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PRECISION, THAT impresses

Torque, testing, and calibration technology

STAHLWILLE®

TORQUE TECHNOLOGY – We are your one-stop-shop for torque tools.

With increasing demands on the quality, safety and reproducibility of bolted joints, controlled bolt tightening is becoming increasingly important. STAHLWILLE is one of the world's leading torque specialists and has been developing "Made in Germany" torque solutions characterised by precision and durability for decades. Everything from a single source: In addition to torque and angle-controlled torque wrenches, our portfolio also includes torque testers and calibration systems that set standards time and time again.



Torque screwdrivers and torque wrenches.

The STAHLWILLE product range spans torque screwdrivers to mechanical, electromechanical or electronic torque/angle-controlled torque wrenches, to networkable torque tools with various interfaces.

Calibration technology.

As a world-renowned torque expert we offer a particularly broad portfolio of calibration systems. With the mechanical and motorised calibration systems from STAHLWILLE, torque tools are calibrated quickly and efficiently to established industry standards.



Testing technology.

In addition to their scheduled calibrations, torque tools should also be tested regularly for function and accuracy. This is the only way to ensure that the tools work exactly within the specification. With our SmartCheck, we offer an excellent solution for in-house testing, among other things.



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TORQUE

10 **Torque screwdrivers**

14 **Mechanical torque wrenches**

28 **Electronic torque wrenches**

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38 **Insert tools**

40 **Test equipment**

46 **Calibration systems**



Always well informed – with the STAHLWILLE website.

The STAHLWILLE website offers comprehensive information on products and many additional resources, such as our whitepapers on torque technology or exclusive behind-the-scenes views of certain areas of application.

www.stahlwille.com

TORQUE TECHNOLOGY PRODUCT OVERVIEW.

N — M

Torque screwdrivers

Category	Measuring range cN·m	Type		
Mechanical/ Electromechanical	0 50 150 300 500 650 800 1,000	Electromechanical	Mechanical	Page
760	**15 – 600 cN·m**		○	12
775	**2 – 1,000 cN·m**		○	12
TORSIOTRONIC® eClick	**12 – 1,000 cN·m**	○		13

Torque wrenches

Category	Measuring range N·m	Feedback type		Insert system		
Mechanical	0 50 150 300 500 650 800 1,000	Indicating	Clicking	Fixed	Interchangeable	Page
71	**160 – 800 N·m**	○		○**	○	16
73Nm/15	**2 – 15 N·m**	○		○		16
755	**1,5 – 300 N·m**		○	○*	○	17
730 Quick	**2 – 650 N·m**		○		○	18–19
721 Quick	**6 – 300 N·m**		○	○		20
720Nf	**160 – 800 N·m**		○	○		21
721Nf	**160 – 1,000 N·m**		○	○		21
730/80	**160 – 800 N·m**		○		○	22
721/30Q 18" HD	**180 – 350 N·m**		○	○		23
730/20Q 14" HD	**40 – 270 N·m**		○	○		23
730N	**4 – 1,000 N·m**		○		○	24
730 Fix	**10 – 1,000 N·m**		○		○	25
730R VDE	**4 – 50 N·m**		○		○***	26
750NR	**20 – 400 N·m**		○	○		27
Electronic	0 50 150 300 500 650 800 1,000	Indicating	Clicking	Fixed	Interchangeable	Page
701	**1 – 20 N·m**	○		○		30
713R	**3 – 400 N·m**	○			○	31
Electromechanical	0 50 150 300 500 650 800 1,000	Indicating	Clicking	Fixed	Interchangeable	Page
730D/730DR eClick	**1 – 1,000 N·m**	○	○		○	34
714/714R eClick	**1 – 1,000 N·m**	○	○		○	35
766 DAPTIQ®	**1 – 1,000 N·m**	○	○		○	58

* only 755R/1 ** only 71aR/80 *** In case of repair

Test Equipment and calibration systems

Category	Measuring range N·m											
Torque multipliers	0 50 150 300 500 650 800 1,000 1,500 5,000 8,000 12,000											Page
MULTIPOWER MP 100-1500	**100 – 1,500 N·m**											37
MULTIPOWER MP 300	**800 – 5,000 N·m****								– 8,000	– 12,000		37

Category	Measuring range N·m									Type		
Test equipment	0 50 150 300 500 650 800 1,000 1,500									Electronic	Mechanical	Page
SmartCheck Angle	**0° – 720°**									○		42
SmartCheck USB	**0,25 – 1,500 N·m**									○		43
SmartCheck DAPTIQ®	**0,25 – 1,500 N·m**									○		59
7707 W	**0,2 – 1,100 N·m**									○		44
Motorised calibration systems	0 50 150 300 500 650 800 1,000 1,500									Electronic	Mechanical	Page
perfectControl® 7794-1 + 7791-1	**1 – 1,000 N·m**										○	50
perfectControl® 7794-2 + 7791-1	**1 – 1,000 N·m**									○		51
perfectControl® 7794-3 + 7791-1	**1 – 1,000 N·m**									○		52
Mechanical calibration systems	0 50 150 300 500 650 800 1,000 3,000									Electronic	Mechanical	Page
7791 + 7791-1	**1 – 1,000 N·m**										○	53
7792 + 7792-1	**1 – 3,000 N·m**										○	53
7706	**0,2 – 10 N·m**										○	54
7790	**0,2 – 10 N·m**										○	54
Test attachment for torque screwdrivers	0 50 150 300 500 650 800 1,000 1,500									Electronic	Mechanical	Page
7791-2	**0,2 – 10 N·m**										○	53

** Catalogue items are available up to a maximum torque of 5,000 N·m. Variants with 8,000 N·m and 12,000 N·m are available on enquiry.



Need more torque?
The STAHLWILLE MULTIPOWER torque multiplier enables values of up to 5,000 N·m to be achieved. More information on page 37.

STAHLWILLE TORQUE WRENCHES.
Uncompromising precision and efficiency – mechanical or digital.

STAHLWILLE torque wrenches are gaining ever greater popularity. Whether mechanical, electro-mechanical, or electronic: their ergonomic design, outstanding quality and accuracy, long service life, and user-friendly handling set new standards and enable professional users around the globe to achieve controlled tightening with confidence.

In addition, STAHLWILLE's electromechanical and electronic torque wrenches allow programming and documentation of individual tightening operations and complex workflows – even measurements independent of the point of force application – delivering maximum safety and efficiency.





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Made in Germany.

At STAHLWILLE, we design and manufacture innovative hand tools of premium quality – Made in Germany, naturally! Every product in our portfolio is equipped with outstanding performance features and impresses with its long service life. And should something ever break, we place particular emphasis on the repairability of our tools – even long after purchase. A true contribution to greater sustainability.



Simple.

Quick external adjustment without dismantling the torque wrench using two adjustment points.

Reliable.

The QuickRelease technology prevents unintentional removal of the insert tools. They lock securely into place and are only released at the push of a button, enabling quick tool changes.



Truly unique.

The best of both worlds! When you can feel precision: STAHLWILLE electromechanical torque wrenches combine the uncompromising precision of an electronic torque tool with the trusted tactile feedback of genuine mechanical release. For maximum control, no matter the dimension.



Exceptional.

The mechanical torque wrenches from STAHLWILLE feature a low-wear trigger system with a bending beam. Unlike conventional torque wrenches with coiled springs, the bending beam is not under any load until the wrench is pulled, which means that it does not need to be reset to "0" after use.

UNIQUE

STAHLWILLE TORQUE SCREWDRIVERS – Digital precision meets patented electromechanics.

The innovative TORSIOTRONIC® eClick torque screwdrivers offer extensive possibilities for programming and comprehensive documentation of tightening data. This is because the development of the compact tool incorporated STAHLWILLE's many years of know-how in the field of digital torque technology as well as the patented electromechanical triggering technology, in which an audible and tangible 'click' signals when the target torque is reached. The perfect symbiosis of digital precision and proven mechanics has been awarded both the Red Dot Design Award and the German Design Award.

BRILLIANT



Finely tuned.

Particularly precise work thanks to the integrated ratchet with 80 teeth for a working angle of only 4.5° – for left and right tightening and in indicating or click mode.

Reliable.

A slipping mechanism prevents unintentional exceeding of the correct tightening torque and overtightening of the screw after the click.

High-contrast.

Clear display of all relevant information in a bright, energy efficient OLED colour display that can be read from almost any angle.

Can be documented.

The TORSIOTRONIC® eClick stores up to 2,500 tightening results for reading and documenting on the PC at a later date via an integrated micro-USB interface.



TORSIOMAX 775.

The TORSIOMAX 775 with left-hand and right-hand tightening accepts all standard quarter-inch bits, form E 6.3, and prevents the screw from being overtightened with the help of a release coupling. The target torque can be set precisely and easily using a rotary micrometer scale.

TORSIOMETER 760.

Equipped with a flat torsion spring as a measuring element, the TORSIOMETER 760 indicates the torque currently applied to the screw. This protects against material damage and rework. The torque can be set variably – quickly and reliably.

TORSIOMETER 760

The TORSIOMETER 760 is a torque screwdriver with ¼" drive, capable of indicating both clockwise and counter-clockwise torque. It is available in four versions covering torque ranges from 15 to 600 cN·m. Inside, a torsion flat spring measures the applied torque with an accuracy of only ± 4 %. For easy reading, the tool features a cN·m scale alongside an in·lb comparison scale.



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Safe Reading.
During tightening, the pointer moves along the edge of the scale, allowing clear reading from any angle and preventing errors caused by parallax.

Permanent Display.
Conveniently, the integrated drag pointer of the TORSIOMETER 760 records the highest torque achieved in both clockwise and counter-clockwise directions.
It can be manually reset afterward.

Flexible Use.
The TORSIOMETER 760 can be used either with an insert tool for direct operation or with adapters to combine with other bits and attachments.
A spring clip securely holds the insert in place.

Model

760 Scale unit: cN·m, in·lb
Size 7,5; 15; 30; 60



More information at
www.stahlwille.com

4 Versions | **15 – 600 cN·m**

TORSIOMAX 775

The TORSIOMAX 775 is an exceptionally compact torque screwdriver with a ¼" internal hex bit holder. Depending on the version, it is designed for low torque applications ranging from 2 to 1,000 cN·m. Suitable for both clockwise and counter-clockwise tightening, the tool is ideal for single or series fastening and signals the achievement of the target torque with both tactile and audible feedback.



More information at
www.stahlwille.com

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No Over-Tightening.
The TORSIOMAX 775/3 features a slip clutch that engages at the set torque, effectively preventing over-tightening even under continued force.

Exact Adjustment.
The tightening torque can be set steplessly via an adjustment ring. For particularly precise settings, a coarse main scale and a fine micrometer scale are visible.

Precise Measurement.
A screw compression spring serves as the measuring element, determining the applied torque accurately and reliably, with an accuracy of ±6 %.

Models

775 Scale unit: cN·m
Size 3; 12; 30; 50; 100



775a Scale unit: in·lb
Size a/3; a/12; a/50



8 Versions | **2 – 1,000 cN·m**

TORSIOTRONIC® eClick

The TORSIOTRONIC® eClick is an electromechanical torque screwdriver with a ¼" external hex drive that combines the precision of a digital tool with a clearly audible and tactile release. Available in four torque ranges from 12 to 1,000 cN·m, it works in both clockwise and counter-clockwise directions and can store up to 2,500 tightening operations. Operation is nearly intuitive. All parameters can be set in no time. Screw cases and complex sequences can be pre-programmed and recalled at the push of a button.



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eClick.
The electromechanical eClick torque tools combine digital measuring technology with a mechanical click. This allows torques to be applied accurately, with the additional advantage of a clearly detectable, haptic stop signal.

Perfect Screw Evaluation.
Three operating modes (Click, Track, and Peak Hold) are available. The TORSIOTRONIC® eClick indicates the tightening status with traffic-light colors on the bright, battery-saving OLED display and with side LEDs.

No Over-Tightening.
After release, the slipping mechanism prevents the preset torque from being exceeded, making over-tightening virtually impossible.

Model

TORSIOTRONIC® eClick Scale unit: N·m, cN·m, in·lb, ft·lb, in·oz
Size 1,2; 3; 6; 10



TORSIOTRONIC® eClick Scale unit: N·m, cN·m, in·lb, ft·lb, in·oz
Size. 1,2; 3; 6; 10, without batteries

More information at
www.stahlwille.com



— Available units: cN·m, N·m, ft·lb, in·lb, and in·oz. **Tolerances** for evaluating the measured value **can be set individually**.

— An integrated ratchet with 80 teeth and a 4.5° working angle
allows **fine-stepped**, **efficient operation**.

— The TORSIOTRONIC® eClick can **store up to 2,500 tightening operations**. They can be exported to a PC via Micro-USB for documentation.

4 Versions | **12 – 1,000 cN·m**

MECHANICAL TORQUE WRENCHES –
For more efficiency and safety.

Mechanical torque wrenches from STAHLWILLE impress with their easy operation, their technical features and the long-term stability of the measured values: Sophisticated controls ensure greater safety and speed when adjusting the target torque. A precise technology inside for precise triggering. Optimised ergonomics to prevent operator errors and fatigue. And a triggering mechanism with a bending beam, which eliminates the need to unwind the spring to '0' after use.

SIMPLE



Exceptional.

The mechanical torque wrenches from STAHLWILLE feature a low-wear clicking mechanism with a bending beam. Unlike conventional torque wrenches with coiled springs, the bending beam is not under load unless the tool is being used, which means that it does not need to be reset to '0' after use.



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Quick.

MANOSKOP® 730 Quick: Convenient and quick to adjust – thanks to particularly large thumbhole and non-slip adjustment slider.

Reliable.

The QuickRelease technology prevents unintentional removal of the insert tools and makes it possible to change tools quickly.

Simple.

Quick external adjustment without dismantling the torque wrench using 2 adjustment points.

Flexible.

Thanks to a wide measuring range spanning 4 – 650 N·m and interchangeable insert tools (9x12 mm, 14x18 mm, 22x28 mm), the MANOSKOP® 730 Quick range is particularly flexible.

Precise.

The design with opposing arrow shaped pointers allows quick and precise torque adjustment.

An overview of the mechanical torque wrenches can be found on pages 6 and 7!

MANOSKOP® 71

The MANOSKOP® 71 is the ideal torque wrench for high torque applications in the 160 – 800 N·m range. This indicating tool can be used with interchangeable heads and, when combined with the 7370/80 adaptor, even with 14 x 18 mm insert tools up to 650 N·m. It delivers accuracy within ± 4 % and features an integrated drag pointer dial gauge with dual scale (N·m and ft·lb) and overload protection. The MANOSKOP® 71aR/80 features a fixed ratchet.



