

Atlas Copco screwdrivers

Our know-how in your hands



Atlas Copco

Your needs drive us

Product development at Atlas Copco is guided by the true experts – you, the people who use our assembly tools every day. Based on your input, we upgraded our successful screwdriver concept, focusing on...

Productivity



Quality



Ergonomics



The result is a range of screwdrivers that achieves our main goals as a tool supplier: to help you raise productivity and cut operating costs.

Atlas Copco pneumatic screwdrivers add value to your business

You need high quality tightening for every screw! Demands on end-product quality get tougher every day. To stay ahead you must meet and surpass these demands.

Speed and accuracy

To raise productivity, you need to speed up the work flow in your assembly operation. So, you want a fast tool. But you also need accuracy, because getting it "right first time" saves time and cuts operating costs.

Ergonomic design

You need a tool that is light, powerful and comfortable to hold. Minimizing operator fatigue is an excellent way to raise individual productivity.

Tool flexibility

Shorter product life cycles mean shorter production series. You need the flexibility to use the same tool in different assembly line configurations and, thus, reduce your tool investment costs.

Low life-cycle cost

Using a tool with low service and maintenance costs, one that goes on working for many years, is an effective way to cut total costs in your assembly operation.



Choose the best – it's a productive investment

To optimize the productivity of your small-screw assembly operation you need the best tools on the market. Atlas Copco's screwdrivers offer speed, accuracy, flexibility, and the latest ergonomic designs. They will raise your productivity and reduce your operating costs. In our range we have the right tool for your application!

Highest standards

With demands on end-product quality getting tougher every day, you need the best and most durable tools available. The well proven shut-off clutch design in Atlas Copco screwdrivers ensures fastening torque accuracy and repeatability.

These tools will give you a higher quality end-product and eliminate expensive errors in the assembly process. Add a shorter process time than with other types of clutches and you get higher productivity and a more cost efficient process.

Speed and accuracy

A smooth, rapid work flow is essential to high productivity. Each tightening must be performed quickly and accurately the first time – and that is precisely what our screwdrivers do. In the new LUM22 range we have increased the speed and expanded the torque range, while maintaining our high demands on accuracy and torque repeatability. The light weight LUM12 series is very fast in relation to its size and weight.

Multiple air inlets mean maximum flexibility

In response to customer demands for more flexible tools, Atlas Copco offers a unique installation solution.

The LUM12 HRF pistol grip tool has three air inlets. They are located on the top of the tool, on the base of the handle and at the back. Since the tool can be used for most applications in small-screw assembly operations, this gives maximum flexibility in production.

It also saves you money since you will always have the right tool for the application.

High power-to-weight ratios

Minimising operator fatigue is a sure way of boosting individual productivity. Therefore, in our tool design, we constantly focus on tool weight and size. As a result, our screwdrivers are light and compact in relation to their torque and speed.

Atlas Copco screwdrivers raise individual productivity and reduce operator fatigue.





We have the screwdriver for your application The most important factor is choosing the right tool. Our screwdriver range is very versatile and designed to suit all applications in small-screw assembly.

Pistol grip tools Ideal for horizontal work and applications involving higher reaction forces. Available in two sizes, 12 and 22, with balanced grip, HRX, or pistol grip, HR. Designed with ergonomic soft grip for maximum comfort.



LUM 12 HRX



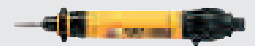
LUM 22 HR

Pistol grip tools with multiple air inlets For maximum flexibility in production. With the LUM12 HRF you always have the tool you need, in any pistol application. Designed with new ergonomic soft grip for maximum comfort.



LUM 12 HRF

Straight tools Perfect for vertical work, with a grip diameter dimensioned for comfort. Available in four sizes, 10, 12, 21 and 22. Designed with new ergonomic soft grip for maximum comfort.



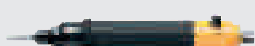
LUM 10



LUM 21



LUM 12/22 SR



LUM 12/22 PR

Angle head tools Unbeatable accessibility in cramped spaces. Designed with ergonomic soft grip for maximum comfort.



LTV 009



Right first time!

Your assembly process must be as fast and as cost-effective as possible, yet you are also striving to achieve the highest product quality. Tightening errors must be eliminated. This makes major demands on the tools you choose.

Due to a well-proven clutch design, Atlas Copco's screwdrivers meet the highest standards of accuracy and durability.

Eliminate errors with RE

The accuracy of our screwdrivers together with RE, reporting signal, enables you to identify and rectify errors immediately, or eliminate them altogether. This way you avoid unnecessary costs.

No more forgotten screws

Missed screws cost you money. If they are not added further down the line, the fault can continue to the end-customer, where it can affect product quality and damage your company's reputation.

This risk and related costs can be eliminated by connecting

an LUM screwdriver with reporting signal, RE, to an RE-controller. The operator is then alerted if an error occurs, so that it can be rectified immediately, before problems arise.

LUM screwdrivers with RE and an RE-controller, offer you reliable, cost-effective process control.

The system will:

- Count screws
- Count batches
- Detect premature shut-offs
- Detect re-hits
- Control the line



With quality assured

Quality Assurance in Tightening (QAT) compatibility



Use the ACTA 3000 torque and angle analyzer to calibrate your tools according to ISO 9000. It

automatically tells you which tools need calibrating and when. It also provides additional joint analysis to improve your end-product.

ESD approved

ESD, Electrostatic Discharge, is recognized as a major cause of damage to electronic devices during assembly. In response to demand from our customers, most of Atlas Copco



screwdrivers are approved against electrostatic discharges. This is your guarantee against damage to sensitive electronic components caused by ESDs from the tools in your plant.

All straight and angle screwdrivers are ESD approved. All pistols in the 12 and 22 range can be made ESD approved with an accessory handle.



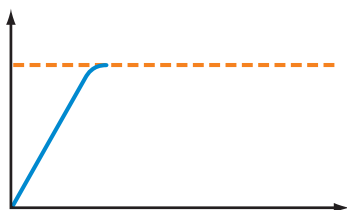
Right torque control – right quality

The most important criteria for correct tightening is torque accuracy. Select the screwdriver with the torque control to match your specifications.

