

THE SIDE POWER WRENCH

LES/LPS SERIES

Patented switch-off electronics protected against spray water and moisture



Infinitely adjustable torque settings with electronic overload protection



Display with integrated counter and countdown function



Patented tandem gear pulley for secure transmission of large torques up to 4800 Nm



Optimised design enables space-saving positioning parallel to the tie rod



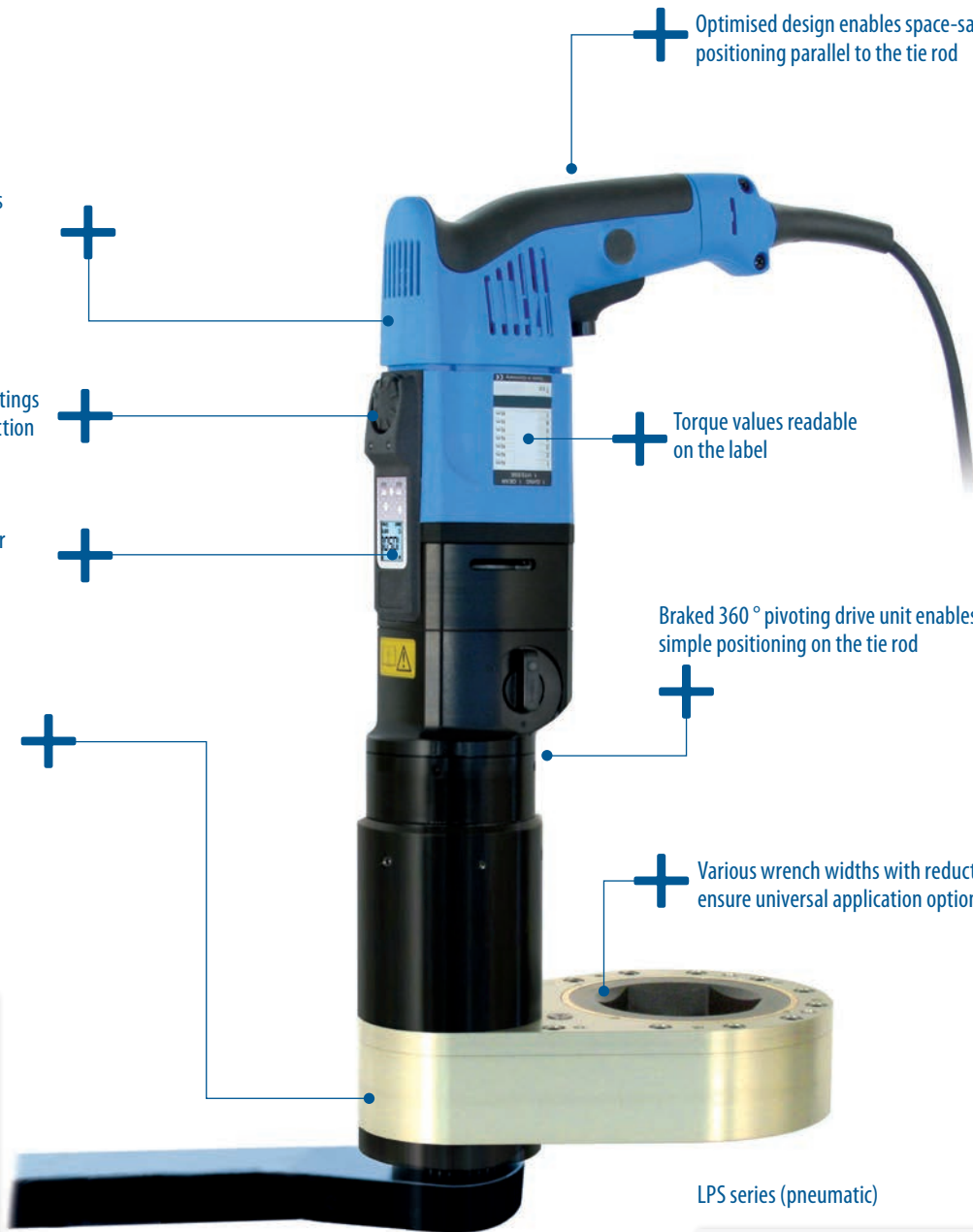
Torque values readable on the label

Braked 360° pivoting drive unit enables simple positioning on the tie rod



Various wrench widths with reduction inserts ensure universal application options