More information at
www.stahlwille.com

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Perfect Readability.
The dial face of the drag pointer gauge is coated with a luminous, bright yellow special film. The advantage: optimum readability is ensured, even in poor lighting conditions.

Rugged Build.
Its durable, robust construction and integrated overload protection make the MANOSKOP® 71 an exceptionally tough tool – ideal for all applications and ready for even the toughest jobs.

Always Precise.
The handle's integrated force-compensation mechanism automatically corrects for grip position, ensuring accurate torque every time – for maximum safety and precision.

Models

71/80 Scale unit: N·m + ft·lb



71aR/80 Scale unit: N·m + ft·lb



2 Versions | **160 – 800 N·m**

73NM/15

The 73Nm/15 friction torque meter is designed for low torque applications from 2 to 15 N·m and is the tool of choice for determining the rotational resistance of components such as bearings, gears, and differentials. Measurements are extremely precise with an accuracy of ± 4 %, and a drag-pointer gauge ensures particularly convenient reading.



Integrated Square drive.
For maximum strength and precision, the square of the 73Nm/15 is fixed. This makes the friction torque meter suitable for clockwise measurements only.

Accurate Display.
The drag-pointer gauge is designed so that the pointer does not jump or flutter during measurement. Instead, it moves smoothly, allowing precise readings at all times.

Lightweight Design.
The 73Nm/15 is one of the lightest in its class, weighing just 676 grams. A result of consistent weight optimization, including the use of aluminum.

Model

73Nm/15 Scale unit: N·m



More information at
www.stahlwille.com

1 Version | **2 – 15 N·m**

MANOSKOP® 755R/1

The mechanical MANOSKOP® 755R/1 features a fixed ratchet and is designed for low-torque applications ranging from 1.5 to 12.5 N·m. It measures with an accuracy of ± 4 %, provides both haptic and acoustic feedback, does not include an adjustment scale, and is made from robust yet lightweight square steel tubing.



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Reliable Ratchet.
The fixed ratchet has 22 teeth and a working angle of approximately 16°. Can be supplied pre-set at defined torque value and with certification (additional charge applies).

Built-in Safety.
The MANOSKOP® 755R/1 measures torque independently of the point of force application – ensuring consistently accurate results.

Precision Assured.
The MANOSKOP® 755R/1 allows fast, repeatable work thanks to the fixed release setting – without a scale and without resetting.

Model

755R/1



More information at
www.stahlwille.com

1 Version | **1,5 – 12,5 N·m**

MANOSKOP® 755

The MANOSKOP® 755 family is ideal for series assembly. With four models, it covers a torque range of 4 – 300 N·m. The target torque is set via an adjustment screw in the handle using a testing device. Its integrated spring mechanism measures with an accuracy of ± 4 % – all while keeping weight low. Using different insert tools adds maximum flexibility.



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Durable Mechanism.
The precisely working spring mechanism inside the MANOSKOP® 755 is extremely robust: the release system remains largely unaffected by continued load after triggering or by load in the opposite direction.

Versatile Applications.
The MANOSKOP® 755, depending on the version, can be used with insert tools in 9 x 12 mm or 14 x 18 mm formats, making it an exceptionally flexible assembly tool.

Reverse Operation.
To use a MANOSKOP® 755 in left-hand operation instead of the standard right-hand, simply flip the insert tool over 180°.

Model

755
Size 4; 10; 20; 30



More information at
www.stahlwille.com

4 Versions | **4 – 300 N·m**

MANOSKOP® 730 QUICK SIZE 2 / SIZE 4

In sizes 2 and 4, the MANOSKOP® 730 Quick is particularly compact – a universal mechanical torque wrench for torques between 2 and 40 N·m. The target torque is set quickly and securely, as the N·m or in·lb scale features an efficient quick-adjust mechanism and arrow-shaped pointers for optimal readability. The tool measures precisely with an accuracy of ±4 % and signals the reached target both haptically and acoustically.



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Quick Adjustments, Easy.
Protected against accidental changes, yet instantly unlocked at the push of a button and ready for setting the target torque: the quick-adjust scale of the MANOSKOP® 730 Quick is as safe as it is efficient and precise.

Time-Saving and Low-Wear.
The patented bending beam release system operates almost without wear. Unlike spring mechanisms, there is no need to reset to "0" to maintain longterm measurement accuracy. Saving valuable time with MANOSKOP® 730 Quick.

Compact Lightweight.
At just 197 mm in size 2 and 223 mm in size 4, the MANOSKOP® 730 Quick fits virtually anywhere, makes working in tight spaces easier, and impresses with its low weight.

Models

730 Quick Scale unit: N·m
Size 2-1; 2; 4



730a Quick Scale unit: in·lb
Size a/2-1; a/2; a/4





— **External adjustment** without disassembly: Enabled by two easily accessible adjustment points for the upper and lower limits.

— Also available as the "a" version with a **pure in·lb scale**.

— **Ergonomically optimized**: the 2-component handle is slip-resistant and ergonomically shaped. It is resistant to common oils, greases, fuels, brake fluids, and Skydrol. The arrow marking on the handle indicates the operating direction.

More information at
www.stahlwille.com

6 Versions | **2 – 40 N·m**

MANOSKOP® 730 QUICK

The universal mechanical torque wrenches of the MANOSKOP® 730 Quick family allow for highly efficient work. Together, they cover torque ranges from 6 to 650 N·m with an accuracy of ±4%. The user receives both haptic and acoustic signals when the target torque is reached. Thanks to a clearly readable dual scale (N·m / ft·lb and N·m / in·lb as standard, single N·m scale on request) with quick adjustment and arrow-shaped pointers, the target torque can be set in seconds. The MANOSKOP® 730 Quick is available with or without insert ratchet.



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Efficient and Fast.
To unlock the quick adjustment, simply press a clamping lever in the handle. Once released, the scale can be precisely set using the ergonomic thumb recess.

Time-Saving and Low-Wear.
The patented bending beam release system operates almost without wear. Unlike spring mechanisms, there is no need to reset to "0" to maintain longterm measurement accuracy, saving valuable time with MANOSKOP® 730 Quick.

External Adjustment.
If measurements drift outside the tolerance range, two easily accessible adjustment points for the upper and lower limits allow for external adjustment during calibration – no disassembly required.

Models

730 Quick Scale unit: N·m + ft·lb
Size 5; 10; 12; 20; 30; 40; 65; II/65



730a Quick Scale unit: in·lb + ft·lb
Size a/5; a/10; a/12; a/20



730R Quick Scale unit: N·m + ft·lb
Size 5; 10; 12; 20; 30; 40





— The MANOSKOP® 730 Quick in sizes 5 to 65 features the proven **QuickRelease safety lock** to prevent unintentional tool loss.

— It is also available as the MANOSKOP® 730R Quick with an **insert ratchet**.

— To use the MANOSKOP® 730 Quick for left-hand tightening, simply **flip the insert tool over 180°** before use.

— Also available as the "a" variant with **N·m / in·lb dual scale**, as well as a version with **N·m scale only.**

More information at
www.stahlwille.com

18 Versions | **6 – 650 N·m**

MANOSKOP® 721 QUICK

The mechanical MANOSKOP® 721 Quick is available in multiple sizes. Each member of the product family features a permanently installed ratchet, together covering a torque range from 6 to 300 N·m. The slip-resistant adjustment element with a clearly readable dual scale (N·m / ft·lb) and arrow-shaped indicators allows the target torque to be set quickly and precisely. The MANOSKOP® 721 Quick measures with an accuracy of ± 4 % and provides both tactile and audible release feedback.



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Efficient and Fast.
To unlock the quick adjustment, simply press a clamping lever in the handle. Once released, the scale can be precisely set using the ergonomic thumb recess.

Time-Saving and Low-Wear.
The patented bending beam release system operates almost without wear. Unlike spring mechanisms, there is no need to reset to "0" to maintain longterm measurement accuracy, saving valuable time with MANOSKOP® 721 Quick.

External Adjustment.
If measurements drift outside the tolerance range, two easily accessible adjustment points for the upper and lower limits allow for external adjustment during calibration – no disassembly required.

Models

721 Quick Scale unit: N·m + ft·lb
Size 5; 15; 20; 30



721QR Quick Scale unit: N·m + ft·lb
Size 15; 20





— Available either with a **standard ratchet** or a ratchet featuring **QuickRelease** and **36 teeth**.

— The MANOSKOP® 721QR in sizes 15 to 20 comes with the proven **QuickRelease safety lock** to prevent unintentional tool loss.

— Also available as the MANOSKOP® 730 Quick **without a permanently installed ratchet** (see page 19).
The "a" variant features a **N·m / in·lb dual scale**.

More information at
www.stahlwille.com

6 Versions | **6 – 300 N·m**

MANOSKOP® 720NF/80

The mechanical MANOSKOP® 720 Nf/80 is a trigger-type torque wrench without a ratchet. It is designed for a torque range of 160 to 800 N·m and features an easy-to-read dual scale (N·m / ft·lb), an interchangeable square drive, and highly precise measurement technology with a ±4 % accuracy. The target torque is signaled both haptically and acoustically, making the MANOSKOP® 720 Nf/80 ideal for universal use.



More information at
www.stahlwille.com

Stable Drive.
The MANOSKOP® 720 Nf/80 features a ¾" square drive capable of easily handling the stresses of high torque and enabling the use of larger sockets.

Time-Saving and Low-Wear.
The patented bending beam release system operates almost without wear. Unlike spring mechanisms, there is no need to reset to "0" to maintain longterm measurement accuracy, saving valuable time with MANOSKOP® 720 Nf/80.

External Adjustment.
If measurements drift outside the tolerance range, two easily accessible adjustment points for the upper and lower limits allow for external adjustment during calibration – no disassembly required.

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Model

720Nf/80 Scale unit: N·m + ft·lb



The MANOSKOP® 720 Nf/80 can also be used for **left-hand tightening** – simply remove the **reversible square drive** and insert it from the opposite side into the **drive head**.

1 Version | **160 – 800 N·m**

MANOSKOP® 721NF

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The MANOSKOP® 721Nf is a trigger-type, universally applicable mechanical torque wrench with an integrated ¾" drive ratchet. It is designed for high torques across a wide range of 160 to 1,000 N·m and features a clearly readable dual scale (N·m / ft·lb), a reversible square drive, highly accurate measurement technology with ± 4 % accuracy, and a clearly perceptible haptic and acoustic release.



More information at
www.stahlwille.com

Stable Drive.
The MANOSKOP® 721Nf features a ¾" square drive capable of easily handling the stresses of high torque and enabling the use of larger sockets.

Time-Saving and Low-Wear.
The patented bending beam release system operates almost without wear. Unlike spring mechanisms, there is no need to reset to "0" to maintain long-term measurement accuracy, saving valuable time with MANOSKOP® 721Nf.

External Adjustment.
If measurements drift outside the tolerance range, two easily accessible adjustment points for the upper and lower limits allow for external adjustment during calibration – no disassembly required.

Model

721Nf Scale unit: N·m + ft·lb
Size 80; 100



The permanently installed, **durable ratchet with 30 teeth** and a 12° working angle allows efficient, uninterrupted operation. The MANOSKOP® 721Nf **can also be used for left-hand tightening** – for this, the **reversible square drive** is removed and inserted from the opposite side into the **drive head**.

2 Versions | **160 – 1,000 N·m**

MANOSKOP® 730/80

The MANOSKOP® 730/80 is a mechanical torque wrench designed for high-torque applications from 160 to 800 N·m. Equipped with a fixed mount for interchangeable insert tools, it offers exceptional versatility and precision for industrial assembly, maintenance, and service operations. The tool delivers measurement accuracy within ± 4 %, ensuring consistent and reliable results even under demanding conditions.



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Flexible Drive Interface.
The MANOSKOP® 730/80 features a fixed mount that allows the use of various STAHLWILLE shell and insert tools – for example, the 7370/80 adaptor enables the use of 14 x 18 mm insert tools up to 650 N·m.

Low-Wear and Efficient.
The patented bending beam release system operates almost without wear. Unlike spring mechanisms, there is no need to reset to "0" to maintain long-term measurement accuracy.

Durable and Reliable.
The robust steel tube construction and integrated overload protection ensure durability and consistent performance, even in demanding environments. Two adjustment points allow for external adjustments during calibration – no disassembly required.

Model

730/80 Scale unit: N·m + ft·lb





— A clearly readable **dual scale** in N·m / ft·lb ensures ± 4 % accuracy in accordance with DIN EN ISO 6789-2:2017.

— The integrated overload protection and rugged housing guarantee maximum reliability even under heavy load conditions.

— Adjustments during calibration via two externally accessible adjustment points – no disassembly required.

More information at
www.stahlwille.com

1 Version | **160 – 800 N·m**

721/30Q 18" HD / 730/20Q 14" HD

The MANOSKOP® 721/30Q 18" HD and 730/20Q 14" HD combine a high-grip STILLSON pipe wrench mechanism with a precision torque wrench – offering powerful hold and controlled tightening in one tool. Both models feature selectable torque values and the proven bending-beam release system, providing long-term precision with a measurement accuracy of ± 4 %. Designed for demanding industrial and construction applications, they deliver reliable torque control even under heavy load conditions.



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Powerful and Precise
The permanently integrated STILLSON pipe wrench – 18" on the 721/30Q and 14" on the 730/20Q – ensures a secure grip on pipes, fittings or reinforcement bars, while the torque wrench mechanism guarantees precise tightening.

Quick and Safe Adjustment.
With multiple selectable torque levels – five for the 721/30Q (180 / 220 / 270 / 300 / 350 N·m) and seven for the 730/20Q (40 / 80 / 120 / 150 / 180 / 220 / 270 N·m) – both tools adapt quickly to diverse applications in construction, hydraulic systems, and plant maintenance.

Low-Wear and Efficient.
The patented bending beam release system operates almost without wear. Unlike spring mechanisms, there is no need to reset to "0" to maintain long-term measurement accuracy.

Models

721/30Q 18" HD Scale unit: N·m + ft·lb



730/20Q 14" HD Scale unit: N·m + ft·lb





— Adjustments during calibration via two externally accessible adjustment points – no disassembly required.

— Ergonomic two-component handle: non-slip and resistant to oils, greases, fuels, and Skydrol.

— Quick torque selection via clamping lever in the handle for fast adjustment between tasks.

