/8	4	8431 0806 23
LTP61 HR500-20-MT	M20	3/4	275-500	200-370	220	160	360	4.2	9.2	325	34	20	42	3/8	4	8431 0806 30
LTP61 HR700-25-MT	M22	1	360-650	265-480	280	207	280	4.8	10.6	355	34	20	42	3/8	5	8431 0806 37
LTP61 HR900-25-MT	M24	1	480-870	350-640	300	220	210	4.8	10.6	355	34	20	42	3/8	5	8431 0806 37
LTP61 HR1500-25-MT	M30	1	850-1500	625-1100	700	516	115	7.1	15.6	395	42	20	42	3/8	9	8431 0806 44
LTP61 PH100-13	M12	1/2	60-110	45-80	45	33	700	3	6.6	223	34	20	42	3/8	3	8431 0807 04
LTP61 PH170-13	M14	1/2	100-180	75-135	70	52	440	3	6.6	223	34	20	42	3/8	3	8431 0807 12
LTP61 PH230-19	M16	3/4	130-240	95-180	90	66	320	3	6.6	223	34	20	42	3/8	3	8431 0807 17
LTP61 PH350-20	M18	3/4	210-370	155-275	150	110	200	3.9	8.6	260	34	20	42	3/8	4	8431 0807 24
LTP61 PH500-20	M20	3/4	300-520	220-380	200	150	140	3.9	8.6	260	34	20	42	3/8	4	8431 0807 31
LTP61 PH700-25	M22	1	400-680	295-500	280	205	100	4.5	9.9	305	34	20	42	3/8	5	8431 0807 38
LTP61 PH900-25	M24	1	500-900	370-665	350	260	80	4.5	9.9	282	34	20	42	3/8	5	8431 0807 41
LTP61 PH1500-25	M30	1	900-1600	665-1180	650	480	45	6.8	14.9	323	42	20	42	3/8	9	8431 0807 52
Reversible																
LTP61 PHR700-25	M22	1	400-680	295-500	280	205	100	4.5	9.9	305	34	20	42	3/8	5	8431 0807 55
LTP61 PHR900-25	M24	1	500-900	370-665	350	260	80	4.5	9.9	305	34	20	42	3/8	5	8431 0807 62
LTP61 PHR1500-25	M30	1	900-1600	665-1180	650	480	45	6.8	14.9	345	42	20	42	3/8	9	8431 0807 68
Reversible with Multi Torque unit																
LTP61 PHR900-25-MT	M24	1	500-900	370-665	350	260	80	4.8	10.6	305	34	20	42	3/8	5	8431 0807 81

* Without reaction bar.
Recommended hose size: 13 mm.

NOTE: Change over torque is around 4% of maximum torque on a given air pressure.