Atlas Copco screwdrivers are equipped with three different types of torque control:

- LUM/LTV – Shut-off clutch
- TWIST – Slip clutch
- LUD – Direct drive

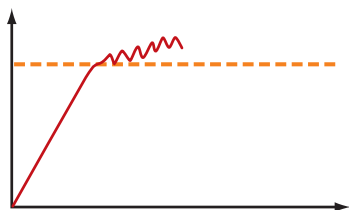
LUM/LTV shut-off – the clutch for highest accuracy



The clutch shuts off independently of the operator or the joint stiffness. This ensures the

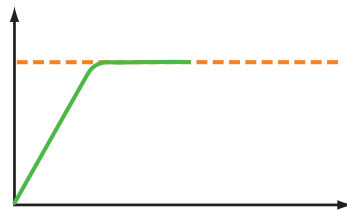
highest torque accuracy, particularly for machine screws, thread rolling screws and thread forming screws for plastic.

TWIST/LUF HR slip clutch – when joint characteristics vary



An excellent general purpose clutch with operator control. The best choice for wood screws or self-tapping screws, and when the torque requirement is not consistent.

LUD/LUF HRD direct drive – power in a small package



The best choice for wood screws, self-tapping and self-drilling screws where operator control is preferred. The screwdriver runs until the trigger is released, or until the tool reaches its maximum torque.

Quality

Good ergonomics is good economics

Atlas Copco's leadership in ergonomics is clearly reflected in the design of our screwdrivers. Ergonomically designed power tools and workstations raise the profitability of your assembly operation. They speed up assembly and reduce operator fatigue, thereby increasing individual operator productivity.

Are your screwdrivers ergonomically designed?

Light weight

Working on an assembly line involves repeating the same action hundreds of times per day. Therefore the weight of the tool is crucial to the well-being of the operator and the speed at which he or she works. Choosing light weight Atlas Copco pneumatic screwdrivers will speed up your entire operation.



New, ergonomic soft grip

The soft grip on all new models dramatically improves operator comfort by making the tool much more ergonomic. No more cold or slippery handles.

Low noise level

An ergonomic design is a low-noise. Low noise levels reduce operator fatigue and save you money in the long run.

Always correct installation

The LUM12 HRF tool with air inlets from three directions ensures that the installation of the tool will always be optimal

for the application, thus making the job easier for the operator and reducing fatigue.

HR pistol handle

The best choice for high torque



pistol applications, together with a support handle, or when high feed force needs to be applied. Ergonomic wings make the high grip comfortable to use for feed force applications.

HRX balanced handle

A balanced handle for optimal operator comfort in pistol tool applications.

Ergopush

An ergonomic grip for assembly applications where axial force is needed. Ergopush will

be a standard feature on all new straight screwdrivers.

Adjustable exhaust air

This feature ensures that the stream of cold air expelled by the tool can always be directed away from the operator.

Soft trigger

The pressure required to start the screwdriver is minimized to reduce strain on the operator.

Lubrication free

All screwdrivers are lubrication free, ensuring a clean operating environment, saving installation costs and allowing faster set-up.

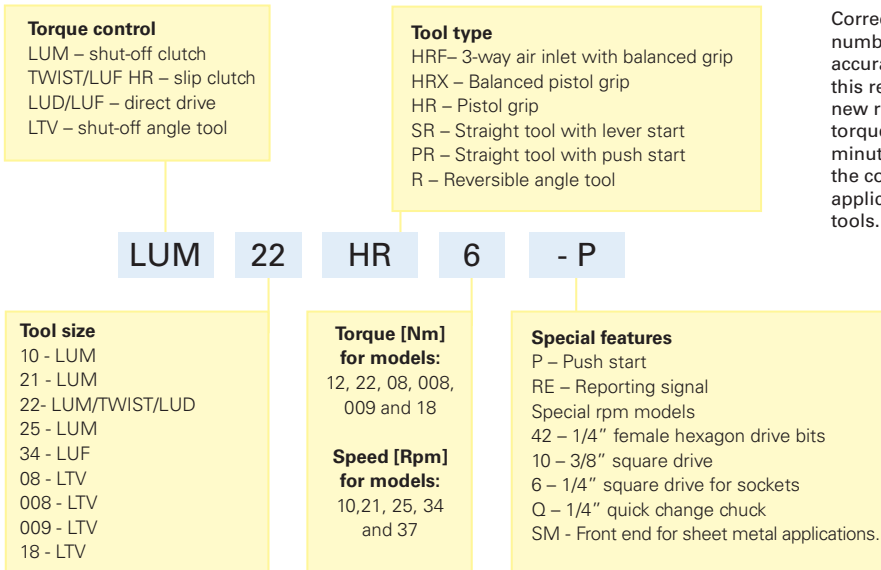


One-hand reverse

Simple one-handed reverse button for fast operation.



Tool codes for our screwdrivers



Correct tightening depends on a number of criteria of which torque accuracy is the most important. For this reason, the naming codes of our new range of screwdrivers specify torque instead of revolutions per minute. Thus, it is now simple to find the correct screwdriver for a specific application from our wide range of tools.