More information at
www.stahlwille.com

2 Versions | **40 – 350 N·m**

MANOSKOP® 730N

The MANOSKOP® 730N family offers a suitable mechanical torque wrench for nearly every application. It comprises 23 models, with and without ratchet, each covering different torque ranges from 4 to 1,000 N·m. All variants feature the proven QuickRelease safety lock, fast and precise QuickSelect adjustment, an easy-to-read N·m / ft·lb dual scale, and both haptic and audible torque release. Additionally, the MANOSKOP® 730N "a" version comes with an ft·lb / in·lb dual scale. Most models achieve a display accuracy of just ± 3 %.



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Time-saving QuickSelect Adjustment.
With QuickSelect, the target torque is set quickly and precisely in just a few seconds. An easily accessible rotary knob at the handle end and an easily readable fine scale ensure accuracy.

Low-Wear and Efficient.
The patented bending beam release system operates almost without wear. Unlike spring mechanisms, there is no need to reset to "0" to maintain long-term measurement accuracy, saving valuable time with MANOSKOP® 730N.

External Adjustment.
If measurements drift outside the tolerance range, two easily accessible adjustment points for the upper and lower limits allow for external adjustment during calibration – no disassembly required.

Models

730N Scale unit: N·m + ft·lb + in·lb
Size 2; 5; 10; 12; 20; 40; 65; II/65; 80; 100



730NR Scale unit: N·m + ft·lb + in·lb
Size 5 FK; 10 FK; 20 FK; 40 FK; 65 FK-HD



730Na Scale unit: in·lb + ft·lb
Size a/2; a/5; a/10; a/20; a/40





— With the MANOSKOP® 730N, screws can also be tightened in **left-hand** rotation by simply flipping over the **insert tool**.

— From size 65, the MANOSKOP® 730N is delivered in a **durable** and **robust textile bag** – providing optimal protection and easier transport.

— The 730NR model of size 65, however, comes in a **sturdy steel case**.

More information at
www.stahlwille.com

23 Versions | **4 – 1,000 N·m**

MANOSKOP® 730 FIX

The mechanical MANOSKOP® 730 Fix torque wrenches come fully equipped for industrial series production. Features include the proven QuickSelect rapid adjustment with setting knob, a dual fine scale (N·m / ft·lb) at the handle end, and a lock to prevent unintentional changes to the target torque. Available in various sizes covering 5 – 1,000 N·m, the "a-variant" even offers an ft·lb / in·lb scale.
The MANOSKOP® 730 Fix is compatible with many insert tools and delivers an accuracy of just ± 3 %. Release is both tactile and audible.





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Secured Target Torque.
Once the release torque is set via the knob on the handle, the knob can be removed and the adjustment mechanism locked with the supplied locking screw and tamper-evident seal. This prevents any unwanted changes.

Low-Wear and Efficient.
The patented bending beam release system operates almost without wear. Unlike spring mechanisms, there is no need to reset to "0" to maintain long-term measurement accuracy, saving valuable time with MANOSKOP® 730 Fix.

External Adjustment.
If measurements drift outside the tolerance range, two easily accessible adjustment points for the upper and lower limits allow for external adjustment during calibration – no disassembly required.

Models

730 Fix Scale unit: N·m + ft·lb
Size 5; 10; 12; 20; 40; 65; II/65; 80; 100



730a Fix Scale unit: ft·lb + in·lb
Size a/5; a/10; a/20; a/40





— Precise QuickSelect adjustment via an **easy-to-use control knob** at the handle end – torque values for series assembly can be set without an additional testing device.

— **Optimally equipped** for industrial applications up to 1,000 N·m, thanks to **interchangeable** insert tools (9x12 mm, 14x18 mm, and 22x28 mm).

— **Left-hand tightening** possible by flipping over the insert tool.

— QuickRelease technology **prevents unintentional removal of the insert tool** and allows for fast tool changes.

More information at
www.stahlwille.com

13 Versions | **10 – 1,000 N·m**

MANOSKOP® 730R VDE

The MANOSKOP® 730R VDE is the only VDE torque wrench on the market that allows the user to adjust or replace the fine-tooth ratchet without disassembling the wrench. A subsequent safety inspection after these modifications is not required.



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Clever.
MANOSKOP® 730R VDE is the only VDE torque wrench on the market with a user-replaceable ratchet.

Safe.
The insulating plastic cover of the MANOSKOP® 730R VDE protects against voltages up to 1,000 volts when working on live connections.

Low-Maintenance.
Adjustment does not require the wrench to be sent to STAHLWILLE – the adjustment screws are accessible from the outside.

Model

730R VDE Scale unit: N·m + ft·lb

Size 2,5; 5





— The MANOSKOP® 730R VDE features the proven **QuickRelease safety lock**, enabling fast tool changes while effectively preventing tool loss.

— Extremely high accuracy of just ± 3 % ensures **precise**, **reliable**, and **repeatable measurements**.

— Thanks to the springless, low-wear bending bar system, no resetting to "0" is required – **the mechanism remains permanently stable and easy to maintain**.

More information at
www.stahlwille.com

2 Versions | **4 – 50 N·m**

750NR

The 750NR is a universal applicable, ratcheting mechanical torque wrench with an integrated ratchet. The series covers torque ranges from 20 to 400 N·m and stands out with a highly legible dual scale (N·m/ft·lb) with integrated fine scale, an accuracy of ±4 %, and a clearly signaled release both acoustically and haptically. Premium-grade steel, a special matte finish, and a newly designed, ergonomically optimized handle complete its high-quality appearance.



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Fast Adjustment.
The release torque is set via Quick-Select on an easily accessible knob at the handle end. The 750NR/200 model, with 10 N·m per turn, is the fastest torque wrench in its class!

Integrated Fine-Tooth Ratchet.
The built-in, reversible ratchet features 60 teeth and allows precise, fine-stepped operation with a working angle of just 6°, ideal for tight spaces.

Durable Spring Mechanism.
The knee-lever spring mechanism of the 750NR works with high precision and is exceptionally robust and resilient – ensuring accurate results over a long service life.

Model

750NR Scale unit: N·m + ft·lb

Size 100; 200; 400





— Designed for **finely stepped** precision and controlled clockwise tightening.

— The release torque setting mechanism locks into place for **maximum safety** and **consistent precision** during tightening.

— The 750NR is **immediately ready for use** again after tightening and release.

More information at
www.stahlwille.com

3 Versions | **20 – 400 N·m**

ELECTRONIC TORQUE WRENCHES – Extremely reliable, extremely precise.

No compromises – whether programming and parameterising bolted joints and entire bolting sequences, whether digital measurement and evaluation, or downloading bolted joint data for documentation. In terms of precision, handling and connectivity, STAHLWILLE's electronic torque wrenches are pioneering.

PRECISE



Documenting.

The SENSOTORK® 713R offers extensive documentation options. Up to 2,000 tightening operations are stored with a time stamp.

Connecting.

Parametrisation of the torque wrench or downloading the stored data. The USB interface makes this possible together with the optional SensoMaster software.

Multisensory.

The achieved torque is signalled visually, acoustically and haptically – by means of an LCD with multi-colour backlighting, warning tone and vibration.

Compact.

The SENSOTORK® 701 impresses with its slim and compact design and is specially designed for low torques in the range of 1–20 N·m. Ideal for tightening screws on modern materials such as plastic, magnesium or aluminium.

Precise.

With integrated fine-tooth ratchet with 80 teeth and QuickRelease safety lock, which allows quick tool changes whilst preventing unintentional loss of the attached tool.

Efficient.

The SENSOTORK® 701 offers direct adjustment of the target torque on the tool. The single-button control allows quick and easy setting of units and modes (track, peak hold, user mode including target with evaluation).

An overview of the electronic torque wrenches can be found on pages 6 and 7!

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SENSOTORK® 701/2

The SENSOTORK® 701/2 electronic torque wrench is designed for very low torque applications between 1 and 20 N·m, with an accuracy of ±4 %. Its compact design and integrated fine-tooth ratchet with QuickRelease safety lock allow work even in tight spaces. The settings can be adjusted directly on the tool.



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Easy Operation.
The almost intuitive single-button control of the SENSOTORK® 701/2 allows the user to quickly and conveniently set the unit and desired operating mode (Track, Peak Hold, User Mode including joint evaluation) directly on the tool.

Fine tuned.
The integrated fine-tooth ratchet has 80 teeth, enabling a working angle of only 4.5°. This allows fast and efficient tightening even in very tight spaces.

Reliable Measurement.
Torque is measured independently of the point of force application. Even with an incorrect grip, the actual applied torque is accurately displayed.

Model

701/2 Scale unit: N·m + ft·lb + in·lb + cN·m



701/2 Skaleneinheit: N·m + ft·lb + in·lb + cN·m
without batteries



More information at
www.stahlwille.com



— In combination with the **SensoMaster** software, joint data can be documented.

— Joints are evaluated via **LEDs**, **audible signals**, and **vibration**.

— The SENSOTORK® 701/2 can operate in **N·m, cN·m, ft·lb, and in·lb**.

1 Version | **1 – 20 N·m**

SENSOTORK® 713R

The SENSOTORK® 713R electronic angle-controlled torque wrench family delivers extreme precision: torque and angle applications up to 100° have an accuracy of only ±1° ±1 digit, while angles over 100° have an accuracy of at least ±1% ±1 digit. The display-equipped wrench is versatile and available for torque ranges from 3 – 400 N·m. It operates in N·m, ft·lb, and in·lb. The intuitive menu and large display make input easy. The SENSOTORK® 713R is supplied with the 735 reversible ratchet.



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Wide Angle Range.
The SENSOTORK® 713R allows users to quickly and conveniently measure angles across an extremely wide range.

Color-Coded Feedback.
The display's colored backlight provides real-time feedback using traffic-light colors – green, yellow, and red – to indicate the evaluation of each fastening operation.

Easy Documentation.
The SENSOTORK® 713R can store data from up to 2,000 fastenings with date and time stamps and allows easy transfer to a PC for documentation via the integrated USB interface.

Model

713R Scale unit: N·m + ft·lb + in·lb
Size 6; 20; 40



More information at
www.stahlwille.com



— During tightening, the tool displays both **torque** and **angle**.

— Measurement is **independent of the point of force** application. Even with an incorrect grip, the correct values are recorded.

— If an insert tool with an irregular length is used, it only needs to be entered. The tool **automatically** adjusts all values.

3 Versions | **3 – 400 N·m**

ELECTROMECHANICAL TORQUE WRENCHES –
Precise. Simple. Documented.

Parameterise bolted joints with absolute precision down to the decimal place, measure digitally, evaluate in real time and document for quality assurance? Electromechanical torque wrenches from STAHLWILLE are ideal for more demanding applications and also offer the sensory feedback usually only offered by mechanical torque wrenches.

LEADING



Documenting.

Our electromechanical torque wrenches are easy to configure and program with the SensoMaster software. This means that all data can be downloaded, stored and subjected to further analysis on the PC for better monitoring and optimisation of the work processes.

Intuitive.

High-resolution colour graphics display alongside indicator lights. Yellow light: Prewarning threshold reached. Green light: Measured value within the tolerance range. Red light: Measured value outside the tolerance range.

Connecting.

Simple documentation of the recorded measurements on the PC via the USB interface and via an optional Bluetooth Low Energy module.



Unique.

The best of both worlds: Electromechanical torque wrenches from STAHLWILLE combine the uncompromising precision of an electronic torque tool with the proven feeling of a real, mechanical click. This allows torques to be applied accurately, with the additional advantage of a clearly detectable, haptic stop signal. This helps users to achieve reliable, reproducible bolted joints without sacrificing the familiar handling of traditional tools.



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Time saving.

When using an insert tool with a different length, the user no longer has to recalculate and adjust the target torque. The user simply enters the new extension length. The torque wrench then performs the conversion automatically.

Diverse.

With the electromechanical torque wrench, you are equipped for every bolted joint: Users have four different measurement modes at their disposal with 'Torque', 'Angle of rotation', 'Torque with angle of rotation control' and 'Angle of rotation with torque control'.

An overview of the electromechanical torque wrenches can be found on pages 6 and 7!

MANOSKOP® 730D eClick/730DR eClick

The versatile MANOSKOP® 730D eClick/730DR eClick offers the best of both worlds: the precision of electronic measurement with ±2 % accuracy (±1 digit) and the familiar tactile feedback of a mechanical torque wrench. The torque wrench, providing both acoustic and visual feedback, covers a torque range from 10 to 1,000 N·m across several models and features, depending on the version, either a carrier for insert tools (730D eClick) or a reversible ratchet (730DR eClick).



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eClick.
The electromechanical eClick torque tools combine digital measuring technology with a mechanical click.

Perfect introduction.
MANOSKOP® 730D eClick focuses on the essentials: accurate, digital torque measurement, simple operation, and intuitive control. It does not include additional functions, making it particularly compact, and easy to use with a clear design.

Proven quality.
The storage of up to 2,500 pieces of tightening data and simple transfer via USB, Bluetooth Low Energy, and WLAN provide completely traceable documentation which is important for audits, complaints, and internal QA specifications.

Models

730D eClick Scale unit: N·m + ft·lb + in·lb
Size 1; 2; 4; 6; 10; 20; 40; 65; 80; 100



730DR eClick Scale unit: N·m + ft·lb + in·lb, **Includes a reversible ratchet 735**
Size 1; 2; 4; 6; 10; 20; 40; 65; 80; 100





— The display function remains active even with **counter-clockwise** torque.

— Depending on the application, different **tolerance values** can be predefined.

— An additional safeguard of presettings – such as **operating mode**, **release** or **target value**, **unit of measurement**, **tolerance**, **storage**, or **extension length** – can be controlled via **PIN code**.

More information at
www.stahlwille.com

14 Versions | **10 – 1,000 N·m**

MANOSKOP® 714 eClick/714R eClick

The MANOSKOP® 714 eClick/714R eClick is a versatile electromechanical angle-controlled torque wrench with extremely high accuracy, available for torque ranges between 1 and 1,000 N·m. It evaluates tightening operations visually using a traffic light colour system. The 714R eClick model comes equipped with an integrated ratchet. The menu structure can be customized to individual requirements, while a password-protected key lock safeguards global tool settings from unauthorized access.



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Exact Values.
Angle of rotation accuracy:
±1° ±1 digit up to 100°; above 100° at least ±1% ±1 digit

Angle of rotation display resolution:
0,1°

Torque display resolution:
≤ 60 N·m: 0.01 N·m; > 60 N·m: 0.1 N·m; > 400 N·m: 1 N·m

Torque accuracy:
± 2 % ± 1 digit

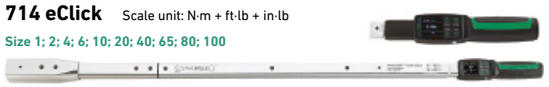
eClick.
The electromechanical eClick torque tools combine digital measuring technology with a mechanical click.

