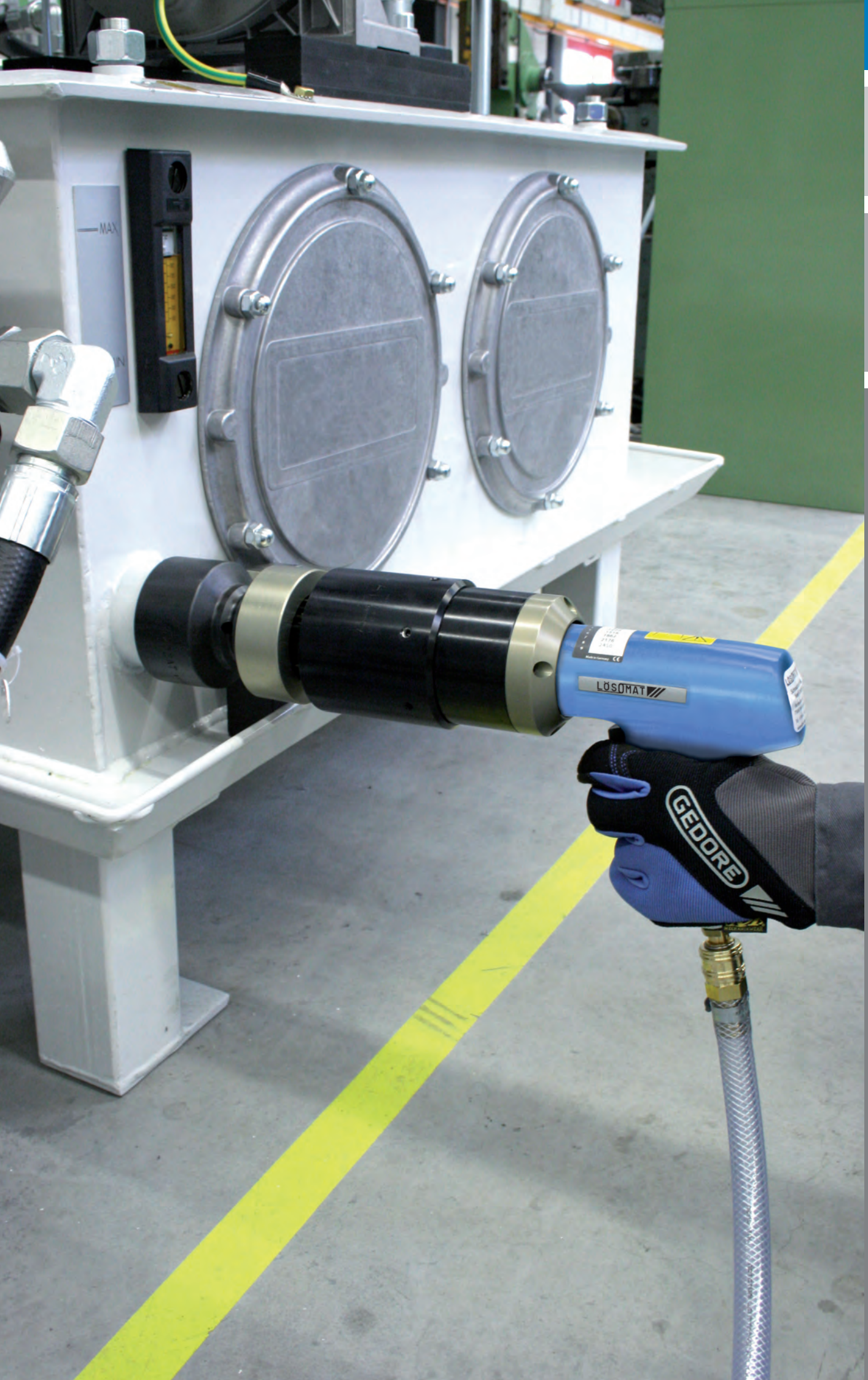


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Pneumatic Torque Wrench





The Pneumatic Torque Wrench LPK series, 80-12,800 N·m

LPK series

Braked 360°-rotating motor unit for comfortable working with optimal operator safety

Ergonomic pistol grip made of resistant pressure-cast aluminium

Rocker switch for simple change of rotation direction

Planet gear unit with ceramic-Teflon®-coated tooth flanks

Drop-forged reaction arm made of chrome-vanadium steel for even greater stability



Maintenance unit



Supplied with individual LÖSOMAT factory calibration certificate



Quiet and accurate torque - even from just 2 bar operating pressure

The pneumatic torque wrench is not an impact wrench. It functions without vibrations, thus protecting the user. Hand on vibration and hearing loss can be significantly reduced with the LÖSOMAT pneumatic torque wrenches.

The force is transmitted quietly and precisely from just 2 bar operating pressure via the proven high-performance gear unit to the bolt connection.

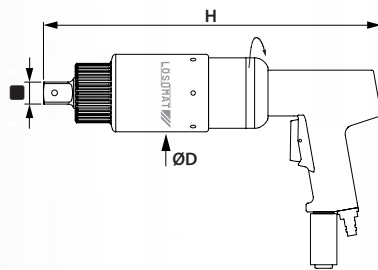


Rugged pneumatic torque wrench for a wide range of environments

Because of the continuously generated overpressure in the device, the pneumatic torque wrench is particularly resistant when used in extremely dirty or dusty environments.

Pressure fluctuations in the supply network are effectively compensated for by the proven LÖSOMAT maintenance unit comprising of an air filter, oiler and pressure reducers. The device is supplied with a constantly uniform airflow and the torque is constantly maintained.