Pistol grip shut-off models

Model	Torque range Soft joint		Free speed r/min	Air consumption at free speed		Sound level dB(A)	Weight		Length mm	Air inlet thread in	Distance centre to side mm	Ordering No.
	Nm	in lb		l/s	cfm		kg	lb				
Pistol grip models with trigger start												
LUM22 HR3	0.6 - 3	5.3 - 26.5	2200	7.5	16	73	0.85	1.9	186	1/4	18	8431 0269 00
LUM22 HR3-RE	0.6 - 3	5.3 - 26.5	2200	7.5	16	73	0.85	1.9	186	1/4	18	8431 0278 63
LUM22 HR4	0.6 - 4	5.3 - 35.4	1650	7.5	16	73	0.85	1.9	186	1/4	18	8431 0269 02*
LUM22 HR4-RE	0.6 - 4	5.3 - 35.4	1650	7.5	16	73	0.85	1.9	186	1/4	18	8431 0278 65
LUM22 HR6	1.5 - 6.5	13.3 - 57.5	1150	7.5	16	73	0.85	1.9	186	1/4	18	8431 0269 01
LUM22 HR6-RE	1.5 - 6.5	13.3 - 57.5	1150	7.5	16	73	0.85	1.9	186	1/4	18	8431 0278 64*
LUM22 HR10	3.5 - 10	31 - 88.5	750	7.5	16	74	1	2.2	218	1/4	18	8431 0269 03
LUM22 HR10-RE	3.5 - 10	31 - 88.5	750	7.5	16	74	1	2.2	218	1/4	18	8431 0278 66
LUM22 HR12	3.5 - 12.5	31 - 110.6	500	7.5	16	73	1	2.2	210	1/4	18	8431 0269 04*
LUM22 HR12-370	3.5 - 12.5	31 - 110.6	370	7.5	16	73	1	2.2	210	1/4	18	8431 0269 05
LUM22 HR12-RE	3.5 - 12.5	31 - 110.6	500	7.5	16	73	1	2.2	210	1/4	18	8431 0278 67
Pistol grip models with trigger and push start												
LUM22 HR3-P	0.6 - 3	5.3 - 26.5	2200	7.5	16	74	0.85	1.9	186	1/4	21	8431 0269 06
LUM22 HR4-P	0.6 - 4	5.3 - 35.4	1650	7.5	16	74	0.85	1.9	186	1/4	21	8431 0269 08*
LUM22 HR6-P	1.5 - 6.5	13.3 - 57.5	1150	7.5	16	74	0.85	1.9	186	1/4	21	8431 0269 07*
LUM22 HR10-P	3.5 - 10	31 - 88.5	750	7.5	16	74	1	2.2	218	1/4	21	8431 0269 09
LUM22 HR12-P	3.5 - 12.5	31 - 110.6	500	7.5	16	74	1	2.2	210	1/4	21	8431 0269 10*
LUM22 HR12-370-P	3.5 - 12.5	31 - 110.6	370	7.5	16	74	1	2.2	210	1/4	21	8431 0269 11

Continued . . .

Model	Torque range Soft joint		Air consumption at				Weight		Length mm	Air inlet thread in	Dis- tance centre to side mm	Ordering No.
			Free speed r/min	free speed		Sound level dB(A)						
	Nm	in lb		l/s	cfm							
Balanced pistol grip models with trigger start												
LUM12 HRX1	0.6 - 1.8	5.3 - 15.9	2300	6	13	73	0.65	1.4	176	1/8	15	8431 0278 58
LUM12 HRX1-RE	0.6 - 1.8	5.3 - 15.9	2300	6	13	73	0.65	1.4	176	1/8	16	8431 0278 59
LUM12 HRX2	0.6 - 2.5	5.3 - 22.1	1650	6	13	73	0.65	1.4	176	1/8	16	8431 0278 56
LUM12 HRX2-RE	0.6 - 2.5	5.3 - 22.1	1650	6	13	73	0.65	1.4	176	1/8	16	8431 0278 57
LUM12 HRX3	0.4 - 3.5	5.3 - 31.9	1150	6	13	73	0.7	1.5	186	1/8	16	8431 0278 54*