The versatile option.
MANOSKOP® 714 eClick has four measuring modes: torque, angle of rotation, and the combined methods of torque with 'angle of rotation' monitoring variable, and angle of rotation with 'torque' monitoring variable. For simple, as well as demanding bolting processes.

Comprehensive quality assurance.
MANOSKOP® 714 eClick is perfect for modern assembly processes that must be documented. Up to 2,500 bolting processes can be saved, and subsequently read out and analysed via interfaces.

Models

714 eClick Scale unit: N·m + ft·lb + in·lb
Size 1; 2; 4; 6; 10; 20; 40; 65; 80; 100



714R eClick Scale unit: N·m + ft·lb + in·lb
Size 1; 2; 4; 6; 10; 20; 40; 65; 80; 100





— The function modes "First-Peak," "Peak Hold," and "Track" are selectable. **QuickRelease** prevents tool loss. Up to **2,500 torque readings** with **timestamps** and up to **200 bolted joints** in a maximum of **25 sequences** can be programmed.

— If an insert with an irregular length is used, **automatic correction** is applied when the dimension is entered in the settings. Both clockwise and counter-clockwise tightening are possible. For **counter-clockwise tightening** in "First-Peak" mode, the insert tool must be flipped over. Torque and angle are **displayed** during tightening.

— Sizes 1, 2, and 4 measure **independently** of the point of force application – even with incorrect grip position.

More information at
www.stahlwille.com

20 Versions | **1 – 1,000 N·m**

SENSOMASTER

With the free SensoMaster software, any number of electronic STAHLWILLE torque wrenches can be programmed from a PC. It also enables extensive documentation, graphical representation of statistical data, and data export.



Self-explanatory.
Intuitive user interface with a clear tab structure and automatic display of all functions supported by the connected torque wrench.

Quick.
Even complex fastening tasks and process plans can be quickly created on the screen and transferred to the tool in seconds.

Documenting.
Reads, among other things, identification number, tool serial number, target torque, target angle, trigger torque, applied torque, and achieved angle.



— The software for all electronic STAHLWILLE torque wrenches is the **ideal complement** for precise and efficient work.

— It transfers fastening tasks and process plans directly to the tool and enables **detailed analysis** of **all tightening data** – perfect for quality management.

— A paid upgrade expands the functionality to include **real-time display** of up to **15 torque curves** (torque over time, torque over angle, angle over time).

More information at
www.stahlwille.com

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MP100-1500

Mobile torque multiplier set for torques from 100 to 1,500 N·m. The all-in-one package in a robust case includes the torque multiplier, the most common tool inserts, and a reaction arm. It is especially suitable for applications where varying torques, including higher ranges, are required.



More information at
www.stahlwille.com

Compact Power.
The MULTIPOWER torque multiplier impresses with its particularly handy design, ratchet function, 8° working angle, and integrated angle scale. Ideal when used with a torque wrench with a fixed $^{1}/_{2}$" square drive.

Reliably Precise.
Thanks to patented technology and an accuracy of ±5 %, precise work is guaranteed. The robust design is safely stored in the practical carrying case.

Comprehensive Set.
The 5-piece set includes three hexagon inserts (30, 32, 36 mm), one insert with a 1" external square, and a 400 mm reaction arm – perfect for versatile applications.

1 Version | **1,500 N·m**

MP300

Need more torque? The STAHLWILLE MULTIPOWER torque multiplier delivers up to 5,000 N·m. Variants of 8,000 N·m and 12,000 N·m are also available upon request.



More information at
www.stahlwille.com

Effortless Force.
The MULTIPOWER torque multiplier allows the simple application of very high torques – up to 5,000 N·m / 3,687 ft·lb

Robust Safety.
With overload protection, planetary gear, and anti-backlash protection (from 2,000 N·m on), the system provides maximum safety under heavy loads.

Fully Equipped.
The accuracy is ± 5 %. The robust tool is supplied with a spare sun gear in a practical carrying case.

Models

MP300-800	
MP300-1350	
MP300-2000	
MP300-3000	
MP300-5000	

At a certain size, tightening and loosening fasteners requires very high torque. To keep the effort within a manageable range and reduce physical strain on the operator, either long lever arms are needed – or STAHLWILLE torque multipliers.

7 Versions | **800 – 12,000 N·m**

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INSERT AND SHELL TOOLS.

STAHLWILLE's extensive tool range offers a wide selection of insert tools for torque wrenches with rectangular tool carriers (9 x 12 mm, 14 x 18 mm, and 22 x 28 mm), as well as many shell tools for torque wrenches with a 24.5 x 28 mm external carrier. This includes ratchet insert tools, open-ended insert tools, square- and bit-holder insert tools, as well as ring insert and ring adaptor tools. A large part of the range is available in both metric and imperial sizes. Designed to meet professional requirements, including applications in aerospace, the portfolio is a reliable choice for demanding torque applications.

By combining different adaptors and insert tools, a single torque wrench can be transformed into multiple specialised configurations – enabling a wide variety of fastening tasks to be carried out with one tool.

Our complete product range – in the catalogue or online: **www.stahlwille.com**



Ratchet insert tools
- QuickRelease ratchets, fine-tooth ratchets, and bit ratchets.
- Available for various insert tool carrier sizes (9 x 12 mm, 14 x 18 mm, and 22 x 28 mm).
- Compatible with all common square drive sizes.



Square drive insert tools
- Practical square drive tools for different drive sizes.
- Ideal for all tasks where a ratchet is not required.
- Robust and durable – typical STAHLWILLE.



Open-ended insert tools
- Available in 28 sizes from 7 to 60 mm, suitable for all common applications in transport, production, and industry.
- Durable, long-lasting premium steel, forged in Germany.
- Also available in imperial sizes.



Ring insert tools
- Available in three insert sizes, covering wrench sizes from 7 to 60 mm.
- Featuring AS-Drive profile – for optimal torque transfer and protection against slipping and damage to the screw head.
- Also available in imperial sizes.



Open-ended shell tools
- For torque wrenches with 24.5 x 28 mm carrier for shell tools.
- Available in eleven sizes – providing near-complete coverage for all fastening tasks in transport, production, and industry.
- Long service life and excellent workmanship.



Ring shell tools
- Optimal edge protection and perfect torque transfer thanks to the highly precise AS-Drive profile.
- Eleven shell tools cover wrench sizes from 24 mm to 60 mm.
- Also available in imperial sizes.



Weld-on insert tools
- Allows welding of your own tools.
- To avoid damage due to high temperatures, the pin and spring must not be fitted before the tool has been welded
- Final assembly is performed by the user using the included assembly instructions.



Bit holder insert tools
- Practical square drive tools for different drive sizes.
- Ideal for all tasks where a ratchet is not required.
- Robust and durable – typical STAHLWILLE.



Adaptors
- For greater flexibility when using existing insert and shell tools.
- Insert adaptors with external profiles of 9 x 12 mm, 14 x 18 mm, or 22 x 28 mm, internal profiles of 14 x 18 mm or 9 x 12 mm, or external profile of 24.5 x 28 mm.
- Shell adaptor with internal profile of 24.5 x 28 mm for use with 14 x 18 mm insert tools.



Ratchet ring insert tools 717/718
- Fastening without repositioning – for maximum efficiency and speed.
- Integrated double hex ratchet for clockwise and counter-clockwise operation, with fine-tooth action thanks to 72 teeth and a 5° working angle.
- Slim design made of blackened, wear-resistant HPQ® high-performance steel – ideal for tight spaces and heavy-duty applications.

STAHLWILLE TEST EQUIPMENT –
For added safety.

Test equipment from STAHLWILLE helps to ensure quality and minimise risks. They can be used to test torque and angle-controlled torque wrenches for compliance with tolerances between calibration intervals – daily if necessary, because the test is quick and easy. A suitable, highly precise test device is available for every application and torque range – whether it's for use at base or in the field.

FLEXIBLE



Compact.

The SmartCheck test device can be positioned virtually anywhere. Sophisticated mounting points, a compact design and a rotatable display allow both vertical and horizontal mounting.

Rotatable.

Not only the display, but also the display holder and body can be rotated 180°. For optimal adjustment of the viewing angle of the display.

USB port.

The integrated USB interface allows the test values stored in the device to be read out. This means they can also be transferred to external systems.

Intuitive.

Easy to understand operation and user guidance. For faster work, reliable results and increased safety. CheckMaster, an application from STAHLWILLE, ensures a fast connection between PC and SmartCheck testing devices. The testing devices can then be configured and results analysed from the computer. Test certificates can also be created via CheckMaster.

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Flexible.

The SENSOTORK® 7707 W testing device is not only compact, it is also extremely flexible thanks to its easily interchangeable transducers. The measured values are shown on a display that is connected with a cable.

Versatile.

Clockwise and counter-clockwise measurements with a particularly broad measuring range from 2 to 100 % of the nominal value, and interchangeable square drive adaptors integrated into the mounting block.

SMARTCHECK ANGLE

The SmartCheck Angle is a compact testing device for fast, easy, and precise inspection of angle-controlled torque wrenches in controlled clockwise and counter-clockwise operation. This makes it an important component of internal quality assurance. It is suitable for angle measurements up to 720°. The SmartCheck can store up to 2,500 data sets, including date and time stamps. The micro-USB interface enables easy data transfer and also serves as an optional power supply.



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Uncompromising Precision.
The digital measurement allows continuous display of the torque and angle of rotation (Track mode) and recording of the peak value (Peak-Hold mode). Target values and tolerances can be set individually.

Comfortable Operation.
Measurement results are displayed directly on the device and evaluated using a traffic-light system. Operators thus receive immediate feedback.

Optimal Interaction.
With the free CheckMaster documentation software, the SmartCheck Angle can be easily configured from a PC. With CheckMaster PRO, test certificates can even be created and saved automatically.

Model

Angle Scale unit: Angle ° / N·m





— **Large LC display** with excellent readability – even from unfavorable angles. The robust display and membrane keypad are splash-proof.

— **Display, display holder**, and **main body rotate 180°**.

— **Easy assembly** thanks to pre-drilled holes in the mounting bracket.

More information at
www.stahlwille.com

1 Version | **720°**

SMARTCHECK USB

The electronic SmartCheck USB torque tester allows inspection of indicating or clicking torque wrenches and torque screwdrivers to ensure they remain within specified tolerances – independently. Operation of the portable device, equipped with precise measuring technology, is straightforward and easy to understand. It is available for five different torque ranges from 1 – 1,500 N·m. Thanks to its compact dimensions, the SmartCheck fits almost anywhere.





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Easy Operation.
The operator receives direct evaluation of the test via the SmartCheck's traffic-light function. In addition, the testing device features an integrated optical and acoustic overload protection. Torque measurements can be displayed in N·m, ft·lb, or in·lb.

Reliable Documentation.
Up to 2,500 measurements are stored, including timestamps. The integrated USB interface allows data to be read via a PC for permanent documentation.

Universal Fit.
The display, display holder, and main body rotate 180°. Thoughtfully designed mounting points and a rotatable display allow both vertical and horizontal installation.

Model

USB Scale unit: N·m + ft·lb + in·lb
Size 10S; 10; 135; 400; 800; 1,500



— **3 operating modes**:
Running display of the applied torque **(Track)**,
display of the torque on click point detection **(First-Peak)**,
peak value display **(Peak-Hold)**

— **Customised input of target torques** and tolerances for evaluating the measured value

More information at
www.stahlwille.com

6 Versions | **0,25 – 1,500 N·m**

CHECKMASTER SOFTWARE

The CheckMaster application enables real-time parameterisation of SmartCheck DAPTIQ® testers. Measurement results are transferred automatically, and can be documented quickly and easily. Test certificates are also created and saved automatically. In addition, the torque tools to be tested can be recorded in the software and managed easily.



MADE IN CRONENBERG
MADE IN GERMANY

High process reliability.
CheckMaster enables a high degree of individualisation for the SmartCheck DAPTIQ®. The worker does not have to make any adjustments to the device and can concentrate exclusively on testing the torque wrenches and screwdrivers.

Informative.
Thanks to CheckMaster, calibration intervals can be conveniently tracked and monitored. The integrated customer database makes it easier to manage the tested tools. Issued test certificates and tool histories can also be accessed.

Automated.
With CheckMaster, the user can create test certificates with minimal effort. The certificates can be individually adapted to the customer's needs. The document is exported in just a few clicks.



— System requirements for seamless operation of CheckMaster: **Windows 10** or higher, **64-bit operating system**, and a **free USB port**.

— Our **free** CheckMaster **documentation software** is always available for **download** from the service portal on our website. With the paid CheckMaster Pro version, the SmartCheck testing devices can unleash their full potential.

More information at
www.stahlwille.com

7707 W

The electronic testing device SENSOTORK® 7707 W is used for testing both indicating and clicking torque wrenches. Thanks to interchangeable transducers, it is highly flexible and covers an exceptionally wide measurement range from 0.2 – 1,100 N·m. Measurement results are clearly displayed on a separate screen, which is connected to the testing device via a robust coiled cable.



MADE IN CRONENBERG
MADE IN GERMANY

Highly Versatile.
STAHLWILLE patented transducers are automatically recognised and are available with ¼", ⅜", and ½" drives. Together, they cover a wide torque range from 0.2 – 1,100 N·m.

Perfect Measurement.
The testing device works for both clockwise and counter-clockwise torque. Three measurement modes are available: Track, First-Peak, and Peak-Hold – with results displayed in N·m, ft·lb, or in·lb depending on the setting.

Wide Application.
The QuickRelease locking system allows fast mounting and exchange of transducers whenever different measurement ranges are required.

Model

7707 W Scale units: N·m, ft·lb, in·lb
Size 1-3W; 1-2W; 1W; 2W; 2-1W; 2-2W; 3W



— **Four interchangeable square adapters** are included – for flexible use with all common drive sizes.

— For clicking torque wrenches, the **first-peak** and the **actual applied torque** are **both** displayed – for maximum control.

— An **integrated signal amplifier** makes the testing device insensitive to bending moments and lateral forces.

More information at
www.stahlwille.com

7 Versions | **0,2 – 1,100 N·m**

STAHLWILLE CALIBRATION SYSTEMS –
Calibration made easy.

Companies that use many torque and angle-controlled torque wrenches can reduce their tool costs and tool downtime by calibrating their measuring equipment in-house: With our mechanical and motorised/automated calibration systems, tools are calibrated quickly and efficiently to established industry standards.