LMP Non-shutoff



Model	Bolt Size mm	Square Drive in	Max Torque At 6.3 Bar		Min Torque At 3 Bar		Free Speed r/min	Weight*		Length mm	CS Dis- tance mm	Air Consumption at Free Speed		Air inlet thread in	Spline Type	Ordering No.
			Nm	ft lb	Nm	ft lb		kg	lb			l/s	cfm			
Non-reversible																
LMP61 H100-13	M12	1/2	100	75	60	45	2200	3.0	6.6	223	29	20	42	3/8	3	8431 0803 05
LMP61 H170-13	M14	1/2	170	125	100	75	1400	3.0	6.6	223	29	20	42	3/8	3	8431 0803 12
LMP61 H230-19	M16	3/4	230	170	130	95	1000	3.0	6.6	223	29	20	42	3/8	3	8431 0803 19
LMP61 H350-20	M18	3/4	350	260	200	145	650	3.9	8.6	260	31	20	42	3/8	4	8431 0803 26
LMP61 H500-20	M20	3/4	500	370	300	220	450	3.9	8.6	260	31	20	42	3/8	4	8431 0803 33
LMP61 H700-25	M22	1	700	520	400	295	350	4.5	9.9	305	34	20	42	3/8	5	8431 0803 40
LMP61 H900-25	M24	1	900	665	500	365	260	4.5	9.9	282	34	20	42	3/8	5	8431 0803 47
Reversible																
LMP61 HR100-13	M12	1/2	100	75	60	45	2200	3.0	6.6	235	30	20	42	3/8	3	8431 0804 04
LMP61 HR170-13	M14	1/2	170	125	100	75	1400	3.0	6.6	238	30	20	42	3/8	3	8431 0804 11
LMP61 HR230-19	M16	3/4	230	170	130	95	1000	3.0	6.6	275	34	20	42	3/8	3	8431 0804 18
LMP61 HR350-20	M18	3/4	350	260	200	145	650	3.9	8.6	275	34	20	42	3/8	4	8431 0804 25
LMP61 HR500-20	M20	3/4	500	370	300	220	450	3.9	8.6	320	35	21	42	3/8	4	8431 0804 32
LMP61 HR700-25	M22	1	700	520	400	295	350	4.5	9.9	305	34	20	42	3/8	5	8431 0804 39
LMP61 HR900-25	M24	1	900	665	500	365	260	4.5	9.9	305	34	20	42	3/8	5	8431 0804 46
LMP61 HR1500-25	M30	1	1600	1180	900	660	140	6.8	14.9	345	42	20	42	3/8	9	8431 0804 53

*Weight excluding reaction bar.
Recommended hose size 13 mm for hose length up to 5 m.

NOTE: Change over torque is around 4% of maximum torque on a given air pressure.

LMP and LTP Productivity kits

Model	Max air flow	Hose, 5 m	Coupling	Lubrication	Ordering No.
For small nutrunners with 3/8" BSP air inlet					
MIDI Optimizer F/RD EQ08-C10	16 l/s	Cablaire 10 mm	ErgoQIC 08	Yes	8202 0850 07
For small nutrunners with 1/4" BSP air inlet					
MIDI Optimizer F/RD EQ08-C10	16 l/s	Cablaire 10 mm	ErgoQIC 08	Yes	8202 0850 03
MIDI Optimizer F/RD EQ10-R10	16 l/s	Rubair 10 mm	ErgoQIC 10	Yes	8202 0850 16
For nutrunners with 3/8" BSP air inlet					
MIDI Optimizer F/RD EQ10-C13	23 l/s	Cablaire 13 mm	ErgoQIC 10	Yes	8202 0850 02
For nutrunners with 1/4" BSP air inlet					
MIDI Optimizer F/RD EQ10-C13-1/4	23 l/s	Cablaire 13 mm	ErgoQIC 10	Yes	8202 0850 11
For nutrunners with 3/8" BSP air inlet					
MIDI Optimizer F/RD EQ10-T13	35 l/s	Turbo 13 mm	ErgoQIC 10	Yes	8202 0850 17
For nutrunners with 1/2" BSP air inlet					
MIDI Optimizer F/R EQ10-T13	35 l/s	Turbo 13 mm	ErgoQIC 10	No	8202 0850 04
MIDI Optimizer F/RD EQ10-T13	35 l/s	Turbo 13 mm	ErgoQIC 10	Yes	8202 0850 13

LMP and LTP Accessories

For LMP/LTP61

Model	Ordering No.
Hose nipple	9000 0242 00
Exhaust hose	4210 2201 00
Protective cover	
Standard LTP61	4210 4672 00
LTP 61 with MT unit	4210 4672 01
Multi torque selector LTP61	4210 4636 95
Quick change retainer	
– 1/2" square models	4250 1190 00
– 3/4" square models	4210 3476 80
– 1" square models	4210 3524 80
Shut-off override for LTP61	4210 3545 80
Swivelling type MultiFlex connector 3/8" (BSP)	8202 1350 22
Swivelling type MultiFlex connector 3/8" (NPT)	8202 1350 28



