YOUR SPECIALIST FOR HIGH-TORQUE BOLTING TECHNOLOGY

FROM PIONEER TO HIGH-TECH CENTRE

The brand LÖSOMAT, now GEDORE Torque Solutions, has represented quality and innovation in all branches of bolting technology for over 40 years. A production depth of nearly 100% on state of the art machining centres ensures excellent quality and precision in our high-torque wrenches. The difference is quite simply in the detail. We are Made in Germany.

WE DEVELOP THE TORQUE WRENCHES FOR YOUR FUTURE

Our specialists develop your high-torque wrenches with state of the art construction and analysis methods (CAD/CAM/FEM). If a suitable solution is not available in our product range, we can design a specifically customised solution for you. Your applications are our challenge.

PRECISION TESTING BEFORE RELEASE

In our in-house test laboratory, all dynamic devices are precisely measured and configured before they are sent to you. The torque deviation is usually significantly under 3% for identical bolting operations. The individual factory calibration certificate is the proof that is required by every QM system as per DIN EN ISO 9001:2008.
INHOUSE TRAINING

We can organise the compulsory annual safety instruction and training courses for you in our in-house training centre. Every participant is subsequently issued with a certificate as verification of training.

FINANCING

The best solution for you counts. We will be happy to consider your wishes and ideas with regards to the contractual arrangement. In order to provide you with flexibility, we can offer various options when purchasing our products, from leasing to paying by instalments.
CORDLESS TORQUE WRENCH 90 – 6,000 NM

SERIES LDA, LAW

Flexible. Independent. Award-winning.

- The world’s first Cordless Torque Wrench for applications up to 6,000 N·m allows fast and flexible use in the most diverse of bolting applications. Doubly patented bolting control and lithium-ion battery technology ensure powerful and enduring operation.
- A unique safety system and microprocessor electronics, coupled with our high-power gear unit make it into a genuine highlight in your machine inventory.
- Optional: The Hybrid Cube
  The Hybrid Cube enables you to carry out your bolting work, target-oriented and without interruptions. The Cordless Torque Wrench can be connected directly to the mains. This way our powerful Cordless Torque Wrench becomes even more economical.

ELECTRIC TORQUE WRENCH 90 – 13,000 NM

SERIES LDE, LEW

Powerful. Intelligent. Robust.

- The Electric Torque Wrench is the classic amongst the heavy-duty torque wrenches. It is a very welcome assistant for innumerable bolting jobs.
- Precision torque control, repetition accuracy and long life are just some of its strengths. With correct handling and care, a life of 20 years is not uncommon for a GEDORE Torque Solutions Electric Torque Wrench.
- Every Electric Torque Wrench is supplied with an individual factory calibration certificate.
- As an option the Electric Torque Wrenches of the LDE, LEW series are fitted with the documentation function LE.Track.

SIDE POWER WRENCH 850 – 4,800 NM

SERIES LES, LPS


- The GEDORE Torque Solutions Side Power Wrenches make it child’s play to secure and dismantle plate heat exchangers. The slim, lightweight design allows access to the most confined spaces without any support problems.
- The Side Power Wrench is available with electric or pneumatic power systems.
HYDRAULIC TORQUE WRENCH 60 – 27,000 NM

SERIES LDH, LDK

Lightweight. Easy to handle. Compact.

- Hydraulic Torque Wrenches from GEDORE Torque Solutions are flexible and robust. The single-handed hydraulic coupling adds a labour-saving convenience.
- The torque wrenches are compatible with a wide range of Hydraulic Units. They perform best, however, when paired with our Hydraulic Units.
- The Hydraulic Torque Wrenches are available as Square Drive and Cassette Torque Wrenches.

HYDRAULIC UNITS 800 BAR

SERIES LHU

Maintenance-free. Robust. Compatible.

- With up to 800 bar output our Hydraulic Units give your torque wrenches the power for every bolting application. The completely sealed housing protects unit and operator even in the roughest of applications.
- The patented cooling air supply provides optimal cooling even under extreme loads. This wear-free pump technology means that the unit is low-maintenance.
- LHU series sensors are installed fully in the unit, not in the hydraulic torque wrench. This makes the unit compatible with other hydraulic torque wrenches.

Modular Hydraulic Units

LHU series Hydraulic Units can be built up in modules. Depending on your requirements, you can choose from the following modules:

- Documentation module LH.TRACK
- Quality Assurance module LH.QS

Manual control - M

The classic, semi-automatic control system enables the user to manually initiate every stroke of the hydraulic torque wrench. The return stroke is automatic.

Automatic control - A

The bolting operation is started by pressing a button, then automatically implemented and ended in the automatic control mode.

Modular control - Solution

The Solution control system is modularly expandable. All settings can be configured and bolting operations documented via the display.
SERIES LKS
Frequently copied. Never matched.

- Patented in the eighties, the Counter Wrench is the ideal tool for counter-holding any bolted connection.
- The simple unlatching mechanism relieves the reaction forces after tightening, providing a safe, simple way of avoiding serious work accidents.
- Can be equipped with different ring inserts 32-115 mm.

SERIES LKV

- The proven technology for a wide range of applications in installation and repairs. The key features of the GEDORE Torque Multiplier are the small gear unit diameter with high force transmission.
- Each unit is provided with a torque setting table, that takes account of the gearing ratio and the high efficiency of the gear unit.
- With overload protection: Shearing square, shear pin and Slipper.

SERIES LDE-S, LEW-S, LDA-S
The easy way to open gate valves

- Gate Valve Wrenches can be operated with cordless, electric and pneumatic drive systems.
- They have the capacity for opening gate valves up to DN 1000.
- The comprehensive range of accessories provides the right solution for every gate valve.
TESTING BENCH TECHNOLOGY – MEASURING SYSTEMS

SERIES LDP (100 – 15,000 NM)
SERIES LTC (100 – 5,000 NM)

The professional stationary test environment.
The mobile outdoor solution.

› The GEDORE Torque Solutions Torque Testing Bench Technology, has already been in use for many years in our own test laboratory.
› A special feature: In both series the simulation of the bolting case takes place on the original bolt. With this technique it is possible to simulate special bolts.
› With the Torque Testing Bench and our mobile Torque Check, Torque Wrenches can be tested static and dynamic without rebuilding the system.
› The in-house software is modular developed and can be adapted individually.

CUSTOMISED SPECIAL APPLICATIONS

SERIES LDB - RAILWAY TORQUE WRENCH

Quick. Consistent. Repeatable.

› The battery-operated railway torque wrench was developed by the GEDORE Torque Solutions company in cooperation with Deutsche Bahn (DB) [German Railways].
› The idea was to design a power wrench for track and points repair, which is small and lightweight on the one hand and precise and exhaust-free without restricting power on the other.
› As an option the Railway Torque Wrenches of the LDB series are fitted with the documentation function LB.Track.
› This total solution replaces three tools:
  › The classic power wrench
  › The impact wrench
  › The sleeper drill

Convince yourself of our LDB!

SERIES LHD - HEAVY DUTY TORQUE WRENCH


› The new Torque Wrench, combining power and speed: with over 10 rpm it is more than twice as fast as other suppliers - for a faster insertion bolt by bolt.
› Brushless Technology ensures a longer tool life of the torque wrench thanks to the brushless, low-wear DC drive.

Please contact us - We will be pleased to advise you.
Do you require more information about our products? Please ask for our complete catalogue.
Or arrange for a demonstration with our competent advisers.
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