PRECISE



More features.

The perfectControl® 7794-3 also enables the calibration and adjustment of torque and angle-controlled torque wrenches. Thanks to an integrated motor, the working height can be adjusted and optimised quickly and easily by the user.



MADE IN CRONENBERG
MADE IN GERMANY

Efficient.

The electronic perfectControl® calibration systems reduce the effort and time required for calibrations and adjustments and prevent inaccurate measurements. In combination with the TorkMaster software, calibration certificates are issued in no time.

Quick.

QuickRelease technology enables the transducers to be changed quickly. The handle support for torque wrenches can be adjusted with one hand using an eccentric tensioner.

Precise.

Take measurements without shifting the force application point. The transducer accurately detects, digitises the measured values and transmits them to the PC.

Comfortable.

Driven by an electric motor with automatic speed adjustment, the perfectControl® 7794-2 measures clockwise and counter-clockwise. Operation is via buttons.

Modular.

The base version calibrates torque wrenches up to 400 N·m. Calibrations up to 1,000 N·m are possible with the 7791-1 extension.

OUR EXPERTISE – STAHLWILLE calibration technology enables calibration laboratories and companies to efficiently trace torque wrenches back to the national standard.

For secure bolted connections with reproducible quality.

DAKKS

Our own calibration laboratory – for over 20 years.

We have known for years the importance of calibrating torque tools. As one of the leading manufacturers of torque wrenches, we also develop pioneering calibration technology and software solutions – including fully automatic calibration systems.

In 1997 STAHLWILLE became the first torque wrench manufacturer in Germany to receive accreditation from the German Calibration Service. Our in-house calibration laboratory is accredited by DAkkS according to ISO/IEC 17025:2025. All of this makes us the partner of choice for numerous industries.

Standards-Compliant Calibration in Accordance with DIN EN ISO 6789:2017.

In 2017, the DIN EN ISO 6789 standard introduced enhanced requirements for the calibration of hand torque tools. Unlike previous procedures, calibration now involves not only the determination of measurement error (commonly referred to as 'deviation'), but also the evaluation and calculation of numerous factors that influence measurement uncertainty.

While this makes standards-compliant calibration significantly more complex, it also provides users with the highest level of confidence, transparency and traceability of measurement results.

STAHLWILLE has consistently implemented the requirements of DIN EN ISO 6789:2017 both in the production of its torque tools and within its own accredited calibration laboratory. State-of-the-art calibration systems combined with the powerful TorkMaster software enable the fast and precise determination of all parameters required by the standard, ensuring a reliable and highly efficient calibration process.

An additional benefit is the automatic generation of standards-compliant calibration certificates immediately after calibration. Users therefore benefit from complete documentation, maximum process reliability and calibration services of the highest quality.

DIN

MCT

Machine Capability Test (MCT) according to VDI/VDE 2645-2 The Alternative Approach.

An increasing number of manufacturing companies are choosing a Machine Capability Test (MCT) instead of calibration according to DIN EN ISO 6789. In fact, for torque tools used to repeatedly tighten the same bolted joint in medium- and high-volume production environments, an MCT often represents the more suitable solution.

In accordance with VDI/VDE 2645-2, an MCT uses statistical methods to evaluate the stability of a predefined target value. For a tool-specific MCT, measurements are typically performed five times at three test points – minimum value, 60% of the measuring range and maximum value – unless otherwise specified.

This results in a significantly larger data set for each target value, allowing a more comprehensive assessment of performance and process stability.To support this methodology, STAHLWILLE has equipped its TorkMaster software with an additional module specifically designed for tool-related MCT analyses in accordance with VDI/VDE 2645-2.

Combined with our advanced calibration systems, the software applies the relevant evaluation procedures to provide a reliable assessment of the stability and capability of the tool at the selected target value.

7794-1

The perfectControl® 7794-1 is a manual calibration unit driven by a handwheel, enabling calibration and adjustment of torque wrenches in the measurement range from 1 – 400 N·m. Its thoughtful design reduces user effort and saves time. Precise results are ensured by a accurately mounted spindle, an ergonomically shaped handwheel, and measurement without any shift in the point of force application. A comprehensive 18-piece calibration accessory set is included.



perfectControl®

MADE IN CRONENBERG
MADE IN GERMANY

Ergonomic Operation.
The perfectControl® 7794-1 impresses with its ergonomically shaped handwheel and the particularly easy, low-effort operation of torque wrenches.

Versatile Application.
Both clicking and indicating torque wrenches can be conveniently calibrated and adjusted with the perfectControl® 7794-1. For high torque ranges up to 1,000 N·m, the easily mountable extension 7791-1 is also available.

Easy Documentation.
After calibration, conformity certificates or calibration reports can be printed, saved or exported as PDFs using the TorkMaster calibration software.

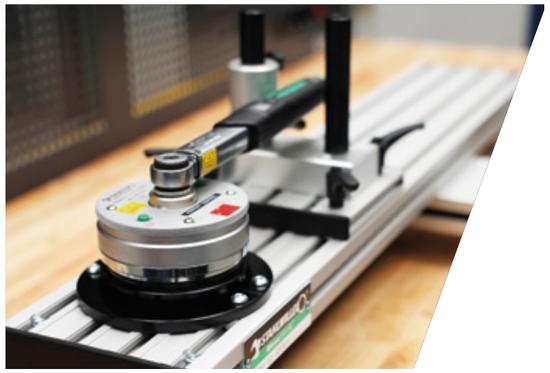
Models

7794-1



7794-1 Sets





— The 7794-1 calibration unit is also available as **two pre-configured sets** – either with **three** or **four transducers**, including an extension for the 1 – 1,000 N·m range.

— Suitable for calibration laboratories **accredited for the measurement of torque**, as calibration of transducers is also possible.

More information at
www.stahlwille.com

3 Versions | **1 – 1,000 N·m**

7794-2

The perfectControl® 7794-2 is a motorised calibration unit with electric drive, enabling calibration and adjustment of torque wrenches in the measurement range from 1 – 400 N·m. For users, this means a significant reduction in effort and time. Human influences that could affect measurement results are virtually eliminated. Measurements can be performed clockwise and counter-clockwise, with convenient operation via buttons. A comprehensive 18-piece calibration accessory set is included.



perfectControl®

MADE IN CRONENBERG
MADE IN GERMANY

Pure Precision.
Measurement without any shift in the point of force application, a precisely mounted spindle, a finely tuned motor, and perfectly aligned square drives of the transducers ensure accurate results.

Versatile Application.
With the motorised perfectControl® 7794-2, both clicking and indicating torque wrenches can be calibrated and adjusted particularly quickly and conveniently. For high torque ranges up to 1,000 N·m, the optional 7791-1 extension can be mounted easily.

Easy Documentation.
After calibration, conformity certificates or calibration reports can be printed, saved or exported as PDFs using the TorkMaster calibration software.

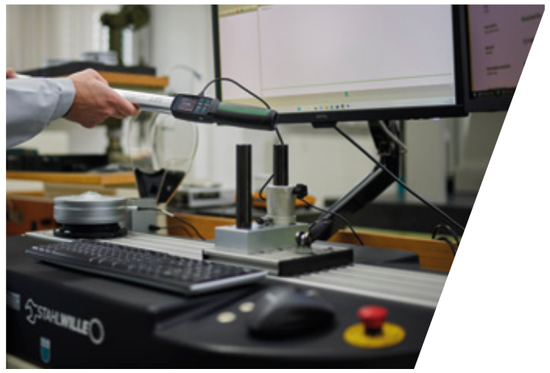
Models

7794-2



7794-2 Sets





— The 7794-2 calibration unit is also available as **two pre-configured sets** – either with **three** or **four transducers**, including an extension for the 1 – 1,000 N·m range.

— Upgradeable to the perfectControl® 7794-3 calibration unit to enable **angle of rotation calibrations** as well.

More information at
www.stahlwille.com

3 Versions | **1 – 1,000 N·m**

7794-3

The perfectControl® 7794-3 is an automatic, motorised calibration unit that enables calibrations and adjustments of torque and angle-controlled torque wrenches in the measurement range from 1 – 400 N·m. Its design corresponds to the perfectControl® 7794-2, but is also suitable for calibrating angle-controlled torque wrenches. STAHLWILLE torque and angle-controlled torque wrenches are calibrated automatically via a separate interface.

perfectControl®



MADE IN CRONENBERG
MADE IN GERMANY

Perfectly Precise.
A precisely mounted spindle, a finely tuned motor, and perfectly aligned square drives of the transducers ensure optimal results – for both clicking or indicating torque wrenches, as well as angle-controlled torque wrenches.

Functional Design.
A motorised height adjustment allows individual adaptation of the working height, ensuring excellent ergonomics. Calibrations up to 1 – 1,000 N·m are possible with the easily mountable extension No. 7791-1 and the mounting angle set No. 7791-4.

Special Advantage.
Electronic STAHLWILLE torque and angle-controlled torque wrenches can even be calibrated automatically via a separate interface.

Model

7794-3





— Motor with **automatic** speed adjustment.

— Calibration unit rotates **270 degrees**.

— Measurements possible **clockwise** and **counter-clockwise**.

— Almost **intuitive operation** via buttons.

More information at
www.stahlwille.com

1 Version | **1 – 1,000 N·m**

MANUTORK® 7791/7792

The MANUTORK® 7791/7792 is a mechanical calibration unit driven by a handwheel, enabling calibration and adjustment of torque wrenches in the measurement range from 1 – 400 N·m. Thanks to its modular design, the calibration unit can be expanded at any time with additional components, such as an attachment for calibrating and adjusting torque screwdrivers. With the corresponding extensions, torque wrenches up to 1,000 N·m (7791) or up to 3,000 N·m (7792) can also be calibrated and adjusted.





MADE IN CRONENBERG
MADE IN GERMANY

Efficient Operation.
The MANUTORK® 7791/7792 features a special force transmission system that prevents any shift in the point of force application during calibration, protecting against measurement errors.

True Precision.
The MANUTORK® 7791/7792 is operated via an ergonomic handwheel. A precisely mounted spindle ensures linear lever movement, with minimal lateral forces acting on the transducer. In addition, the torque wrench rests friction-free on two ball bearings for optimal horizontal alignment.

Flexible Application.
Interchangeable transducers allow quick adaptation of the calibration unit to the tool being calibrated or adjusted. They provide precise detection and ensure optimal digital recording of measurement results.

Models

7791



7792



7791-2
Appendix 1 Implementation







7791-2
Handwheel Attachment for Torque Screwdrivers
The No. 7791-2 handwheel attachment expands the capabilities of the No. 7791 Manual Calibration System, enabling the precise calibration of torque screwdrivers. During the calibration process, the torque screwdriver is mounted in the transducer and securely positioned using universal centring clamps. The handwheel allows torque to be applied smoothly and in a highly controlled manner, ensuring accurate and repeatable calibration results while providing maximum operator control throughout the procedure.

More information at
www.stahlwille.com

2 Versions | **1 – 3,000 N·m**

7706

With the manual calibration unit 7706, both torque wrenches and torque screwdrivers can be adjusted and calibrated across an exceptionally wide torque range from 1 to 3,000 N·m, depending on the transducer used. Its patented design ensures ergonomic operation, prevents measurement errors, and guarantees precise results. The unit also comes with comprehensive equipment, including transducers, square drive adaptors, calibration certificate management software, and more.



Uncompromised results.
A special force transmission system ensures linear actuation without force offset. Lateral forces and friction are significantly reduced. Operation is carried out via an ergonomically designed handwheel.

Seamless interaction.
Thanks to the integrated USB interface, all measurement data can be easily transferred to a PC, processed and documented using management software. Calibration certificates can thus be issued quickly and efficiently.

Preconfigured solutions.
The 7706 calibration unit is available in four preconfigured sets, each covering different measurement ranges.

Model

7706



More information at
www.stahlwille.com

4 Versions | **1 – 3,000 N·m**

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7790

With the manual calibration unit 7790, both clicking and indicating torque screwdrivers can be calibrated in the measurement range up to 10 N·m. The torque screwdriver to be calibrated is inserted into the square drive of the transducer and securely fixed using the universal centering clamp. The required force is then applied in a controlled manner via the handwheel.



Maximum Flexibility.
The 7790 calibration unit impresses with its versatility: effortlessly attaches to the mechanical STAHLWILLE calibration unit 7792 for seamless integration. At the same time, it can also be used as a fully independent stand-alone solution.

Wide Applications.
Torque screwdrivers with handle widths from Ø20 mm to Ø38 mm can be securely clamped and precisely calibrated. Different handle shapes and sizes are reliably centered, while the easy-to-use height adjustment allows for the straightforward calibration of screwdrivers of various lengths.

Certification Options.
Two transducers are available for torque screwdriver calibration – depending on requirements and the type of certification needed: the 7728-1S transducer with DAkkS calibration certificate for the 1–10 N·m range, and the 7721 transducer with factory calibration certificate for the 0.2–10 N·m range.

Model

7790



More information at
www.stahlwille.com

1 Version | **up to 10 N·m**

MADE IN CRONENBERG
MADE IN GERMANY

TORKMASTER SOFTWARE

The TorkMaster calibration software enables fast and efficient calibration of torque wrenches and screwdrivers according to DIN EN ISO 6789, with minimal effort for the user. Torque curves and measured trigger values are displayed graphically, and calibration certificates can be printed, saved or exported as PDFs. A separate calibration history can be maintained for each tool. In addition to calibration, an optional tool-specific machine capability study (MCS) is available for efficient validation of torque tools.



Intuitive.
TorkMaster impresses with its almost intuitive user interface. After a short familiarization period, staff can operate the software efficiently and safely.

Customisable.
Integration with a CAQ system is also possible. The calibration unit then receives all the data needed for calibration and returns the evaluated measurement results to the customer's system.

Streamlined.
In combination with the motorised perfectControl® calibration unit, even fully automatic calibrations are possible. While the automatic process runs in the background, the next tool can be prepared for calibration – optimising time use and increasing efficiency.



— TorkMaster is available for **free download** at any time via our service portal on the STAHLWILLE website.

— STAHLWILLE offers a comprehensive training program for the TorkMaster calibration software – **available either online** or **in-person**. In addition, informative webinars provide the perfect complement to the program.