Multi torque selector LTP61



Protective cover

Swivelling suspension yoke LMP/LTP61

Model	Ordering No.
Mounting dia Ø 54 mm	
PH/H 100-13	4210 3088 80
PH/H 170-13	
PH/H 230-19	
PH/H 350-20	
PH/H 500-20	
PH/H 700-25	
PH/H 900-25	
Mounting dia Ø 60 mm	
HR 100-13	4210 3088 84
HR 170-13	
HR 230-19	

Model	Ordering No.
Mounting dia Ø 63.5 mm	
H 1900-38	4210 3088 83
H 2800-38	
H 3800-38	
Mounting dia Ø 67 mm	
HR 350-20	4210 3088 82
HR 500-20	
PHR/HR 700-25	
PHR/HR 900-25	
HR 1900-38	4210 3088 85
HR 2800-38	
HR 3800-38	

Model	Ordering No.
Mounting dia Ø 83.5 mm	
PH/H 1500-25	4210 3088 81
PHR/HR 1500-25	

LMP and LTP Reaction arms

Spline Diameter mm	L/W/H	CC Distance mm	Ordering No.
Steel bar			
Spline 1	268/36/18		4210 1798 01
Spline 2	270/35/10		4220 1903 00
Spline 3	400/56/12		4210 2219 80
Spline 4	500/62/15		4210 2183 80
Spline 5	500/62/15		4210 2726 80
Spline 6	560/80/15		4220 1200 01
Spline 7	500/100/20		4210 3899 02
Spline 8	500/150/20		4210 3899 03
Spline 9	500/85/20		4210 3899 80
Ø 26 mm	270/34/8		4220 3491 00
Square steel bracket			
Spline 3	100/50/12		4210 2219 03
Spline 4	125/65/16		4210 2183 01
Spline 5	125/65/16		4210 2726 01
Spline 6	200/100/15		4220 1200 00
Spline 7	250/150/20		4220 1445 00
Spline 8	250/160/20		4220 1972 91
Spline 9	150/85/20		4210 3899 01
Ø 24 mm	100/60/8		4220 1029 00
Ø 26 mm	100/60/8		4220 1029 02
Ø 28 mm	100/60/8		4220 1029 01
Triangular steel bracket			
Spline 2	73/72/14		4220 2137 02
Spline 3	82/80/15		4220 2137 03
Spline 6	112/109/15		4220 2137 06
Spline 6	150/145/20		4220 2137 16
S-Type reaction bar			
Spline 3	110/18/12		4210 4480 03
Spline 4	120/22/15		4210 4480 04
Spline 5	130/25/15		4210 4480 05
Spline 6	125/25/15		4210 4480 06
Spline 7	170/40/20		4210 4480 07
Spline 8	200/65/20		4210 4480 08
Spline 9	160/40/20		4210 4480 09
L-Type aluminum bar			
Spline 3	266x300/29/15		4210 2219 08
Spline 4	144x150/42/15		4210 2183 08
Bracket stepped			
Spline 1	70/36/13		4210 1798 02
Spline 2	70/41/14		4210 2134 02
Straight aluminum bar			
Spline 3	L = 400		4210 2219 01



Steel bar



Square steel bracket



Triangular steel bracket



Sliding drive reaction bar



S-Type reaction bar



L-Type aluminum bar



Straight aluminum bar



Extended sliding drive reaction bar



Extended sliding tube reaction bar



Bracket stepped

Airline Accessories

Ensure that your tools achieve their full potential

To ensure that you benefit from the full potential power from your tools, Atlas Copco has developed a full range of air line accessories for use with Atlas Copco tools and air motors. All accessories can be used for other applications and pneumatic equipment.

Air preparation units



Quick Couplings



Swivel connectors



Hose reels



Balancers



Air net - quality piping solution



For more info about Airline Accessories please see Atlas Copco main catalogue or contact Atlas Copco local sales representative.