LUM12 HRX3-RE	0.4 - 3.5	5.3 - 31.9	1150	6	13	73	0.7	1.5	186	1/8	16	8431 0278 55
LUM12 HRX5	0.4 - 5	3.5 - 44.2	850	6	13	73	0.7	1.5	186	1/8	16	8431 0278 51*
LUM12 HRX5-RE	0.4 - 5	3.5 - 44.2	850	6	13	73	0.7	1.5	186	1/8	16	8431 0278 53
LUM12 HRX5-170	0.4 - 5	3.5 - 44.2	170	6	13	73	0.7	1.5	196	1/8	16	8431 0278 47
LUM12 HRX5-350	0.4 - 5	3.5 - 44.2	350	6	13	73	0.7	1.5	186	1/8	16	8431 0278 48
LUM12 HRX5-350-RE	0.4 - 5	3.5 - 44.2	350	6	13	73	0.7	1.5	186	1/8	16	8431 0278 49
LUM12 HRX8	1.5 - 8	13.3 - 70.8	500	6	13	73	0.7	1.5	186	1/8	16	8431 0278 60*
LUM12 HRX8-RE	1.5 - 8	13.3 - 70.8	500	6	13	73	0.7	1.5	186	1/8	16	8431 0278 61
LUM12 HRX8-50	1.5 - 8	13.3 - 70.8	50	6	13	73	0.7	1.5	196	1/8	16	8431 0280 25
LUM12 HRX8-110	1.5 - 8	13.3 - 70.8	110	6	13	73	0.7	1.5	196	1/8	16	8431 0280 27
Multiple air inlet models (12) and air-on-top models (25) with trigger start												
LUM22 HRX2	1.2 - 2 ^a	10.6 - 17.7	4500	9	19	74	0.9	2	187	1/4	18	8431 0269 29
LUM22 HRX2-3200	1.1 - 2.6 ^a	9.7 - 23	3200	9	19	74	0.9	2	187	1/4	18	8431 0278 85
LUM22 HRX3	0.6 - 3 ^a	5.3 - 26.5	2250	9	19	74	0.9	2	187	1/4	18	8431 0269 22
LUM22 HRX3-RE	0.6 - 3 ^a	5.3 - 26.5	2250	9	19	74	0.9	2	187	1/4	18	8431 0278 70
LUM22 HRX4	0.6 - 4 ^a	5.3 - 35.4	1650	9	19	74	0.9	2	187	1/4	18	8431 0269 20*
LUM22 HRX6	1.5 - 6.5 ^a	13.3 - 57.5	1100	9	19	74	0.95	2.1	197	1/4	18	8431 0269 21*
LUM22 HRX6-RE	1.5 - 6.5 ^a	13.3 - 57.5	1100	9	19	74	0.95	2.1	197	1/4	18	8431 0278 71
LUM22 HRX10	3.5 - 10 ^a	31 - 88.5	800	9	19	74	1.1	2.4	219	1/4	18	8431 0278 33*
LUM22 HRX10-RE	3.5 - 10 ^a	31 - 88.5	800	9	19	74	1.1	2.4	219	1/4	18	8431 0278 73
LUM22 HRX11-220	3.5 12.5 ^a	31 110.6	220	9	19	74	1.15	2.5	229	1/4	18	8431 0282 20
LUM22 HRX12	3.5 -12.5 ^a	31 -110.6	500	9	19	74	1.1	2.4	211	1/4	18	8431 0269 24*
LUM22 HRX12-RE	3.5 -12.5 ^a	31 -110.6	500	9	19	74	1.1	2.4	211	1/4	18	8431 0278 74
LUM22 HRX12-50	3.5 12.5 ^a	31 110.6	50	9	19	74	1.15	2.5	229	1/4	18	8431 0280 26
LUM22 HRX12-120	3.5 12.5 ^a	31 110.6	120	9	19	74	1.15	2.5	229	1/4	18	8431 0280 28
LUM22 HRX12-370	3.5 -12.5 ^a	31 -110.6	370	9	19	74	1.1	2.4	211	1/4	18	8431 0269 25
LUM22 HRX12-370-RE	3.5 -12.5 ^a	31 -110.6	370	9	19	74	1.1	2.4	211	1/4	18	8431 0278 75
Pistol grip models for sheet metal applications												
LUM22 HR4-SM	0.5 - 4.5	4.4 - 40	800	7.5	16	73	0.85	1.9	186	1/4	18	8431 0267 52*
LUM22 HR12-SM	3.5 - 12.5	31 - 110.6	500	7.5	16	73	1.0	2.2	210	1/4	18	8431 0249 52*