More information at
www.stahlwille.com

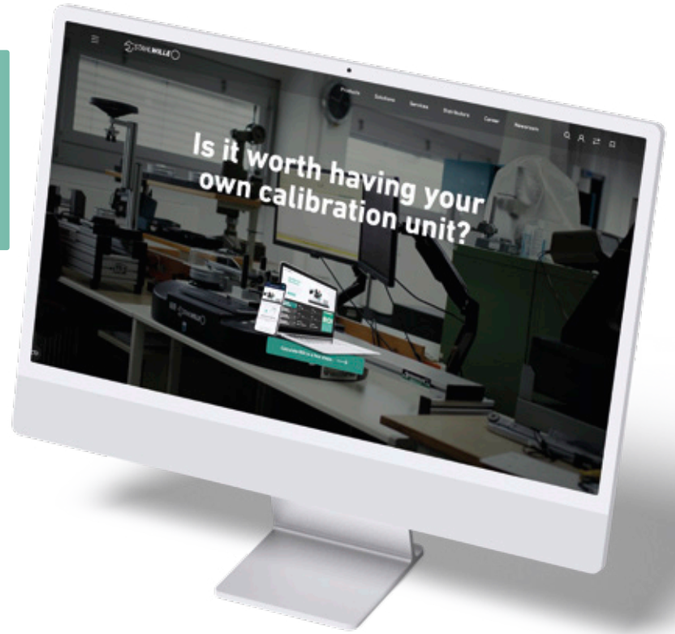
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MADE IN GERMANY

IS IT WORTH HAVING YOUR OWN CALIBRATION UNIT?
Calculate the ROI easily online.

The topic of calibration of torque wrenches is becoming ever more relevant for manufacturing companies or those involved in maintenance. After all, DIN EN ISO 9001 requires regular testing and calibration of measuring equipment as proof of capability. Furthermore, DIN EN ISO 6789 explicitly recommends an interval of no more than twelve months or 5,000 loads.

In addition to commissioning external calibration service providers, there is also the option of investing in an in-house calibration system. This usually pays off faster than you would expect. In addition to the cost aspect, companies with sufficient calibration volume also gain time, increase tool availability and reduce their administrative effort.

ROI





Calibration in-house – the advantages.

Reliable.

With a calibration system from STAHLWILLE, companies benefit from maximum process reliability, reliable quality control and maximum efficiency.

Efficient.

Your own calibration unit will unburden your team and reduce your tool downtime! The administrative effort for sending in a tool to an external calibration laboratory is also removed – saving you valuable work time.

Flexible.

With an in-house calibration laboratory, more frequent and particularly strict calibrations are no problem – and incur no extra costs. Calibrations can be planned and performed when the tool is not in use.

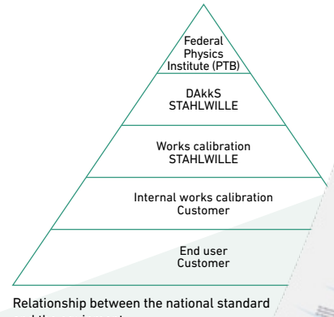


Is it worth having your own calibration system? Determine your ROI now!
qr.stahlwille.com/calibration-technology

STAHLWILLE DAKKS CALIBRATION LABORATORY –
Audited. Documented. Certified.

STAHLWILLE's DAkkS calibration laboratory for torque is accredited by the German Accreditation Service (DAkkS) in accordance with DIN EN ISO/IEC 17025:2005. The transfer torque wrenches and torque transducers in use in the calibration laboratory are subject to regular examination by the German Federal Physics Institute (PTB) in Braunschweig.

The accuracy of the torque wrenches must be proved in a series of steps and these must be traceable. Only in this way can the reliability of the readings be guaranteed. During the first stage, the end-user checks the accuracy of the torque tools in-house using suitable calibrated testing equipment. At the next stage, this test equipment is checked in STAHLWILLE's DAkkS calibrating laboratory. This accreditation by the German Calibration Service (DKD) in accordance with DIN EN ISO/IEC 17025:2005 guarantees the direct link between the measuring equipment and the national standard as laid down in DIN EN ISO 9001:2008.



Relationship between the national standard and the equipment





Conforms to standards.

The accreditation means the specific requirements listed in Technical Specification ISO/TS 16949 relating to testing laboratories are fulfilled. This is absolutely essential for all suppliers in the automotive sector.

DAPTIQ® TORQUE TECHNOLOGY –
Simply networked. Perfectly integrated.

Controlled bolt tightening is becoming increasingly important in production and maintenance. The same applies to the necessity to document bolted joints and bolting parameters. DAPTIQ® products offer the optimal solution here: They can be integrated into existing leading systems without complex programming, or can be used with the GuideMaster software developed by STAHLWILLE. In both cases, they guarantee ease of use for the worker, shorter training times, increased process quality, and the reduction of time-consuming reworking or recalls.



MANOSKOP® 766 DAPTIQ® – short training time and high process reliability.

The electromechanical angle-controlled torque wrench MANOSKOP® 766 DAPTIQ® can exchange data bidirectionally and receive and execute instructions. The interface is implemented via cabled connection, radio (ISM), Bluetooth or WLAN. The familiar feeling of a mechanical click reduces operating errors and thus the error rate. Last but not least, automatic documentation of data is made possible in conjunction with the central systems.

https://stahlwille.com/en_gb/loesungen/daptiq/9f291d6d



TORSIOTRONIC® DAPTIQ® – precision measuring technology with intuitive operation.

The electromechanical torque screwdriver TORSIOTRONIC® DAPTIQ® combines digital precision with a click you can hear and feel. It tightens both clockwise and counter-clockwise and is available in various torque ranges.

Intuitive operation enables fast configuration. Bolted joints and sequence plans are easy to define and retrieve, providing efficient work processes and a high level of process reliability.

DAPTIQ





In-house testing and calibration.

SmartCheck DAPTIQ® allows users to check their torque wrenches in-house. This makes it possible to ensure that the tools operate reliably within the specified tolerance range before starting work. The SmartCheck DAPTIQ® offers an open interface for integration, such as in CAQ systems. This can be done either wirelessly via a Bluetooth module or via the USB interface.

With perfectControl® DAPTIQ®, STAHLWILLE offers a calibration system that can calibrate torque wrenches and angle-controlled torque wrenches automatically, depending on the version. The user is guided through the entire test process by software. Electronic wrenches can be calibrated fully automatically for the most part. Once calibration is complete, the corresponding data is available to the higher-level Computer Aided Quality (CAQ) system for documentation.

EVERYTHING IN ONE PLACE. ALWAYS AVAILABLE.

The new service portal MySTAHLWILLE offers customers a wealth of options.

The MySTAHLWILLE service portal enables round-the-clock access to a variety of product and service related functions, such as product registration, software downloads, warranty and quotation requests, repair or calibration orders and much more. Everything in one place and available at any time.



Simple.

Setting up an individual customer account and registering tools in MySTAHLWILLE is quick and easy – in just a few steps. Once complete, users have access to all services in the portal.

Current.

The service portal always has the latest information on pending repair and calibration orders. Shipment and order status can be viewed here at any time.

Central.

Important information and resources can be accessed via the customer account: Delivery notes, repair reports, calibration documents as well as downloads of software, drivers and 3D product data.

SERVICE

Accredited.

We can also offer calibrations in our own DAkkS accredited laboratory, and not just for torque wrenches manufactured by STAHLWILLE.

Direct.

For each calibration or repair of a tool, a customer order can be created easily via the direct service option. The firm price for the respective services are visible immediately. Direct service is the quickest way to get your tool back in your possession.

Here's how it works:

1. Product selection and registration
2. Description of the fault
3. Service selection
4. Creation of confirmation and delivery note
5. Product shipment
6. Calibration, service and/or repair, with tracking
7. Return of serviced product



Discover the MySTAHLWILLE service portal.

Technical support can be reached quickly via MySTAHLWILLE. Experienced experts support you with all technical questions relating to your products.
service.stahlwille.com

UP TO DATE WITH STAHLWILLE – everything about events, training courses and current topics.



Training courses & webinars.

Would you like to learn more and expand your know-how in the hand tools and torque technology field? Then take advantage of our training offers or join our free webinars and benefit from our expertise.

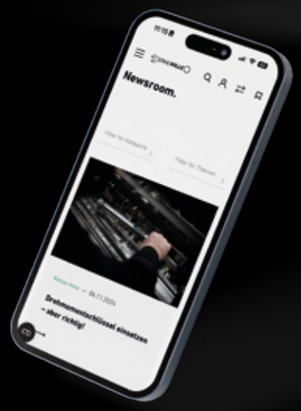
qr.stahlwille.com/training_en

Trade fairs & events.

Would you like to visit us at a trade fair to find out more about STAHLWILLE products or to get to know us in person? Then you can find all trade fair and event dates here.



qr.stahlwille.com/events_en



Newsroom.

Stay up-to-date! In our newsroom, you will find updates on new products, services and promotions as well as success stories and interesting case studies.

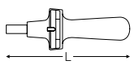
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DETAILED PRODUCT INFORMATION – product numbers and technical specifications



TORSIOMETER 760 | Torque screwdriver

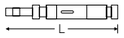




Product no.	Size	cN·m	in·lb	cN·m	mm	L mm	g
51040007	7.5	15-75	1.5-6.5	2.5	F 6.3	185	225
51040015	15	30-150	3-13	5	F 6.3	185	225
51040030	30	60-300	6-26	10	F 6.3	185	230
51040060	60	120-600	12-52	20	F 6.3	185	230

TORSIOMAX 775 | Torque screwdriver





Product no.	Size	cN·m	in·lb	cN·m	in·lb	mm	L mm	g
51060003 [1]	3	2-30	-	0.2	-	F 6.3	105	55
51060012 [2]	12	20-120	-	1	-	F 6.3	157	180
51060030 [2]	30	40-300	-	1	-	F 6.3	160	205
51060050 [2]	50	100-500	-	2.5	-	F 6.3	205	420
51060100 [3]	100	400-1000	-	5	-	F 6.3	235	630
51460003 [1]	a/3	-	0.2-3	-	0.02	F 6.3	105	55
51460012 [2]	a/12	-	2-12	-	0.1	F 6.3	157	200
51460050 [2]	a/50	-	10-50	-	0.25	F 6.3	205	440

[1] with a swivelling handle end to improve tool control; and with a clamping screw for locking the torque value once set

[2] with additional locking mechanism to prevent unintentional adjustment of the set torque

[3] with screw-on handles to reduce effort required for high torques

TORSIOTRONIC® eClick | Torque screwdriver

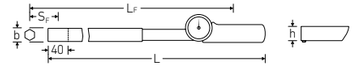


Product no.	cN·m	N·m	ft·lb	in·lb	in·oz	L mm	g
96510712	12-120	0.12-1.2	0.08-0.885	1.06-10.7	16.9-169.9	317	569
96510730	30-300	0.3-3	0.2-2.3	2.6-26.6	42-425	317	570
96510760	60-600	0.6-6	0.4-4.45	5.3-53.1	84.5-849.5	317	572
96510700	100-1000	1-10	0.7-7.3	8.8-88.5	141-1417	317	575
96511712 [1]	12-120	0.12-1.2	0.08-0.885	1.06-10.7	16.9-169.9	317	523
96511730 [1]	30-300	0.3-3	0.2-2.3	2.6-26.6	42-425	317	524
96511760 [1]	60-600	0.6-6	0.4-4.45	5.3-53.1	84.5-849.5	317	526
96511700 [1]	100-1000	1-10	0.7-7.3	8.8-88.5	141-1417	317	529

[1] version as 96510712-96510700, but without battery **(not hazardous goods)**

MANOSKOP® 71/80 | Torque wrench

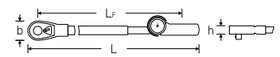




Product no.	N·m	ft·lb	N·m	ft·lb	mm	L mm	b mm	h mm	L_F mm	S_F mm	g
50030080	160-800	120-600	10	10	24.5 x 28	1048	28	24	1050	95	2300

MANOSKOP® 71aR/80 | Torque wrench

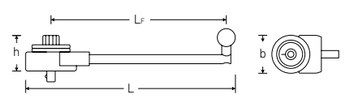




Product no.	N·m	ft·lb	N·m	ft·lb	■ "	L mm	b mm	h mm	L_F mm	g
50450080	160-800	100-600	10	10	3/4	1152	70	30	1060	4900

73Nm/15 | Friction gauge

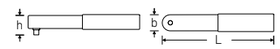




Product no.	N·m	N·m	■ "	L mm	b mm	h mm	L_F mm	g
50240015	2-15	0.5	1/2	298.5	72	50	250	676

MANOSKOP® 755R/1 | Torque wrench

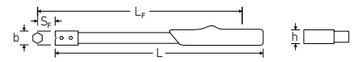




Product no.	N·m	ft·lb	■ "	L mm	b mm	h mm	g
50100001	1.5-12.5	1.0-9.0	1/4	173.5	22	18	335

MANOSKOP® 755 | Torque wrench

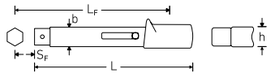




Product no.	Size	N·m	ft·lb	mm	L mm	b mm	h mm	L_F mm	S_F mm	g
50010004	4	4-40	3-30	9 x 12	201	22	18	172	17.5	500
50010010	10	20-100	15-74	9 x 12	318	28	24	289	17.5	635
50010020	20	40-200	30-147	14 x 18	457	28	24	435	25	1045
50010030	30	60-300	40-220	14 x 18	609	28	24	587	25	1210

MANOSKOP® 730 Quick | Torque wrench

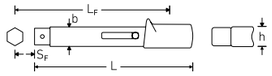




Product no.	Size	N·m	N·m	mm	L mm	b mm	h mm	L_F mm	S_F mm	g
50184001	2-1	2-10	0.25	9 x 12	179	27.5	23.6	157.2	17.5	315
50184002	2	4-20	0.5	9 x 12	179	27.5	23.6	157.2	17.5	315
50184004	4	8-40	1	9 x 12	223	27.5	23.6	200.8	17.5	395

MANOSKOP® 730a Quick | Torque wrench

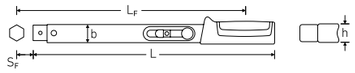




Product no.	Size	in·lb	in·lb	mm	L mm	b mm	h mm	L_F mm	S_F mm	g
50584001	a/2-1	17.5-87.5	2.5	9 x 12	179	27.5	23.6	157.2	17.5	315
50584002	a/2	30-175	5	9 x 12	179	27.5	23.6	157.2	17.5	315
50584004	a/4	70-350	10	9 x 12	223	27.5	23.6	200.8	17.5	395

