

# LUM 02 Pneumatic Screwdriver

Small and compact – with big star performance







# Choose LUM 02

## With LUM 02's all you

If you are looking for star quality, you have found it. Fast, accurate and extremely operator friendly, LUM 02 pneumatic screwdrivers are true stars. For many low-torque applications in the electronics industry, the LUM 02 is a high-productivity alternative.

### Extremely user-friendly

LUM 02 pneumatic screwdrivers are light, pen-size tools fitted with comfortable grips. During prolonged use, the tools can be suspended from a balancer, making them virtually weightless. The user-friendliness of LUM 02 screwdrivers will turn all your operators into star performers.

### The speed to raise productivity

Designed for highest possible productivity on your production line, LUM 02 high-performance screwdrivers are available in four speeds ranging from 350 to 1.800 rpm, and they cover a torque range of 2.5 to 60 Ncm. In the tool crib new torque values can be set without dismantling the tool.

### Where torque is measured in Newton centimetres

Computers, cameras, cell phones, TVs, sound systems, the list goes on and on. For most low-torque tightening applications in the electronics and other industries, the LUM 02 is a true star performer!

**Working with low torque tightening?** Take a look at our LUM 02 pneumatic screwdriver. It's light and compact, hardly bigger than a pen. Pick it up. It feels good to hold. Place the bit in the head of the screw, push down lightly and the tool will start. Run-down is extremely fast, the tool shuts off when the correct torque is achieved, and there is virtually no reaction force transmitted into your wrist. A pleasure to work with, this little winner will put you ahead of your competitors.



# screwdrivers and win the

## r operators are star performers.

The LUM 02 is a reliable pneumatic screwdriver that is built to withstand demanding industrial environments. LUM 02 screwdrivers offer long working lifetimes with very little maintenance, therefore cost of ownership is low. Low maintenance means high productivity and fast return on initial investment, since the tools are not the cause of prolonged downtime for maintenance.

### Accuracy that ensures quality

As may be expected from the technology leader and problem solver, in the LUM 02 Atlas Copco has developed a uniquely designed tool, with patented gears and clutch, that will apply the correct clamp force in every application, thus providing accurate fastening of all types of joints and all types of material.

Halfmoon drive bits also contribute to accuracy, sitting more tightly in the chuck than standard hexagonal drives. The design of the LUM 02 minimizes drive-out, i.e., when the bit slips and destroys the head of the screw. All-in-all, these little "stars" will bring quality to your assembly operations.

### Simply ingenious engineering solutions

**Patented vacuum pick-up adapter** Taking advantage of the presence of compressed air, this highly innovative device eliminates the need for a bulky vacuum pump and related extra cords. The pressurized air is led into the pick-up device and converted to vacuum.

**State-of-the-art gear design** The patented gears in the LUM 02 are built with small cavities that retain the lubrication and therefore require even less maintenance. They will always run smoothly and accurately while giving longer working lifetimes.



# e productivity race!



## LUM 02 screwdrivers

- Light and compact
- Extremely user-friendly
- Four speeds for maximum productivity

- High accuracy
- Long working lifetime
- Low service requirement

### ADVANCED POWER TRAIN

*The design and configuration of the air motor, gears and clutch ensure accuracy in your assembly operation.*

### PATENTED SHUT-OFF CLUTCH

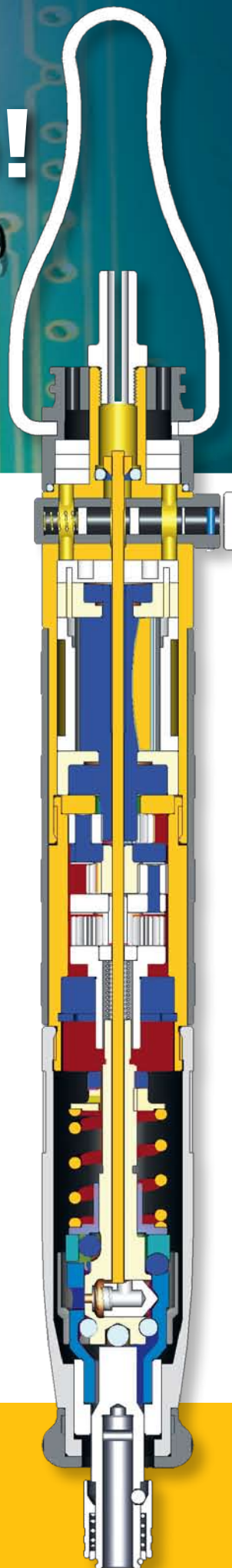
*Ensures automatic shut-off when the correct torque is reached – every time.*

### MINIMUM DRIVEOUT

*The design of the LUM 02 minimizes driveout, i.e., when the bit slips and destroys the head of the screw.*

### HALFMOON DRIVE BITS

*Contribute to fastening accuracy, sitting more tightly in the chuck than standard hexagonal drives.*







**SUSPENSION CLIP**

*Tool can be hung from a balancer, making it virtually weightless.*

**REVERSE BUTTON**

*Can be either pushed every time reverse is needed, or held in a fixed position.*

**COMFORTABLE GRIP**

*Rubber composition coated grip fits comfortably in the hand. Can be held like a pen.*

**TORQUE SETTING**

*Torque can easily be installed without dismantling the tool.*

**ROBUST DESIGN FOR INDUSTRIAL USE**

*Also, as a safety feature, a ring prevents the operator's hand from sliding down the tool during operation. The ring can be unscrewed to attach a vacuum adapter or to mount the tool in a torque arm adapter, or any other fixture.*

**QUICK CHANGE CHUCK**

*Quick change chuck with a half moon drive bit. The bit can be changed rapidly and the half moon drive gives greater tightening accuracy.*

## Technical data – LUM 02

Model	Torque range		Weight		Free speed r/min	Length mm	Air consumption		CS distance mm	Hose size mm	Sound level dB(A)	Ordering No.
	Ncm	in lb	kg	lb			l/s	cfm				
LUM 02 PR04-1800	3 - 32	0.27 - 2.9	0.16	0.35	1800	165	2.2	4.7	10	6	65	8431 0146 02
LUM 02 PR04-1200	3 - 32	0.27 - 2.9	0.16	0.35	1200	165	2.2	4.7	10	6	65	8431 0146 04
LUM 02 PR07-500	2.5 - 60	0.23 - 5.4	0.16	0.35	500	165	2.2	4.7	10	6	65	8431 0146 06
LUM 02 PR07-350	2.5 - 60	0.23 - 5.4	0.16	0.35	350	165	2.2	4.7	10	6	65	8431 0146 08

All models have 4 mm halfmoon drive, quick change chuck.

### Accessories included:

- Exhaust air lead out hose
- Coupling
- Suspension yoke

### Service kit:

Ordering No. 4081 0418 90

### Optional accessories



Tool stand with bits holder.  
Ordering No. 4210 4711 00



Vacuum screw pick-up.  
Ordering No. 4210 4706 80



Exhaust air lead-out hose.  
Accessory included.