^a 1.4-4 Nm with spring, Ordering No. 4210 1831 00.

Recommended hose size mm:
LUM10/12/21 = 6, LUM22/25 = 8, LUM22 HR/HRX10 = 10

All models: Are reversible and have quick change chuck.

All data at an air pressure of 6.3 bar.

For operator comfort support handle recommended for high torque, see Optional Accessories.

* Basic tools of the range, cover most needs.





Straight shut-off models

Model	Torque range Soft joint		Free speed r/min	Air con- sumption at free speed		Sound level dB(A)	Weight		Length mm	Air inlet thread in	Distance centre to side mm	Ordering No.
	Nm	in lb		l/s	cfm		kg	lb				
Straight models with push start and button reverse												
LUM10 PR03	0.1 - 1.5	0.8- 13	300	3	6	66	0.4	0.9	206	1/8	15	8431 0146 05*
LUM10 PR05	0.1 - 1.5	0.8- 13	460	3	6	66	0.4	0.9	206	1/8	15	8431 0146 09*
LUM10 PR12	0.1 - 1.1	0.8- 10	1200	3	6	66	0.4	0.9	196	1/8	15	8431 0146 17*
LUM10 PR21	0.1 - 0.7	0.8- 6	2000	3	6	67	0.4	0.9	196	1/8	15	8431 0146 25
LUM12 PR1	0.6 - 1.6	5.3- 14.2	1900	4.5	10	76	0.55	1.2	195	1/8	15	8431 0278 29
LUM12 PR2	0.4 - 2.3	3.5- 20.4	1450	4.5	10	76	0.55	1.2	195	1/8	15	8431 0278 27*
LUM12 PR3	0.4 - 3.2	3.5- 28.3	1000	4.5	10	76	0.55	1.2	195	1/8	15	8431 0278 26*
LUM12 PR4	0.4 - 4.2	3.5- 37.2	750	4.5	10	76	0.55	1.2	195	1/8	15	8431 0278 25
LUM12 PR5	0.4 - 5	3.5- 44.2	450	4.5	10	76	0.55	1.2	195	1/8	15	8431 0278 30
LUM21 PR04-P	0.5 - 4.5	4.4- 40	320	4	8	70	0.7	1.5	239	1/8	18	8431 0277 02
LUM21 PR07-P	0.5 - 4.5	4.4- 40	700	4	8	70	0.7	1.5	239	1/8	18	8431 0277 00*
LUM21 PR10-P	0.5 - 3.2	4.4- 30	1000	4	8	71	0.7	1.5	239	1/8	18	8431 0277 08*
LUM21 PR14-P	0.5 - 2.4	4.4- 21	1400	4	8	71	0.7	1.5	239	1/8	18	8431 0277 14*
LUM21 PR23-P	0.5 - 1.5	4.4- 13	2200	4	8	69	0.7	1.5	239	1/8	18	8431 0277 20
LUM22 PR2-3500	1.1 - 2.5	9.7 - 22.1	3500	7	15	73	0.75	1.7	211	1/4	15	8431 0278 89
LUM22 PR3	0.6 - 3.2	5.3- 28.3	2100	7	15	73	0.75	1.7	211	1/4	15	8431 0269 61
LUM22 PR4	0.5 - 4.0	4.4- 35.4	1600	7	15	73	0.75	1.7	211	1/4	15	8431 0269 55
LUM22 PR4-2300	0.7 - 4.5	5.9- 38.2	2300	7	15	73	0.75	1.7	211	1/4	15	8431 0278 81
LUM22 PR5-350	0.4 - 5.0	3.5- 44.2	350	7	15	73	0.75	1.7	211	1/4	15	8431 0269 60
LUM22 PR6	1.5 - 6.0	13.3- 53.1	1000	7	15	73	0.75	1.7	211	1/4	15	8431 0269 56*
LUM22 PR8-1100	1.5 - 8.0	13.3 - 70.8	1100	7	15	73	0.9	2.0	224	1/4	15	8431 0278 88
LUM22 PR10	3.5 - 10.0	31- 88.5	700	7	15	76	0.95	2.1	232	1/4	15	8431 0269 58
LUM22 PR12	3.5 - 12.5	31-110.6	450	7	15	73	0.9	2.0	224	1/4	15	8431 0269 57*
LUM22 PR12-350	3.5 - 12.5	31-110.6	350	7	15	73	0.95	2.1	224	1/4	15	8431 0269 59
LUM22 PR12-850	3.5 - 12.0	31-106.2	850	8.5	15	73	1	2.2	246	1/4	15	8431 0278 80
Straight models with lever start and without push start												
LUM12 SR1	0.6 - 1.8	5.3- 15.9	2200	6	13	76	0.6	1.3	217	1/8	15	8431 0278 35
LUM12 SR2	0.5 - 2.5	4.4- 22.1	1700	6	13	76	0.6	1.3	217	1/8	15	8431 0278 34*
LUM12 SR3	0.4 - 3.5	3.5- 31	1200	6	13	76	0.6	1.3	217	1/8	15	8431 0278 33*
LUM12 SR4	0.4 - 4.5	3.5- 39.8	850	6	13	76	0.6	1.3	217	1/8	15	8431 0278 32
LUM21 SR04-U	0.5 - 4.5	4.4- 40	320	4	8	70	0.7	1.5	240	1/8	18	8431 0277 22
LUM21 SR07-U	0.5 - 4.5	4.4- 40	700	4	8	70	0.7	1.5	240	1/8	18	8431 0277 24*
LUM21 SR07-U-RE	0.5 - 4.5	4.4- 40	700	4	8	70	0.7	1.5	240	1/8	18	8431 0264 70
LUM21 SR10-U	0.5 - 3.2	4.4- 30	1000	4	8	71	0.7	1.5	240	1/8	18	8431 0277 28*
LUM21 SR10-U-RE	0.5 - 3.2	4.4- 30	1000	4	8	71	0.7	1.5	240	1/8	18	8431 0264 72
LUM21 SR14-U	0.5 - 2.4	4.4- 21	1400	4	8	71	0.7	1.5	240	1/8	18	8431 0277 30
LUM21 SR23-U	0.5 - 1.5	4.4- 13	2200	4	8	71	0.7	1.5	240	1/8	18	8431 0277 34
LUM22 SR3	0.6 - 3.2	5.3- 28.3	1950	7	15	72	0.8	1.8	239	1/4	16	8431 0269 44
LUM22 SR4	0.6 - 4	5.3- 35.4	1500	7	15	72	0.8	1.8	239	1/4	16	8431 0269 46
LUM22 SR5-300	0.4 - 5	3.5- 44.2	300	7	15	72	0.8	1.8	239	1/4	16	8431 0269 51
LUM22 SR6	1.5 - 6	13.3- 53.1	1000	7	15	72	0.85	1.9	239	1/4	16	8431 0269 47*
LUM22 SR10	3.5 - 10	31- 88.5	700	7	15	74	1	2.2	260	1/4	16	8431 0269 49
LUM22 SR12	3.5 - 12.5	31-110.6	430	7	15	72	0.95	2.1	252	1/4	16	8431 0269 48*
LUM22 SR12-300	3.5 - 12.5	31-110.6	300	7	15	72	1	2.2	252	1/4	16	8431 0269 50
LUM37 SR36-U	1.5 - 4.5	13.3- 40	3500	16	34	80	1.5	3.3	317	1/4	20	8431 0266 20
LUM37 SR25-U	5.0 - 7.5	44.2- 66	2500	16	34	80	1.6	3.5	338	1/4	20	8431 0266 15
Straight models for sheet metal applications												
LUM21 SR07-U-SM ^{bd}	0.5 - 4.5	4.4-40	700	6	13	71	1.1	2.4	229	1/4	19	8431 0264 56