Hose Reels



HM Flex I



HM Light



HM Open XL

Model	Hose length mm	Hose type	Hose inside diameter		Connection inlet hose inside dia (cut of hose) mm	Connection distribution hose BSP	Economical air flow (at 0.2 bar pressure drop) l/s	Max air flow capacity (at 0.5 bar pressure drop) l/s	Weight kg	Ordering No.
HM Light 8-8	8	PVC/PUR	8	5/16	10	1/4	4	7	3	8202 1183 30
HM Light 8-12	12	PVC/PUR	8	5/16	10	1/4	3	5	5	8202 1183 31
HM Light 10-10	10	PVC/PUR	10	3/8	10	3/8	6	10	5	8202 1183 32
HM Open 10-15	15	Rubber	10	3/8	12.5	3/8	5	9	11	8202 1183 33
HM Open 10-20	20	Rubber	10	3/8	12.5	3/8	5	7	14	8202 1183 34
HM Open 12-10	10	Rubber	12.5	1/2	12.5	1/2	13	22	12	8202 1183 35
HM Open 12-15	10	Rubber	12.5	1/2	12.5	1/2	11	17	13	8202 1183 36
HM Open XL 12-20	20	Rubber	12.5	1/2	12.5	1/2	8	14	27	8202 1183 37
HM Open XL 12-20	30	Rubber	12.5	1/2	12.5	1/2	8	12	28	8202 1183 38
HM Open XL 19-15	15	Rubber	19	3/4	19	3/4	27	44	28	8202 1183 39
HM Open XL 25-10	10	Rubber	25	1	25	1	60	95	30	8202 1183 40

Model	Hose length mm	Hose type	Hose inside dia		Connection inlet BSP male	Connection distribution hose BSP male	Air flow l/s	Weight kg	Ordering No.
HM Flex L	10	Rubber	12,5	1/2	1/2	1/2	22	16	8202 1181 56

Max working pressure 15 bar on all models.

Pivoting brackets for HM OPEN and HM OPEN XL models needs to be ordered separately



HM Open

Blow guns BG-series

Model	Version	Working pressure bar	Air flow l/s	Weight		Air inlet thread BSP	Ordering No.
BG 2603-HF	Long tube, high flow	6.3	7.5	0.13	0.29	1/4	8202 1006 04
BG 2604-SHF	Short tube	6.3	4.3	0.12	0.26	1/4	8202 1006 05
BG 2605-STSS	Short tube, star tip	6.3	6.6	0.12	0.26	1/4	8202 1006 06
BG 2606-ST5	Long tube, star tip, silencer	6.3	6.3	0.14	0.31	1/4	8202 1006 07



Impact Wrenches



LMS58 HR25



LMS18 HR13



LMS38 HR13

LMS pistol grip impact wrenches have a wide operating range. Equipped with an advanced impact mechanism, LMS will give you powerful tightening and disassembly with negligible reaction force.

The high capacity-to-weight ratio and state-of-the-art impact mechanism also help to minimize operator strain and vibration.

The tools have a Grease Retaining System ensuring optimum tool performance with long service intervals.



LMS68 GIR25

LMS straight versions offer superior performance with a maximum torque of 10,000 reaction-free Nm.

The high capacity-to-weight ratio and advanced impact mechanism also help to minimize operator strain and vibration.

The tools have a Grease Retaining System ensuring optimum tool performance with long service intervals.



