

Full Auto Shut-Off Hydraulic Air Screwdriver High Speed / Low Reaction Torque



SUMAKE®

MAKE JOBS BETTER THAN EVER

Application

Electronics assembly, Automotive components, Appliance manufacturing and General industrial fastening.

Features

Optimized mechanism minimizes kickback and vibration during fastening, ensuring superior operator comfort for prolonged use.

The pioneering patented design - Three dynamic source mechanism

- Due to the synergistic effect of the three power source designs, it can greatly improve the speed and power of the motor.
(Standard Deviation $\pm 5\%$)
- Additionally, the hydraulic cushion design is integrated into the clutch structure and can rapidly mitigate the substantial recoil force caused by high torque.

Ergonomic Shape Lever

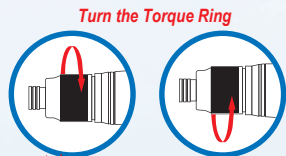
Perfectly fits the tool for extended comfort.

Regular oiling maintenance is necessary to preserve the low-recoil performance of the tool.



External Torque Adjustment Ring

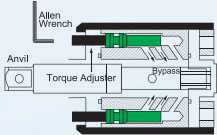
Quickly set your target torque.



NEW Hydraulic Cushion

VS

Traditional Oil Pulse



24EL180

Speediness

Operator can change the bit rapidly by pulling the bit sleeve.

Model Number Example:

24E L (P) (M) 0 6 0
 Series L: Lever Start P: Push Start Max Torque (kg/cm) Torque value display window

24E B P (M) 200
 Series Trigger Start Pistol Max Torque(kg/cm) Torque value display window

Option (24ELMXXX, 24EPMXXX)

Torque value display window

Indicate the actual torque value of each tool.

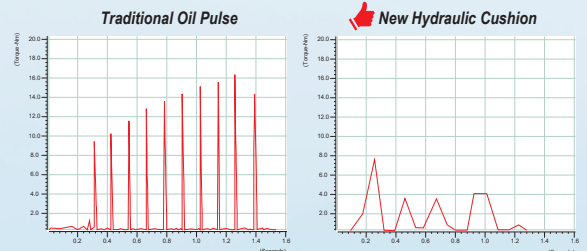
The operator can adjust the ideal torque using the torque ring scale to achieve desired torque value and complete tasks more easily and efficiently.

Display of Nm, Kgf-cm or in-lbs upon request.

Comparison of different types

Item	Mechanism	24EL(P) series	Full auto shut-off	Oil pulse	Slip-clutch	Impact
Power		Big	Small	Big	Small	Big
Free Speed		Medium	Low	Medium ~ High	Low	High
Torque accuracy		High	High	General	General	poor
Toque deviation		$\pm 5\%$	$\pm 3\%$	$\pm 15\% \sim 30\%$	$\pm 10\% \sim 30\%$	$\pm 50\%$
Reaction Force		Small	Large	Small	Large	Small
Torque Adjustment		Outer torque ring	Outer torque ring	By hydraulic fluid	Outer torque ring	By air pressure
Clutch Type		Reaction force cushion mechanism	Auto clutch	Oil pulse	Cushion clutch	Impact
Maintenance		Lubrication	Lubrication	Oil change	Lubrication	Lubrication
Pros & Cons		Big torque, precise torque, Low-recoil, outer torque adjustment, Torque display visible	Medium torque range, high torque precision, outer torque adjustment	Complicated task for maintenance & torque adjustment, low reaction force, low precision	Small torque and large torque deviation, outer torque adjustment	Powerful & high speed but no precision

Traditional Oil Pulse vs New Hydraulic Cushion (Repeatability)



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Certificate TW04/02301



XPST-SC26-0226(R1)

Full Auto Shut-Off Hydraulic Air Screwdriver High Speed / Low Reaction Torque



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24EL060
3,800 rpm
1-6 Nm



24EP060
3,800 rpm
1-6 Nm



24EL100
3,800 rpm
3-10 Nm



24EP100
3,800 rpm
3-10 Nm



24EL180
3,000 rpm
5-18 Nm



24EP180
3,000 rpm
5-18 Nm



24EBP100
3,600 rpm
3-10 Nm

24EBP200
3,600 rpm
5-20 Nm

Specification:

Model No.	Free Speed (r.p.m)	Torque Range ±5%		Net Weight		Length		Noise (±2dBA)	Air Consumption (m³/min)
		Nm	in-lbs	kg	lbs	mm	in		
Lever Start									
24EL(M)060	3,800	1-6	8.9-53.1	0.69	1.52	232	9-1/7	74	0.3
24EL(M)100	3,800	3-10	26.6-88.5	0.74	1.63	242	9-1/2	74	0.3
24EL(M)180	3,000	5-18	44.3-159.3	1.25	2.76	284	11-1/6	78	0.55
Push Start									
24EP(M)060	3,800	1-6	8.9-53.1	0.69	1.52	232	9-1/7	74	0.3
24EP(M)100	3,800	3-10	26.6-88.5	0.74	2.65	242	9-1/2	74	0.3
24EP(M)180	3,000	5-18	44.3-159.3	1.25	2.76	284	11-1/6	78	0.55
Trigger Start, Pistol Type									
24EBP(M)100	3,600	3-10	26.6-88.5	0.95	2.09	230	9	72	0.55
24EBP(M)200	3,600	5-20	44.3-177	1	2.2	230	9	72	0.55

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