^a Front end 12.5 mm (4210 3918 01) included.

^b Optional front end 21 mm (4210 3918 02).

Recommended hose size mm: LUM10/12/21 = 6, LUM22 = 8, LUM37 = 10

ESD approved: LUM 10/21/12/22 SR/PR

All models: Are reversible and have quick change chuck.

SR-models have ring reverse control.

PR-models have push button reverse.

* Basic tools of the range, cover most needs.



Angle head models

Model	Torque range Soft joint		Free speed r/min	Air consump- tion at free speed		Sound level dB(A)	Weight		Length mm	Air inlet thread in	Angle head centre to side mm	Angle head height mm	Ordering No.
	Nm	in lb		l/s	cfm		kg	lb					
Shut-off angle models													
LTV009 R025-Q	0.6 - 2.5	5.3 - 22.1	1650	6	13	76	0.7	1.5	266	1/8	9	25	8431 0278 00
LTV009 R025-42	0.6 - 2.5	5.3 - 22.1	1650	6	13	76	0.7	1.5	266	1/8	9	25	8431 0278 01
LTV009 R025-6	0.6 - 2.5	5.3 - 22.1	1650	6	13	76	0.7	1.5	266	1/8	9	25	8431 0278 02
LTV009 R03-10	0.7 - 3	6.2 - 26.5	1400	6	13	76	0.7	1.5	266	1/8	9	25	8431 0278 23
LTV009 R035-Q	0.4 - 3.5	3.5 - 31	1100	6	13	76	0.7	1.5	266	1/8	9	25	8431 0278 03
LTV009 R035-42	0.4 - 3.5	3.5 - 31	1100	6	13	76	0.7	1.5	266	1/8	9	25	8431 0278 04
LTV009 R035-6	0.4 - 3.5	3.5 - 31	1100	6	13	76	0.7	1.5	266	1/8	9	25	8431 0278 05
LTV009 R05-Q	0.4 - 5	3.5 - 44.2	850	6	13	76	0.7	1.5	266	1/8	9	25	8431 0278 06
LTV009 R05-42	0.4 - 5	3.5 - 44.2	850	6	13	76	0.7	1.5	266	1/8	9	25	8431 0278 07
LTV009 R05-6	0.4 - 5	3.5 - 44.2	850	6	13	76	0.7	1.5	266	1/8	9	25	8431 0278 08
LTV009 R07-Q	1.1 - 7	9.7 - 61.9	500	6	13	76	0.7	1.5	266	1/8	9	25	8431 0278 09*
LTV009 R07-42	1.1 - 7	9.7 - 61.9	500	6	13	76	0.7	1.5	266	1/8	9	25	8431 0278 10*
LTV009 R07-6	1.1 - 7	9.7 - 61.9	500	6	13	76	0.7	1.5	266	1/8	11	28.5	8431 0278 11*
LTV009 R08-6-200	1.3 - 9	11.5 - 79.6	200	6	13	76	0.7	1.5	266	1/8	11	28.5	8431 0278 24*
LTV009 R09-Q	1.3 - 9	11.5 - 79.6	430	6	13	76	0.7	1.5	266	1/8	11	28.5	8431 0278 12
LTV009 R09-10	1.3 - 9	11.5 - 79.6	430	6	13	76	0.7	1.5	266	1/8	11	28.5	8431 0278 13
LTV009 R09-42	1.3 - 9	11.5 - 79.6	430	6	13	76	0.7	1.5	266	1/8	11	28.5	8431 0278 15
LTV009 R09-42M	1.3 - 9	11.5 - 79.6	430	6	13	76	0.7	1.5	266	1/8	11	28.5	8431 0278 16
LTV009 R09-6	1.3 - 9	11.5 - 79.6	430	6	13	76	0.7	1.5	266	1/8	11	28.5	8431 0278 17
LTV009 R11-Q	1.3 - 11	11.5 - 97.3	320	6	13	76	0.8	1.8	266	1/8	11	28.5	8431 0278 19*
LTV009 R11-10	1.3 - 11	11.5 - 97.3	320	6	13	76	0.8	1.8	266	1/8	11	28.5	8431 0278 20*
LTV009 R11-42	1.3 - 11	11.5 - 97.3	320	6	13	76	0.8	1.8	266	1/8	11	28.5	8431 0278 21*
LTV009 R11-6	1.3 - 11	11.5 - 97.3	320	6	13	76	0.8	1.8	266	1/8	11	28.5	8431 0278 22*
LTV 008 R09-10-220	1.3 - 9	11.5 - 79.6	220	6	13	76	0.8	1.8	285	1/8	11	28.5	8431 0281 39
LTV 008 R09-6-70	1.3 - 9	11.5 - 79.6	70	6	13	76	0.8	1.8	285	1/8	11	28.5	8431 0281 46
LTV 008 R11-6-100	1.3 - 11	11.5 - 97.3	100	6	13	76	0.8	1.8	285	1/8	11	28.5	8431 0280 29
LTV 008 R11-6-50	1.3 - 11	11.5 - 97.3	50	6	13	76	0.8	1.8	285	1/8	11	28.5	8431 0280 30
LTV08 R03-6	0.5 - 3.2	4.4 - 26	1000	4	8	69	0.8	1.7	275	1/8	10	28.5	8431 0325 88
LTV08 R03-42	0.5 - 3.2	4.4 - 26	1000	4	8	69	0.8	1.7	275	1/8	10	28.5	8431 0325 84
LTV08 R03-Q	0.5 - 3.2	4.4 - 26	1000	4	8	69	0.8	1.7	275	1/8	10	28.5	8431 0325 92
LTV08 R05-6	0.5 - 4.5	4.4 - 39	700	4	8	69	0.8	1.7	275	1/8	10	28.5	8431 0325 78
LTV08 R05-42	0.5 - 4.5	4.4 - 39	700	4	8	69	0.8	1.7	275	1/8	10	28.5	8431 0325 74
LTV08 R05-Q	0.5 - 4.5	4.4 - 39	700	4	8	69	0.8	1.7	275	1/8	10	28.5	8431 0325 81
LTV18 R07-6	3.5 - 7	31 - 61	700	6	13	71	1.2	2.6	290	1/4	10	28.5	8431 0326 72*
LTV18 R07-42	3.5 - 7	31 - 61	700	6	13	71	1.2	2.6	290	1/4	10	28.5	8431 0326 61
LTV18 R07-Q	3.5 - 7	31 - 61	700	6	13	71	1.2	2.6	290	1/4	10	28.5	8431 0326 76
LTV18 R15-6	6.0 - 15	53 - 132	360	7	15	71	1.2	2.6	308	1/4	11	28	8431 0326 55
LTV18 R15-10	6.0 - 15	53 - 132	360	7	15	71	1.2	2.6	308	1/4	11	28	8431 0326 56*
LTV18 R15-42	6.0 - 15	53 - 132	360	7	15	71	1.2	2.6	308	1/4	11	28	8431 0326 54
LTV18 R15-Q	6.0 - 15	53 - 132	360	7	15	71	1.2	2.6	308	1/4	11	28	8431 0326 58
Slip clutch models with 1/4" square drive													
TWIST VR07-6	1.3 - 7.0	12 - 62	700	4	8	72	1.0	2.2	280	1/4	10	29	8431 0256 11*
TWIST VR13-6	2.0 - 6.0	18 - 53	1300	4	8	72	1.0	2.2	280	1/4	10	29	8431 0256 37
Slip clutch models with 1/4" female hexagon drive													
TWIST VR07-16	1.3 - 7.0	12 - 62	700	4	8	72	1.0	2.2	280	1/4	10	29	8431 0256 03*
TWIST VR13-16	2.0 - 6.0	18 - 53	1300	4	8	72	1.0	2.2	280	1/4	10	29	8431 0256 29

ESD approved: LTV 008/009.

Recommended hose size mm: LTV009 = 6,
LTV18/TWIST VR = 8

All models: Are reversible.

-42 = 1/4" female hexagon drive for bits.

-10 = 3/8" square drive.

-6 = 1/4" square drive for sockets.

-Q = 1/4" quick change chuck.

* Basic tools of the range, cover most needs.