LES-09 series



LPS series (pneumatic)



Accessories: Hexagon adapter

⬡	36 mm	41 mm	46 mm	50 mm	55 mm	60 mm	65 mm	70 mm	75 mm	80 mm
55	•	•	•							
60	•	•	•	•	•					
70	•	•	•	•	•					
80	•	•	•	•	•	•	•	•		
95						•	•	•	•	•



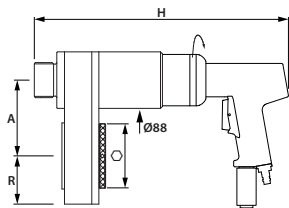
Specially developed for working on plate heat exchangers

We have specially developed various series of side power wrenches in this sector for the safe assembly and disassembly of plate heat exchanger systems. They work fast and reliable, are weight-optimised and designed to be user-friendly. Regardless of whether your exchanger systems are equipped with or without thrust bearings, we have the appropriate system for all types to make your work as easy and comfortable as possible. Our side power wrenches are available with electric or pneumatic drives.

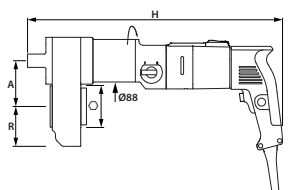
The alternative for smaller plate heat exchangers

The LES-09 model is our entry model with a torque up to 1600 Nm. These side power wrenches are impressive because of their practical and simple operation, particularly for smaller plate heat exchanger versions. High-performance aluminium ensures lower weight and the rotating hand grip adapts individually to the requirements of the user. The enormous bolting speed that is characteristic. The set includes a hexagon adapter for the next smallest wrench width, including the holder for attaching the adapter to the basic unit.

Technical data



LPS - pneumatic



LES - electric

Type	~ N·m max* ¹	~ lbf·ft max* ¹	~ U/min* ²	⊞ mm	A/R mm	H mm	kg* ³
LPS-1/60	3000	2200	7	60	112/61	396	10.0
LPS-1/80	3600	2650	5	80	118/75	396	12.0
LPS-1/95	4800	3500	4	95	135/95	396	13.0
LES-16/60	3000	2200	7	60	112/61	503	11.1
LES-16/70	3600	2650	5	70	118/75	503	11.7
LES-16/80	3600	2650	5	80	118/75	503	11.7
LES-16/95	4800	3500	4	95	135/95	503	13.6
LES-09/55	1600	1180	13	55	86/75	480	10.0
LES-09/60	1600	1180	13	60	86/75	480	9.8

*¹ Series LES: Breakaway torque in 1st gear

*² Series LES: Maximum speed in 2nd gear

*³ Without reaction arm

*¹ Series LPS: Breakaway torque at 7 bar

*² Series LPS: Maximum speed at 7 bar

Vibration is less than 2.5 m/s²

The LES-09 series is supplied with a support plate (reaction arm not required) All rights reserved. Subject to modifications without prior notice.



Scope of delivery

- > Device
- > Reaction arm, straight (light alloy) (only LES-16/LPS)
- > 1x Hexagon adapter (only LES-09)
- > 1x Holder (only LES-09)
- > Tool box
- > Operating instructions



Optional accessories LES/LPS

- > Reaction arm cranked with lock on function made of chrome vanadium steel (only LES-16/LPS)
- > Hose (4 m, only LPS)
- > Maintenance unit (only LPS)
- > Further hexagon adapter
- > Further holder