MANOSKOP® 730 Quick | Torque wrench





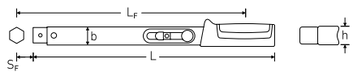
Product no.	Size	N·m	ft·lb	N·m	ft·lb	mm	L mm	b mm	h mm	L_F mm	S_F mm	g
50184005	5	6-50	5-36	2	1	9 x 12	315	28	23	288	17.5	780
50184010	10	20-100	15-72.5	2.5	2.5	9 x 12	370	28	23	343	17.5	936
50184012	12	25-130	20-95	2.5	2.5	14 x 18	410	28	23	390	25	1074
50184020	20	40-200	30-145	5	5	14 x 18	455	28	23	435	25	1310
50184030	30	60-300	50-220	10	10	14 x 18	520	28	23	500	25	1400
50184040	40	80-400	60-300	10	10	14 x 18	590	28	23	570	25	1540
50184065 [1] [2]	65	130-650	100-480	20	20	14 x 18	875	30.6	25.6	855	25	3192
50184565 [1] [2]	II/65	130-650	100-480	20	20	22 x 28	897	30.6	25.6	907	55	4104

[1] recommended ratchet insert tool No. 735/40HD

[2] supplied in textile bag

MANOSKOP® 730a Quick | Torque wrench

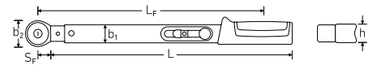




Product no.	Size	N·m	in·lb	N·m	in·lb	mm	L mm	b mm	h mm	L_F mm	S_F mm	g
50584005	a/5	6-50	50-440	2	10	9 x 12	315	28	23	288	17.5	780
50584010	a/10	20-100	180-880	2.5	20	9 x 12	370	28	23	343	17.5	934
50584012	a/12	25-130	225-1150	2.5	25	14 x 18	410	28	23	390	25	1076
50584020	a/20	40-200	350-1750	5	50	14 x 18	455	28	23	435	25	1216

MANOSKOP® 730R Quick | Torque wrench

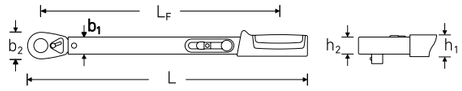




Product no.	Size	N·m	ft·lb	N·m	■ "	mm	L mm	b_1 mm	b_2 mm	h mm	L_F mm	S_F mm	g
96501054	2-1	2-10	-	0.5	1/4	9 x 12	250	60	22	55	157.2	17.5	480
96504002	2	4-20	-	0.5	3/8	9 x 12	255	55	33	55	157.2	17.5	455
96504004	4	8-40	-	1	3/8	9 x 12	285	55	33	55	200.8	17.5	642
96504005	5	6-50	5-36	2	3/8	9 x 12	380	50	33	50	288	17.5	994
96504010	10	20-100	15-72.5	2.5	1/2	9 x 12	430	55	33	55	343	17.5	1190
96504012	12	25-130	20-95	2.5	1/2	14 x 18	475	52	43	52	390	25	1488
96504020	20	40-200	30-145	5	1/2	14 x 18	530	55	43	55	435	25	1626
96504030	30	60-300	50-220	10	1/2	14 x 18	590	50	43	50	500	25	1400
96504040	40	80-400	60-300	10	3/4	14 x 18	675	72	50	63	570	25	2694

MANOSKOP® 721 Quick | Torque wrench



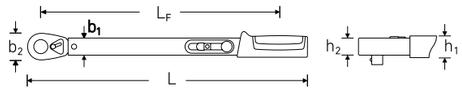


Product no.	Size	N·m	ft·lb	N·m	ft·lb	■ "	L mm	b_1 mm	b_2 mm	h_1 mm	h_2 mm	L_F mm	Number of teeth	g
50204005	5	6-50	5-36	2	1	3/8	352	28	27.5	23	14.5	293	30	880
50204015	15	30-150	25-110	5	5	1/2	452	28	41	23	18	387	36	1282
50204020	20	40-200	30-145	5	5	1/2	483	28	41	23	18	418	36	1349
50204030 [1]	30	60-300	50-220	10	10	1/2	553	28	44	23	27.5	486	36	1646

[1] size 30 with push through square drive for counter-clockwise tightening (for replacement square drive see www.stahlwille.com)

MANOSKOP® 721QR Quick | Torque wrench

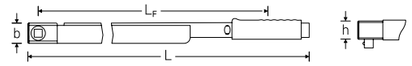




Product no.	Size	N·m	ft·lb	N·m	ft·lb	■ "	L mm	b_1 mm	b_2 mm	h_1 mm	h_2 mm	L_F mm	g
50204115	15	30-150	25-110	5	5	1/2	452.5	28	41	23	18	387	1268
50204120	20	40-200	30-145	5	5	1/2	482	28	41	23	18	416.5	1338

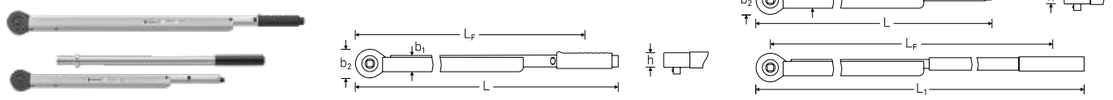
MANOSKOP® 720Nf/80 | Torque wrench





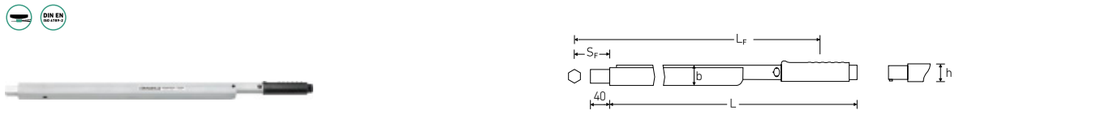
Product no.	N·m	ft·lb	N·m	ft·lb	■ "	L mm	b mm	h mm	L_F mm	g
50190081	160-800	120-600	20	20	3/4	1034	45	42	938	5650

MANOSKOP® 721Nf | Torque wrench



Product no.	Size	N·m	ft·lb	N·m	ft·lb	■ "	L mm	L_1	b_1 mm	b_2 mm	h mm	L_F mm	g
50200081	80	160-800	120-600	20	20	3/4	1050.5	-	46.5	76	42	938	6380
96502001	100	200-1000	150-725	25	25	3/4	820	1503.5	46.5	76	42	1365.5	7010

730/80 | Torque wrench



Product no.	N·m	ft·lb	N·m	ft·lb	■ mm	L mm	b mm	h mm	L_F mm	S_F mm	g
50180080	160-800	120-600	20	20	24.5 x 28	970	46	43	990	95	4925

721/30Q 18" HD and 730/20Q 14" HD | Pipe wrench torque wrench



Product no.	Model	Measuring range N·m	L mm	W mm	H mm	g
50184102	721/30Q 18" HD	180; 220; 270; 300; 350	730	90	90	4100
50184101	730/20Q 14" HD	40; 80; 120; 150; 180; 220; 270	680	75	65	2500

MANOSKOP® 730N | Torque wrench



Product no.	Size	N·m	in·lb	N·m	in·lb	fine scale	mm	L mm	b mm	h mm	L_F mm	S_F mm	g
50181102	2	4-20	40-180	1	10	0.2 N·m	9 x 12	275	28	23	226	17.5	737

MANOSKOP® 730N | Torque wrench



Product no.	Size	N·m	ft·lb	N·m	ft·lb	fine scale	mm	L mm	b mm	h mm	L_F mm	S_F mm	g
50181005	5	10-50	7-37	5	1	0.25 N·m	9 x 12	330	28	23	280.5	17.5	831
50181010	10	20-100	15-75	10	2.5	0.5 N·m	9 x 12	386	28	23	336	17.5	988
50181012	12	25-130	20-95	10	2.5	0.5 N·m	14 x 18	421	28	23	379	25	1128
50181020	20	40-200	30-150	10	5	1 N·m	14 x 18	467	28	23	424.5	25	1264
50181040	40	80-400	60-300	20	10	2 N·m	14 x 18	607	28	23	564.5	25	1655
50181065 *	65	130-650	100-480	50	20	2.5 N·m	14 x 18	890	30.6	25.6	848	25	3231
50181365	II/65	130-650	100-480	50	20	2.5 N·m	22 x 28	911	30.6	25.6	900	55	3504
50181080	80	160-800	120-600	100	25	5 N·m	22 x 28	1178	30.6	25.6	1167	55	4825
50181100	100	200-1000	150-750	100	25	5 N·m	22 x 28	1363	30.6	25.6	1352	55	5000

* recommended ratchet insert tool No. 735/40HD

MANOSKOP® 730Na | Torque wrench



Product no.	Size	ft·lb	in·lb	in·lb	ft·lb	fine scale	mm	L mm	b mm	h mm	L_F mm	S_F mm	g
50581102	a/2	3-15	40-180	10	0.5	2 in·lb	9 x 12	275	28	23	226	17.5	737
50581005	a/5	7-37	90-450	50	1	2.5 in·lb	9 x 12	330	28	23	280.5	17.5	831
50581010	a/10	15-75	180-900	100	2.5	5 in·lb	9 x 12	386	28	23	336	17.5	988
50581020	a/20	30-150	350-1800	100	5	10 in·lb	14 x 18	467	28	23	424.5	25	1264
50581040	a/40	60-300	800-3600	100	20	2 ft·lb	14 x 18	607	28	23	564.5	25	1655

MANOSKOP® 730NR | Torque wrench



Product no.	Size	N·m	ft·lb	N·m	ft·lb	fine scale	■ "	L mm	b_1 mm	b_2 mm	h_1 mm	h_2 mm	L_F mm	g	g with box
96503105	5 FK	10-50	7-37	5	1	0.25 N·m	3/8	364	28	33	23	24	280.5	973	1763
96503110	10 FK	20-100	15-75	10	2.5	0.5 N·m	1/2	420	28	33	23	24	336.5	1146	1934
96503120	20 FK	40-200	30-150	10	5	1 N·m	1/2	513.5	28	43	23	26	425	1583	2370
96502140	40 FK	80-400	60-300	20	10	2 N·m	3/4	657	28	50	23	31.5	564.5	2122	2657
96502265	65 FK-HD	130-650	100-480	50	20	2.5 N·m	3/4	944	30.6	58	25.6	36	848	3698	6188

MANOSKOP® 730NR QR | Torque wrench



Product no.	Size	N·m	ft·lb	N·m	ft·lb	fine scale	■ "	L mm	b_1 mm	b_2 mm	h_1 mm	h_2 mm	L_F mm	g	g with box
96502105	5QR FK	10-50	7-37	5	1	0.25 N·m	3/8	372.5	28	29	23	14.5	291	961	1386
96502110	10QR FK	20-100	15-75	10	2.5	0.5 N·m	1/2	428.5	28	29	23	14.5	346.5	1129	1554
96502120	20QR FK	40-200	30-150	10	5	1 N·m	1/2	526	28	41	23	18	438.5	1589	2014

MANOSKOP® 730 Fix | Torque wrench

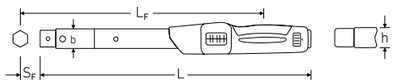


Product no.	Size	N·m	ft·lb	N·m	ft·lb	fine scale	mm	L mm	b mm	h mm	L_F mm	S_F mm	g	g with box
96503005	5	10-50	7-37	5	1	0.25 N·m	9 x 12	330	28	23	280.5	17.5	828	1632
96503010	10	20-100	15-75	10	2.5	0.5 N·m	9 x 12	386	28	23	336	17.5	986	1788
96503012	12	25-130	20-95	10	2.5	0.5 N·m	14 x 18	421	28	23	379	25	1124	1928
96503020	20	40-200	30-150	10	5	1 N·m	14 x 18	467	28	23	424.5	25	1266	1890
96503040	40	80-400	60-300	20	10	2 N·m	14 x 18	607	28	23	564.5	25	1666	2444
96503065 *	65	130-650	100-480	50	20	2.5 N·m	14 x 18	890	30.6	25.6	848	25	3242	6500
96503465	II/65	130-650	100-480	50	20	2.5 N·m	22 x 28	911	30.6	25.6	900	55	3490	7000
96503080	80	160-800	120-600	100	25	5 N·m	22 x 28	1178	30.6	25.6	1167	55	4794	10500
96503100	100	200-1000	150-750	100	25	5 N·m	22 x 28	1363	30.6	25.6	1352	55	5196	11000

* recommended ratchet insert tool No. 735/40HD

MANOSKOP® 730a Fix | Torque wrench

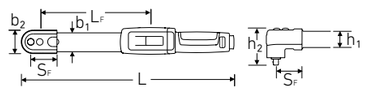




Product no.	Size	ft·lb	in·lb	in·lb	ft·lb	fine scale	mm	L mm	b mm	h mm	L_F mm	S_F mm	g	g with box
96583005	a/5	7-37	90-450	50	1	2.5 in·lb	9 x 12	330	28	23	280.5	17.5	832	1638
96583010	a/10	15-75	180-900	100	2.5	5 in·lb	9 x 12	386	28	23	336	17.5	988	1790
96583020	a/20	30-150	350-1800	100	5	10 in·lb	14 x 18	467	28	23	424.5	25	1066	2072
96583040	a/40	60-300	800-3600	100	20	2 ft·lb	14 x 18	607	28	23	564.5	25	1670	2614

MANOSKOP® 730R VDE | VDE torque wrench

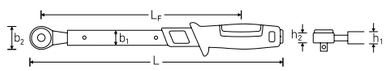




Product no.	Size	N·m	ft·lb	in·lb	N·m	ft·lb	in·lb	Fine scale	L mm	b1 mm	b2 mm	h1 mm	h2 mm	L_F mm	S_F mm	g
96550125	2,5	4-25	-	40-220	2	-	10	0,2 N·m	337	35	45	30	56	253,5	28	1190
96550150	5	10-50	7-37	-	5	1	-	0,25 N·m	391,5	35	45	30	56	308,5	28	1370

750NR | Torque wrench

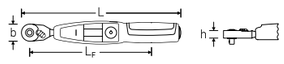




Product no.	N·m	ft·lb	N·m	ft·lb	fine scale	"	L mm	b_1 mm	b_2 mm	h_1 mm	h_2 mm	L_F mm	g	g with box
50021003	20-100	15-74	5	10	0.25 N·m	3/8	443	28	35	23	14	348	1150	
50021004	40-200	30-150	10	20	0.5 N·m	1/2	526.7	28	43	23	16	464	1460	
50021006	80-400	60-300	20	40	1 N·m	3/4	678.7	28	58	23	24	574.3	2550	