Slip-clutch models

Model	Torque range Soft joint		Free speed r/min	Air consumption at free speed		Sound level dB(A)	Weight		Length mm	Air inlet thread in	Distance centre to side mm	Ordering No.
	Nm	in lb		l/s	cfm		kg	lb				
Straight models with lever start												
TWIST12 SR3	0.7 - 3.3	6.2 - 29.2	1650	6	13	76	0.65	1.4	225	1/8	15	8431 0278 44
TWIST12 SR4	0.5 - 4.2	4.4 - 37.2	1100	6	13	76	0.65	1.4	225	1/8	15	8431 0278 43*
TWIST22 SR6	1.5 - 6.0	13.3 - 53.1	1500	7	15	72	0.85	1.9	239	1/8	15	8431 0269 52
TWIST22 SR10	1.5 - 10.0	13.3 - 88.5	700	7	15	74	0.9	2.0	246	1/8	15	8431 0269 53*
Straight models with push start												
TWIST22 PR2	1.1- 2.6	9.7- 23	3200	7	15	73	0.75	1.7	242	1/4	15	8431 0278 93
TWIST22 PR7	1.5- 7.5	13.3- 66.4	1100	7	15	73	0.75	1.7	211	1/4	15	8431 0278 90
TWIST22 PR6	2.2- 6.5	19.5- 57.5	1600	7	15	73	0.75	1.7	211	1/4	15	8431 0278 91
TWIST22 PR4-2300	1.0- 4.0	8.9- 35.4	2300	7	15	73	0.75	1.7	242	1/4	15	8431 0278 92
Pistol grip models with trigger and push start												
TWIST12 HRX2	0.6 - 2.4	5.3 - 21.2	1650	6.5	14	73	0.65	1.4	176	1/8	15	8431 0278 40
TWIST12 HRX3	0.6 - 3.5	5.3 - 31.0	1150	6.5	14	73	0.65	1.4	186	1/8	15	8431 0278 39
TWIST12 HRX4	0.5 - 4.4	4.4 - 38.9	800	6.5	14	73	0.65	1.4	186	1/8	15	8431 0278 38*
TWIST22 HRX2-3200	1.1 - 2.6	9.7 - 23	3200	9	19	74	1.05	2.3	205	1/4	15	8431 0278 87
TWIST22 HRX7	1.5 - 7.5	13.3 - 66.4	1100	9	19	74	1.05	2.3	205	1/4	15	8431 0269 26
TWIST22 HRX10	1.5 - 10	13.3 - 88.5	750	9	19	74	1.1	2.4	205	1/4	15	8431 0269 27
TWIST22 HRX12	5 - 12	44.2 - 106.2	500	9	19	74	1.05	2.3	205	1/4	15	8431 0269 28
TWIST22 HR3	1.0 - 3.5	8.9 - 31	2100	8	17	73	0.95	2.1	195	1/4	15	8431 0278 86
TWIST22 HR6	2.2 - 6.5	19.5 - 57.5	1600	8	17	73	0.95	2.1	195	1/4	15	8431 0269 70
TWIST22 HR7	1.5 - 7.5	13.3 - 66.4	1150	8	17	73	0.95	2.1	195	1/4	15	8431 0269 14
TWIST22 HR10	1.5 - 10.0	13.3 - 88.5	750	8	17	74	1	2.2	205	1/4	15	8431 0269 15
TWIST22 HR12	5.0 - 12.0	44.2 - 106.2	500	8	17	73	1	2.2	195	1/4	15	8431 0269 16*
LUF34 HR04	3.0 - 17.0	27.0 - 150.0	440	9.5	19	79	1.4	3.1	265	1/4	21	8431 0311 05
LUF34 HR08	2.0 - 15.0	18.0 - 133.0	750	9.5	19	79	1.4	3.1	265	1/4	21	8431 0311 09*
LUF34 HR16	3.0 - 12.0	27.0 - 107.0	1600	9.5	19	79	1.4	3.1	265	1/4	21	8431 0311 17
Multiple air inlet models (12) and air-on-top models with trigger start and push start												
TWIST12 HRF3	0.6 - 3.5	5.3 - 31	1150	6	2.8	73	0.7	1.5	200	1/8	15	8431 0269 41
TWIST12 HRF4	0.5 - 4.4	4.4 - 38.9	850	6	2.8	73	0.7	1.5	200	1/8	15	8431 0269 40
TWIST HRF08 ^a	1.5 - 7.5	13.0 - 66.0	800	7	15	74	1.2	2.6	212	1/4	25	8431 0252 42
TWIST HRF16 ^a	2.2 - 6.5	20.0 - 58.0	1600	7	15	74	1.2	2.6	212	1/4	25	8431 0252 44*

^a Only air-on-top models

Direct drive models

Model	Torque range Soft joint		Free speed r/min	Air con- sumption at free speed		Sound level dB(A)	Weight		Length mm	Air inlet thread in	Distance centre to side mm	Ordering No.
	Nm	in lb		l/s	cfm		kg	lb				
Pistol grip models with trigger start. Direct drive												
LUD12 HRX2	1 - 2.5	8.8 - 22.1	1600	6.5	3.1	73	0.5	1.1	115	1/8	16	8431 0278 77
LUD12 HRX5	2 - 5	17.7 - 44.2	850	6.5	3.1	73	0.5	1.1	125	1/8	16	8431 0278 78
LUD12 HRX8	3.5 - 8	31.0 - 70.8	500	6.5	3.1	73	0.5	1.1	125	1/8	16	8431 0278 79*
LUD22 HR3	1.5 - 5	13.3 - 24.8	3600	8	3.8	73	0.65	1.4	125	1/4	18	8431 0269 17
LUD22 HR5	2.8 - 5.5	24.8 - 48.7	1650	8	3.8	73	0.65	1.4	125	1/4	18	8431 0269 18
LUD22 HR12	5 - 12	44.2 - 106.2	750	8	3.8	74	0.75	1.7	143	1/4	18	8431 0269 19*
Pistol grip models with trigger start. Direct drive												
LUF34 HRD04	8.0 - 18.0	71 - 160	440	9	19	79	1.2	2.6	212	1/4	20	8431 0311 22*
LUF34 HRD08	8.0 - 11.0	71 - 97	750	9	19	79	1.2	2.6	212	1/4	20	8431 0311 24
LUF34 HRD16	4.0 - 8.0	35 - 71	1600	9	19	79	0.9	2.0	179	1/4	20	8431 0311 26
LUF34 HRD21	2.2 - 4.5	20 - 40	2000	9	19	79	0.9	2.0	179	1/4	20	8431 0311 28
Reversible drill, tapper and screwdriver												
COMBI24 HR08	5.0 - 10.0	44 - 89	800	7	15	75	1.1	2.4	240	1/4	20	8431 0255 61
COMBI24 HR16	2.7 - 5.7	24 - 50	1600	7	15	75	0.9	2.0	205	1/4	20	8431 0255 79
COMBI24 HR36	2.0 - 2.7	18 - 24	3600	7	15	75	0.9	2.0	205	1/4	20	8431 0255 88
COMBI34 HR04	8.0 - 18.0	71 - 160	400	9	19	79	1.5	3.3	228	1/4	20	8431 0311 32
COMBI34 HR08	8.0 - 11.0	71 - 97	750	9	19	79	1.3	2.9	218	1/4	20	8431 0311 34
COMBI34 HR16	4.0 - 8.0	35 - 71	1600	9	19	79	1.0	2.2	179	1/4	20	8431 0311 36