LMS08 SR10

Model	Bolt size mm	Square drive size in	Torque range Nm	Max torque Nm	Free speed r/min	Weight kg	Length excl anvil mm	Air consumption l/s	Rec. hose size mm	Air inlet thread BSP	Retainer			Ordering No.
											Pin	Ring	T. hole	
LMS08 HR10	M6-8	3/8"	7-45	65	14000	0.90	185	2.5	6.3	1/4"	-	-	-	8434 1080 00
LMS08 HR42	M6-8	1/4"	7-35	60	14000	0.9	186	2.5	6.3	1/4"	-	-	-	8434 1080 05
LMS18 HR13	M10	1/2"	10-110	150	8100	1.45	144	8.5	10	1/4"	-	-	-	8434 1180 00
LMS18 HR10	M10	3/8"	10-90	120	8100	1.45	148	6.5	10	1/4"	-	-	-	8434 1180 01
LMS18 HR13/F	M10	1/2"	10-110	150	8100	1.45	144	8.5	10	1/4"	-	-	-	8434 1180 02
LMS18 HR10/F	M10	3/8"	10-90	120	8100	1.45	148	6.5	10	1/4"	-	-	-	8434 1180 03
LMS28 HR13	M12	1/2"	30-210	390	9500	1.85	146	8.5	10	3/8"	-	-	-	8434 1280 00
LMS28 HR13/F	M12	1/2"	30-210	390	9500	1.85	146	8.5	10	3/8"	-	-	-	8434 1280 01
LMS38 HR13	M14-16	1/2"	40-375	850	8000	2.6	167	10	10	3/8"	-	-	-	8434 1380 00
LMS38 HR13/F	M14-16	1/2"	40-375	850	8000	2.6	167	10	10	3/8"	-	-	-	8434 1380 01
LMS48 HR20	M16-18	3/4"	100-550	1375	6500	3.3	173	12	12.5	3/8"	-	-	-	8434 1480 00
LMS58 HR25	M20-22	1"	300-800	1900	5500	4.8	210	14.5	12.5	3/8"	-	-	-	8434 1580 00
LMS58 HR20	M18-20	3/4"	300-800	1900	5500	4.8	210	14.5	12.5	3/8"	-	-	-	8434 1580 01
LMS68 HR25	M22-30	1"	600-1800	4450	5000	9.8	252	28	16	1/2"	-	-	-	8434 1680 01

^a Female hex quick change chuck Torque measured from Skidmore with fixed sensors

Model	Bolt size mm	Square drive size in	Torque range Nm	Max torque Nm	Free speed r/min	Weight kg	Length excl anvil mm	Air consumption l/s	Rec. hose size mm	Air inlet	Retainer			Ordering No.
											Pin	Ring	Through hole	
LMS08 SR42	M22-30	1/4"	7-35	60	12500	0.85	185	5.5	6.3	1/4"	-	-	-	8434 1081 06
LMS08 SR10	M22-30	3/8"	7-45	65	12500	0.85	184	5.5	6.3	1/4"	-	-	-	8434 1081 11
LMS68 GIR25	M22-30	1"	600-1800	4450	5000	9.6	339	28	16	1/2"	-	-	-	8434 1680 00
LMS68 GOR25	M22-30	1"	600-1800	4450	5000	9.6	339	28	16	1/2"	-	-	-	8434 1680 02
LMS88 GIR38	M30-42	1 1/2"	1000-5500	10000	3800	15.0	381	33	16	1/2"	-	-	-	8434 1880 00
LMS88 GOR38	M30-42	1 1/2"	1000-5500	10000	3800	15.0	381	33	16	1/2"	-	-	-	8434 1880 01

^a Female hex, quick change chuck.
GOR = Outside trigger.

GIR = Inside trigger.
Torque measured from Skidmore with fixed sensors

Accessories

Suspension yoke	Ordering No.
LMS18-58	4250 0872 90
LMS68 GIR25/GOR25/HR25	4250 0677 81
LMS88 GIR38/GOR38	0371 1102 00

Service Kits

	Ordering No.
LMS08	4081 0465 90
LMS18	4081 0466 90
LMS28	4081 0467 90
LMS38	4081 0468 90
LMS48	4081 0461 90
LMS58	4081 0445 90
LMS68	4081 0442 90
LMS88	4081 0443 90