

# LÖSOMAT HIGH TORQUE PNEUMATIC WRENCH



LPK Series



The further-developed series of high torque pneumatic wrenches -  
even lighter, even more robust, even more reliable.

# LÖSOMAT®

## HIGH TORQUE PNEUMATIC WRENCHES

Infinitely variable torque control - starting at 2 bar operating pressure -  
from 100 to 13.000 Nm



### Maximum torque at minimum dimensions and minimum weight

This robust pneumatic wrench is driven quietly and without percussion by a powerful pneumatic motor which can be rotated on bearings and which is fully operational at only 2 bar and more operating pressure. The driving unit is always smaller than the power gear. This ensures that it can be used, even in positions which are difficult to access. It has been possible to save yet more unnecessary weight on the main components of the new gear. At the same time, the bearing of the moving parts has been improved tremendously, which leads to a clear extension in the lifetime of the whole wrench. The rotary drive unit provides safety whilst making it easier to place the wrench on the bolt connection. Due to the individual LÖSOMAT test certificate for every wrench and the extremely high quality standard of our products, we achieve the traceability for the pneumatic series, which is required by every QM system according to DIN EN ISO 9001:2000. A high torque wrench from LÖSOMAT is 100% "Made in Germany".

Naturally, our extensive range of LÖSOMAT accessories is also available for the pneumatic series.

Many special versions, specifically coordinated to the application conditions of our customers, round off the range in this series. – Talk to our application specialists.

### Technical details

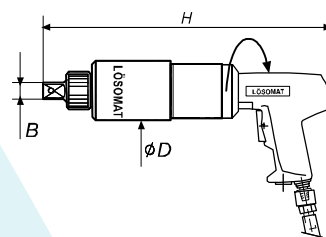
Type		LPK-0	LPK-075	LPK-1	LPK-2k	LPK-2	LPK-40	LPK-3	LPK-4	LPK-95	LPK-5
Min. torque in Nm*	approx. $M_A$	80	200	300	500	800	1000	1200	1500	2000	2500
Max. torque in Nm*	approx. $M_A$	320	750	1100	1700	3000	3800	4400	5500	7000	9000
Peak torque in Nm*	approx. $M_A$	400	950	1500	2200	-	4500	5600	7000	9000	13000
Idling speed n2	$1/min$	55	24	15	7	4	4	4	3	2,5	1,5
Square drive	B	3/4"	3/4"	1"	1"	1"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Max. diameter	D	80	80	88	88	88	88	102	128	138	174
Height incl. square end	H	270	320	335	345	375	385	395	405	410	425
Weight incl. support**	kg	4,5	3,8	7	7,5	8	8,5	9,3	13	15	23

Details are unbinding, deviations are possible.

\* approx. torques:  $M_{Amin.p} = 2$  bar. Peak torque  $p = 9$  bar. \*\*Option: Extra light supports. Dimensions in mm. Delivery with individual LÖSOMAT test certificate. Where the pressure and flow conditions in the air network are stable, the torque tolerance for the tightening and loosening task is less than  $\pm 5\%$ .

### Your advantages

- Extremely light and handy design
- Rotary drive motor running on bearings
- Every wrench is supplied with an individual test certificate
- Infinitely adjustable torque
- Smallest dimensions at largest torque and lowest weight
- NEW: The lifetime of the power gear is now three times longer due to completely new bearings
- Ergonomic design with pistol grip
- Extensive range of accessories
- NEW: Annual tool inspection from model year '07 (excluding freight costs and spare parts) at no extra cost



Subject to alterations!

## LÖSOMAT - SCHRAUBTECHNIK NEEF GmbH

Am Fuchsloch 3 · 71665 Vaihingen/Enz GERMANY

Telefon +49 (0) 7042/9441-0 · Telefax +49 (0) 7042/9441-41 · [info@loesomat.de](mailto:info@loesomat.de) · [www.loesomat.de](http://www.loesomat.de)