Recommended hose size mm: TWIST/LUD12/COMBI24 = 8, LUF34/COMBI34 = 10

* Basic tools of the range, cover most needs.

All models: Are reversible.

Female hexagon drive for bits: 1/4" on pistol grip models.

Combi-tools are delivered with drill chuck and 1/4" female hex drive for bits.

Have quick change chuck.

Torque at min 3 bar and max 6 bar.

Optional accessories

Designation	Exhaust hose	Support handle	ESD hose	Torque arms adapters	Installation proposal	ESD approved pistol handle
LUM12 HRX/HRF	4210 2052 00	4110 1355 92	8202 0501 06	-	8202 1180 67	4210 3616 04
LUM22 HR 3,4,6	4210 2052 00	4110 1355 92	8202 0501 10	-	8202 1180 77	4210 4337 04
LUM22 HR 10,12	4210 2052 00	4110 1355 93	8202 0501 10	-	8202 1180 77	4210 4337 04
LUM22 HRX 3,4,6	4210 2052 00	4110 1355 92	8202 0501 10	-	8202 1180 77	4210 3616 04
LUM22 HRX 10,12	4210 2052 00	4110 1355 93	8202 0501 10	-	8202 1180 77	4210 3616 04
LUM12 SR	4210 2052 00	-	8202 0501 06	4390 1735 52	8202 1180 67	-
LUM12 PR	4210 2052 00	-	8202 0501 06	4390 1735 53	8202 1180 67	-
LUM22 SR	4210 2053 00	-	8202 0501 10	4390 1735 51	8202 1180 77	-
LUM22 PR	4210 2053 00	-	8202 0501 10	4390 1735 54	8202 1180 77	-
LTV 008, 009	4210 2052 00	-	8202 0501 06	-	8202 1180 67	-
LUF34	4210 2053 00	4110 1355 82	8202 0501 10	-	8202 1180 77	-

ACCESSORIES INCLUDED

Clutch adjustment key

Included with all shut-off and slip clutch tools



Quick change chuck

Included with all straight and pistol grip tools except LUF14



Suspension yoke

Included with all straight and pistol grip tools



Exhaust hose

Included with straight and air-on-top models



Hose nipple

Included with all tools



OPTIONAL ACCESSORIES

Quick change chuck kit

Extra wide diameter for easy handling

Ordering No. 4210 2326 91



Angle-head for LTV009

90° hex drive magnetic bitholder, substitute for 4210 3857 XX angle heads

Ordering No. 4210 3857 91



Extended lever for LTV18

Ordering No. 4210 2306 02



SELECTED SERVICE KITS

The spare parts included in the service kits cover a normal overhaul of your tool. Always have them available for a fast and economical repair.

Main parts included:

- Vane kit
- Motor bearings
- Gaskets
- O-rings
- Circlips
- Pins etc.



OPTIONAL ACCESSORIES for LUM25 HRF models

	Ordering No.
Swivel, hose dia 8 mm	4210 3134 80
Handle small size	4210 3139 00
Hose reel balancer, HRIL 4	8202 0600 29

OPTIONAL ACCESSORIES

Model	Ordering No.
Threaded clutch houses	
LUM12 PR/SR 1, 2, 3, 4, 5	4210 4386 04
LUM12 HRX/HRF 1, 3, 5, 8	4210 4386 04
LUM22 HRX/HR 2, 3, 4, 6	4210 4386 04
LUM22 HRX/HR 10, 12	4210 4392 03
LUM22 SR/PR 3, 4, 5, 6	4210 4383 04
LUM22 SR/PR 10, 12	4210 4383 03
Angle head covers	
LTV009 R025-R07	4210 4115 00
LTV009 R08-R11	4210 4116 00

Service kits for screwdrivers

Model	Ordering No.
LUM12 HRX, HRF	4081 0247 90
LUM22 HR/HRX3,4,6,12	4081 0281 90
LUM22 HR/HRX10	4081 0282 90
LUM12 SR	4081 0254 90
LUM12 PR	4081 0250 90
LUM22 PR/SR3,4,6,12	4081 0284 90
LUM22 PR/SR10	4081 0285 90
LUM10 PR	4081 0070 90
LUM21 PR	4081 0071 90
LUM21 SR-U	4081 0072 90
LUM25 HRF	4080 0075 90
TWIST HRF	4080 0079 90
LUF34 HR	4080 0086 90
TWIST VR	4080 0078 90
LTV08	4080 0084 90
LTV008, 009	4081 0248 90
LTV18	4080 0085 90

RE-Conversion kits for LUM/LTV models

Model	Ordering No.
LUM12 HRF	4210 3624 80
LUM12 SR	4210 4137 90
LUM22 SR	4210 2057 80
LUM21 SR	4210 2912 92
LTV08	4210 4022 90
LTV008, 009	4210 4137 90
LTV18	4210 4023 90



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