Technical data



Type	N·m min ^{*1} /max ^{*2}	lbf·ft min ^{*1} /max ^{*2}	~ U/min	■	Ø D mm	H mm	kg ^{*3}
LPK - 05	80-450	60-330	55	3/4"	80	295	3.0
LPK - 09	200-900	150-670	24	3/4"	80	328	3.2
LPK - 15	300-1500	220-1110	12	1"	88	343	4.7
LPK - 22	500-2200	370-1620	7	1"	88	360	5.1
LPK - 32	800-3200	590-2360	4	1"	88	383	5.8
LPK - 40	850-4200	620-3100	4	1"	88	383	5.8
LPK - 60	1200-6000	880-4400	4	1 1/2"	102	400	7.7
LPK - 70	1500-7000	1110-5160	3	1 1/2"	128	416	10.6
LPK - 95	2000-9500	1470-7000	2.5	1 1/2"	142	431	12.5
LPK - 120	2500-12800	1840-9440	1.5	1 1/2"	174.5	448	18.5

*1 Lowest torque at 1.5 bar

*2 Maximum torque at 8 bar

*3 Without reaction arm

At 8 bar ca. 1,400 l/min. All rights reserved. Subject to modifications without prior notice.



The Pneumatic Torque Wrench LPK-X series, 80-4,200 N·m

LPK-X series

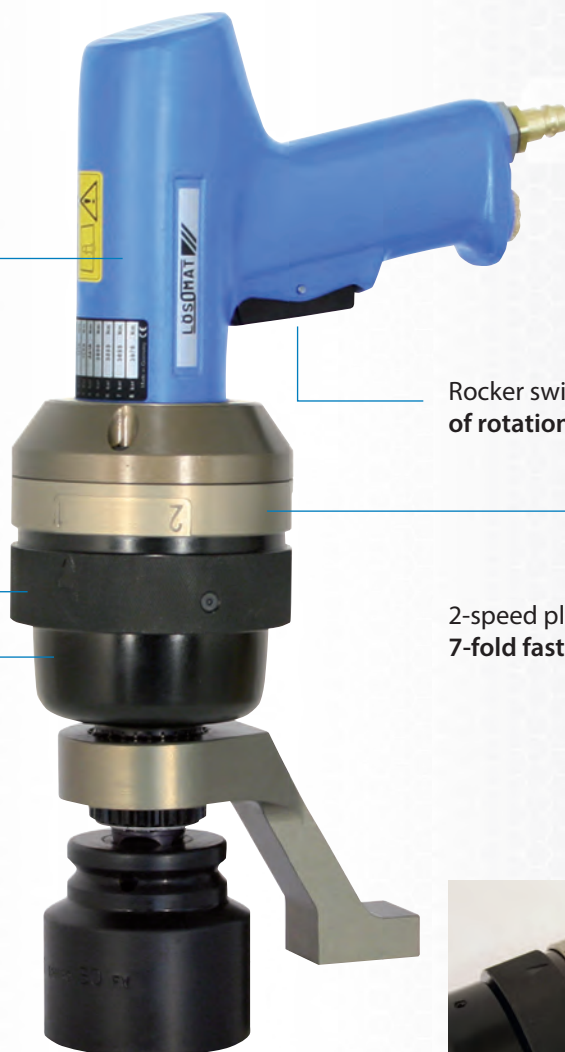
Braked 360°-rotating motor unit for comfortable working with optimal operator safety

Low-backlash high-performance gear unit for reliable, long-term operation

Smallest dimensions and compact construction for extremely confined spaces



Supplied with individual LÖSOMAT factory calibration certificate



Rocker switch for simple change of rotation direction

2-speed planet gear unit for up to 7-fold faster tightening speed



Accessories for the series LPK and LPK-X



Reaction arm cranked with lock on function, made of drop-forged chrome-vanadium steel



Reaction arm made of light alloy, straight with adjustable locking knob with movable square-end and retaining ring
More information on Page 48.



Reaction ring for bespoke reaction arm design



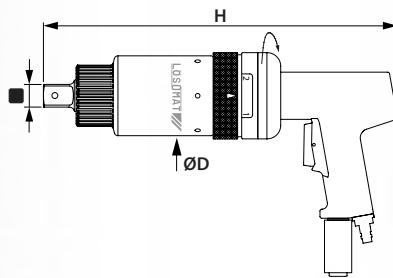
Up to 7 times higher bolting speed

The LPK-X series has a 2-speed planet gear unit. The user can therefore select between rapid and torque mode. The rapid mode drives the bolt in up to the joining torque with a speed up to 300 rpm. It is then possible to switch to the torque mode that tightens the bolt to the precise torque required. Once the required torque has been achieved, the device switches off automatically.

If a torque wrench is not available, bolt connections are usually pre-tightened and then finished off with a torque wrench.

These two working steps are combined in the LPK-X, saving working time for the user. In extensive on-site applications, the assembly times can be reduced by up to 30% through the combination of two working steps in one device with the LPK-X.

Technical data



Type	N-m min ^{*1} /max ^{*2}	lbf-ft min ^{*1} /max ^{*2}	~ U/min ^{*3}	■	Ø D mm	H mm	kg ^{*4}
LPK - 05 X	80-450	60-330	300	¾"	80	301	3.0
LPK - 09 X	200-900	150-670	100	¾"	88	333	4.0
LPK - 22 X	500-2200	370-1620	30	1"	88	367	5.5
LPK - 32 X	800-3200	590-2360	25	1"	88	390	6.2
LPK - 40 X	850-4200	620-3100	20	1"	88	390	7.0

*1 Lowest torque in 2nd gear at 1.5 bar

*3 Maximum speed in 2nd gear

At 8 bar ca. 1,400 l/min. All rights reserved. Subject to modifications without prior notice.

*2 Maximum torque in 1st gear at 8 bar

*4 Without reaction arm