

# Atlas Copco LUM 32 Screwdriver

More torque — less reaction



*Atlas Copco*

# Small enough for comfort, big enough to do the job

*Don't be fooled by the slim good looks of the LUM 32! The smallest, lightest, most ergonomic M6 tool on the market, the LUM 32 is as fast, powerful and accurate as competitors twice its size and weight.*

*Working in confined spaces is no problem thanks to the new, slim powertrain design. The fast shut-off clutch reduces reaction impulse to a minimum, making LUM 32 screwdrivers a pleasure to work with.*

## All the power you need

Weighing in at just 0.75 kg, the ergonomically designed, high performance LUM 32 screwdriver generates serious torque: up to 15.5 Nm.

## What's new?

LUM 32 screwdrivers incorporate a new "slimline" powertrain, complete with new gear package and clutch. The main components have been reconfigured, from air motor-gears-clutch to air motor-clutch-gears.

The result? A new slim body that makes screwdrivers in the LUM 32 range ideal for aerospace and other applications, where confined spaces can pose a challenge.

## Easy on the wrist

In the LUM 32, the components have been redesigned, reducing the size and weight of the gears and resulting in a smaller, more efficient clutch. The lightweight clutch, giving low inertia, ensures ultra-rapid shut-off, thus minimizing reaction impulse and making a major contribution to operator comfort.

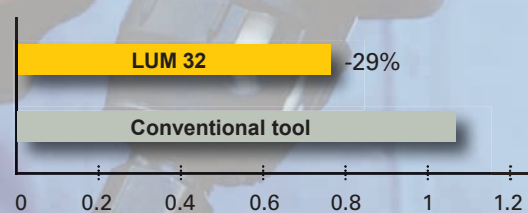


## The ideal assembly partner

The ergonomically designed pistol grip, slim format, perfect balance and high power-to-weight ratio all add up to operator comfort. These factors combined with high output torque make the LUM 32 an ideal assembly partner that will raise individual operator productivity.



### Weight





## Light, powerful, compact – your ideal working partner

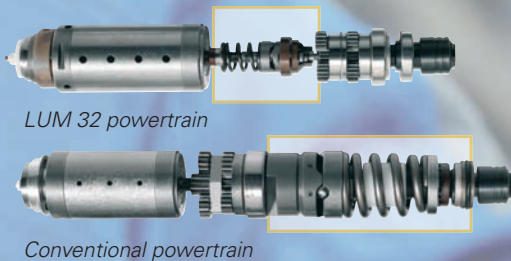
The exceptional power-to-weight ratio of the LUM 32 gives you a powerful partner in the tightest situations. Confined workspaces are no longer a problem.

## New “slimline” powertrain

The new powertrain features an ultra-compact gear and clutch package. The size and weight of the gear package has been reduced, while enhancing response time, with no compromise on performance.

## Compact clutch

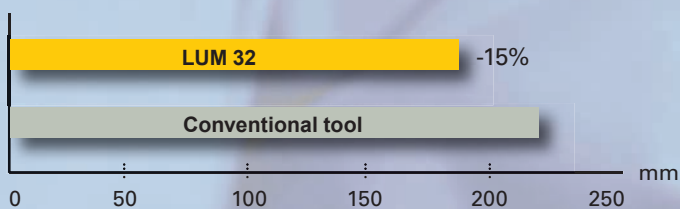
Subject to less torque, the clutch can be scaled down. This further reduces size and weight, for increased shut-off speed, consistent tightening accuracy and minimum reaction impulse.



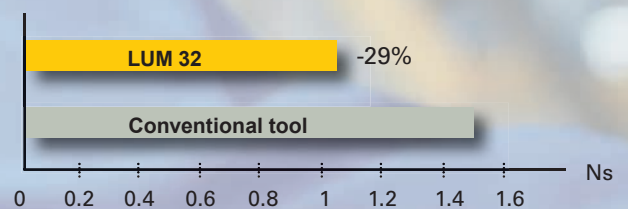
## Built for productivity

With its ergonomic pistol grip, lubrication-free powertrain, patented silencer, low-maintenance design and exceptional reliability, the LUM 32 will minimize operator strain and boost individual productivity.

### Length

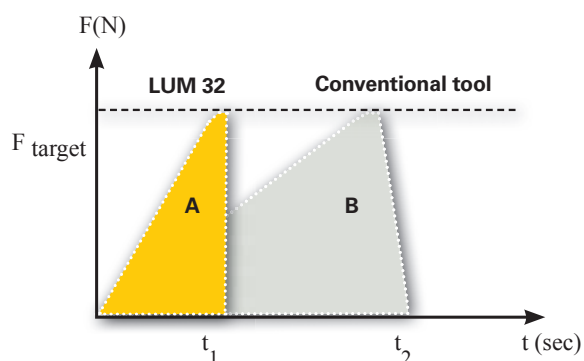


### Reaction impulse



## Minimized reaction impulses

The fast LUM 32 shut-off clutch reduces the reaction impulse when tightening which is a significant ergonomic advantage.



Due to its rapid shut-off clutch, the LUM 32 offers much shorter shut-off time than a conventional tool. Thus, the reaction pulse felt in the operator's wrist as the tool twists is greatly reduced. The diagram above compares the reaction pulse generated by the LUM 32 (A) with that of a conventional tool (B).



## TECHNICAL DATA

Model	Torque range		Free speed r/min	Weight		Length mm	Distance center to side mm	Air consumption		Air inlet thread in	Sound level dB(A)	Ordering No.
	Nm	in lb		kg	lb			l/s	cfm			
LUM 32 HR10	5-10	45-88	750	0.75	1.6	183	18.5	7.5	15.9	1/4 NPT	74	8431 0269 90
LUM 32 HR15	7.5-15.5	67-137	450	0.75	1.6	183	18.5	7.5	15.9	1/4 NPT	74	8431 0269 91

## OPTIONAL ACCESSORIES

					
Exhaust hose	Support handle	ESD hose	Installation proposal	ESD approved pistol handle	
Ordering No.	4210 2052 00	4110 1355 94	8202 0501 10	8202 1180 77	4210 4337 04

Committed to your superior productivity