SENSOTORK® 701/2 | Torque wrench



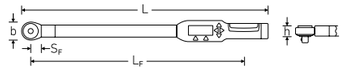


Product no.	cN·m	N·m	in·lb	ft·lb	"	L mm	b mm	h mm	L_F mm	g	g with box
96504502	100-2000	1-20	9-180	0.7-15	1/4	210	22.6	10	160	145	710
96504602 *	100-2000	1-20	9-180	0.7-15	1/4	210	22.6	10	160	132	700

* version as 96504502, but without battery **(not hazardous goods)**

SENSOTORK® 713R | Torque wrench

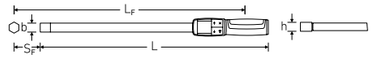




Product no.	Size	N·m	ft·lb	"	mm	L mm	b mm	h mm	L_F mm	S_F mm	Number of teeth	g	g with box
96501606	6	3-60	2.5-44	3/8	9 x 12	378	33	24	299	17.5	60	856	1500
96501620	20	10-200	7-148	1/2	14 x 18	608	43	26	524	25	60	1552	2430
96501640	40	20-400	15-296	3/4	14 x 18	838	50	31.5	750	25	60	2332	5555

MANOSKOP® 730D eClick | Torque wrench





Product no.	Size	N·m	ft·lb	in·lb	Setting/Indicating display resolution N·m	ft·lb	in·lb	mm	L mm	b mm	h mm	L_F mm	S_F mm	g	g with box
96501401	1	1-10	0.7-7.5	9-90	0.1/0.01	0.1/0.01	0.1/0.1	9 x 12	226	28	23	188	17.5	370	795
96501402	2	2-20	1.5-15	18-180	0.1/0.01	0.1/0.01	0.1/0.1	9 x 12	226	28	23	188	17.5	380	805
96501404	4	4-40	3-30	36-360	0.1/0.01	0.1/0.01	0.1/0.1	9 x 12	252	28	23	214	17.5	420	845
96501406	6	6-60	4.5-45	54-540	0.1/0.01	0.1/0.01	0.1/0.1	9 x 12	393	28	23	355	17.5	810	1235
96501410	10	10-100	7.4-75	90-900	0.2/0.1	0.2/0.01	1/0.1	9 x 12	466	28	23	428	17.5	1085	1655
96501420	20	20-200	15-150	180-1800	0.5/0.1	0.5/0.1	5/1.0	14 x 18	547	28	23	516	25	1361	1896
96501440	40	40-400	30-300	360-3600	1.0/0.1	1.0/0.1	10/1.0	14 x 18	687	28	23	656	25	1765	5155
96501465	65	65-650	48-480	580-5800	1.0/0.1	1.0/0.1	10/1.0	22 x 28	890	30.6	25.6	890	55	3222	7000
96501480	80	80-800	60-600	720-7200	1.0/0.1	1.0/0.1	10/1.0	22 x 28	1158	30.6	25.6	1158	55	4572	10400
96501500	100	100-1000	74-750	900-9000	1.0/0.1	1.0/0.1	10/1.0	22 x 28	1343	30.6	25.6	1343	55	4990	10500

MANOSKOP® 730DR eClick | Torque wrench



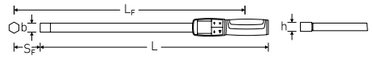
Product no.	Size	N·m	ft·lb	in·lb	Setting/Indicating display resolution N·m	ft·lb	in·lb	■ "	mm	L mm	b mm	h mm	Number of teeth	g	g with box
96501201	1	1-10	0.7-7.5	9-90	0.1/0.01	0.1/0.01	0.1/0.1	1/4	9 x 12	269	80	70	22	432	857
96501202	2	2-20	1.5-15	18-180	0.1/0.01	0.1/0.01	0.1/0.1	1/4	9 x 12	269	80	70	22	442	867
96501204	4	4-40	3-30	36-360	0.1/0.01	0.1/0.01	0.1/0.1	1/4	9 x 12	295	80	70	22	482	907
96501206	6	6-60	4.5-45	54-540	0.1/0.01	0.1/0.01	0.1/0.1	3/8	9 x 12	427	80	70	60	965	1390
96501210	10	10-100	7.4-75	90-900	0.2/0.1	0.2/0.1	2/1.0	1/2	9 x 12	500	80	70	60	1232	1657
96501220	20	20-200	15-150	180-1800	0.5/0.1	0.5/0.1	5/1.0	1/2	14 x 18	594	80	70	60	1663	2198
96501240	40	40-400	30-300	360-3600	1.0/0.1	1.0/0.1	10/1.0	3/4	14 x 18	737	95	68	60	2275	5665
96501265	65	65-650	48-480	580-5800	1.0/0.1	1.0/0.1	10/1.0	3/4	22 x 28	980	125	95	60	5137	9000
96501280	80	80-800	60-600	720-7200	1.0/0.1	1.0/0.1	10/1.0	3/4	22 x 28	1160	30.6	25.6	30	6487	12300
96501300	100	100-1000	71-735	885-8850	1.0/0.1	1.0/0.1	10/1.0	3/4	22 x 28	1438	130	100	30	6905	12500

MANOSKOP® 714 eClick | Torque and angle wrench



714/2 eClick





714/80 eClick

Product no.	Size	N·m	ft·lb	in·lb	mm	L mm	b mm	h mm	L_F mm	S_F mm	g	g with box
96500901	1	1-10	0.7-7.5	9-90	9 x 12	226	28	23	188	17.5	370	795
96500902	2	2-20	1.5-15	18-180	9 x 12	226	28	23	188	17.5	380	805
96500904	4	4-40	3-30	36-360	9 x 12	252	28	23	214	17.5	420	845
96500906	6	6-60	4.5-45	54-540	9 x 12	393	28	23	355	17.5	810	1235
96500910	10	10-100	7.4-75	90-900	9 x 12	466	28	23	428	17.5	1085	1655
96500920	20	20-200	15-150	180-1800	14 x 18	547	28	23	516	25	1361	1896
96500940	40	40-400	30-300	360-3600	14 x 18	687	28	23	656	25	1765	5155
96500965	65	65-650	48-480	580-5800	22 x 28	890	30.6	25.6	890	55	3222	7000
96500980	80	80-800	60-600	720-7200	22 x 28	1158	30.6	25.6	1158	55	4572	10400
96500100	100	100-1000	74-750	900-9000	22 x 28	1343	30.6	25.6	1343	55	4990	10500

MANOSKOP® 714R eClick | Torque and angle wrench



Product no.	Size	■ "	N·m	ft·lb	in·lb	mm	L mm	b mm	h mm	Number of teeth	g	g with box
96501001	1	1/4	1-10	0.7-7.5	9-90	9 x 12	269	80	70	22	432	857
96501002	2	1/4	2-20	1.5-15	18-180	9 x 12	269	80	70	22	442	867
96501004	4	1/4	4-40	3-30	36-360	9 x 12	295	80	70	22	482	907
96501006	6	3/8	6-60	4.5-45	54-540	9 x 12	427	80	70	60	965	1390
96501010	10	1/2	10-100	7.4-75	90-900	9 x 12	500	80	70	60	1232	1657
96501020	20	1/2	20-200	15-150	180-1800	14 x 18	594	80	70	60	1663	2198
96501040	40	3/4	40-400	30-300	360-3600	14 x 18	737	95	68	60	2275	5665
96501065	65	3/4	65-650	48-480	580-5800	22 x 28	980	125	95	60	5137	9000
96501080	80	3/4	80-800	60-600	720-7200	22 x 28	1253	130	95	30	6487	12300
96501100	100	3/4	100-1000	73-735	885-8850	22 x 28	1438	130	100	30	6905	12500

MP100-1500 | Torque multiplier MULTIPOWER

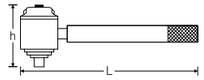


Product no.	O "	N·m [1]	ft·lb [1]	N·m [2]	ft·lb [2]	Gear ratio	Torque ratio	L mm	b mm	h mm	g	g with box
96531500	1/2	1500	1106	300	221	5.62 : 1	1 : 5	165	105	30	1890	3630

[1] output capacity max. [2] input capacity max.

MP300 | Torque multiplier MULTIPOWER



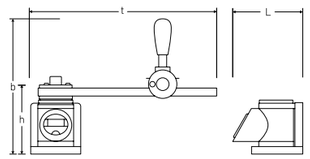


Product no.	Size	■ "	O "	N·m [1]	ft·lb [1]	N·m [2]	ft·lb [2]	Gear ratio	Torque ratio	L mm	b mm	h mm	g	g with box
53030800	800	3/4	1/2	800	590	229	169	4 : 1	1 : 3.5	215	66	85	2000	5838
53031350	1350	3/4	3/4	1350	996	375	277	4 : 1	1 : 3.6	265	90	106	3400	7500
53032000 *	2000	1	1/2	2000	1475	160	118	16 : 1	1 : 12.5	330	95	161	7000	11000
53033000 *	3000	1	3/4	3000	2212	240	177	16 : 1	1 : 12.5	330	95	161	7000	10805
53035000 *	5000	1 1/2	3/4	5000	3687	294	217	20 : 1	1 : 17.0	400	120	180	10400	14000

* with anti-backlash protection [1] output capacity max. [2] input capacity max.

SmartCheck Angle | Angle of rotation tester

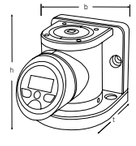




Product no.	N·m	L mm	t mm	b mm	h mm	kg
96521400	-400	263	171	452	326	11.5

SmartCheck USB | Torque tester



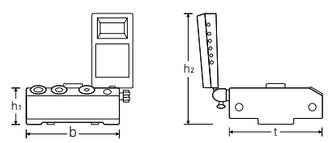


Product no.	Model	N·m	ft·lb	in·lb	O "	t mm	b mm	h mm	g	g with box
96521212 *	SmartCheck 10S USB	0,25-10	0,18-7.4	2,25-88.5	1/4	167	120	124	5210	6556
96521213	SmartCheck 10 USB	0,25-10	0,18-7.4	2,25-88.5	1/4	167	120	124	5210	6556
96521214	SmartCheck 135 USB	5-135	3,7-99,6	44,3-1195	3/8	167	120	124	5310	6656
96521209	SmartCheck 400 USB	40-400	30-295	354-3540	3/4	167	120	124	5690	7036
96521210	SmartCheck 800 USB	80-800	59-590	708-7081	3/4	167	120	124	5690	7036
96521211	SmartCheck 1500 USB	150-1500	111-1106	1328-13276	1	167	120	124	5912	7258

* for checking torque screwdrivers

7707 W | Workshop testing device SENSOTORK®





Product no.	Model	N·m	O "	t mm	b mm	h [1] mm	h [2] mm	g	g with box
96521086 [1]	7707-1-3W	0.2-10	1/4	180	180	79	215	6255	9500
96521085	7707-1-2W	0.2-10	1/4	180	180	79	215	6255	9500
96521080	7707-1W	0.4-20	1/4	180	180	79	215	6255	9500
96521072 [2]	7707-2W	2-100	3/8	180	180	79	215	7025	10300
96521083 [3]	7707-2-1W	4-200	1/2	180	180	79	215	7511	10975
96521084 [4]	7707-2-2W	8-400	3/4	180	180	79	215	7654	11100
96521082	7707-3W	25-1100	3/4	180	180	79	215	7495	11000

[1] for checking torque screwdrivers
[2] with square drive adaptor No. 409M (1/4" O x 1/2" ■)
[3] with square drive adaptor No. 7798-4 (1/4" O x 1/2" ■), No. 7789-5 (3/8" O x 1/2" ■)
[4] with square drive adaptor No. 7787 (1/4" O x 3/4" ■), No. 7788 (3/8" O x 3/4" ■), No. 7789 (1/2" O x 3/4" ■)

7794-1 | Manual calibration system

perfect control®



Product no.	Range N·m	for transducers	for torque wrenches with functional length (LF) max. mm	profile width mm	L mm	W mm	H mm	Content pcs.	kg
96521092	1-400	7728 (size 1-100)	815	180	1060	705	355	19	46.4

7794-1 Sets | Manual calibration system in a set

perfect control®



Product no.	Range N·m	L mm	W mm	H mm	Content pcs.	kg
96521076	1-400	1200	800	950	21	57.2
96521077 *	1-1000	1200	800	820	23	101.7

* includes extension **No. 7791-1**

7794-2 | Motorised calibration and adjustment system

perfect control®



Product no.	Range N·m	for transducers	for torque wrenches with functional length (LF) max. mm	profile width mm	L mm	W mm	H mm	Content pcs.	kg
96521093	1-400	7728 (size 1-100)	815	180	1060	640	328	19	51.5

7794-2 Sets | Motorised calibration and adjustment system in a set

perfect control®



Product no.	Range N·m	for transducers	for torque wrenches with functional length (LF) max. mm	profile width mm	L mm	W mm	H mm	Content pcs.	kg
96521078	1-400	7728 (size 1-100)	815	180	1200	800	820	23	71.3
96521079 *	1-1000	7728 (size 1-100)	1390	180	1200	800	950	24	76.3

* includes extension **No. 7791-1**

7794-3 | Automatic calibration and adjustment system

perfect control®



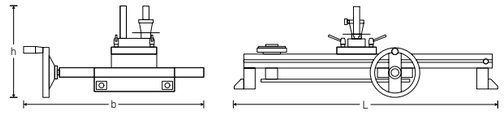
Product no.	Range N·m	for transducers	for torque wrenches with functional length (LF) max. mm	profile width mm	L mm	W mm	variable height	Content pcs.	kg
96521094	1-400	7728 (size 1-100)	815	180	1060	640	884-1134 mm	19	230

7791-4 | Mounting bracket set

Product no.	for model	Content pcs.	kg
52110491	7794-3	21	1.5

MANUTORK® 7791 | Manual calibration system





Product no.	Range N·m	for transducers	for torque wrenches with functional length (LF) max. mm	profile width mm	L mm	W mm	H mm	kg
52110091	up to 400	size 1-100	815	180	1069	704	323	44.8

7791-1 | Extension unit



Product no.	for model	Range N·m	for torque wrenches with functional length (LF) max. mm	profile width mm	L mm	W mm	H mm	kg
52110191	7791; 7794-1; 7794-2	up to 1000	1390	180	673	308	135	7.97

MANUTORK® 7792 | Mechanical calibration system



Product no.	Range N·m	for transducers	for torque wrenches with functional length (LF) max. mm	profile width mm	L mm	W mm	H mm	kg
52110092	up to 1000	size 20; 100; 300	1390	270	1668.5	722	323	55.7

7792-1 | Extension unit



Product no.	for model	Range N·m	for torque wrenches with functional length (LF) max. mm	profile width mm	L mm	W mm	H mm	kg
52110192	7792	20-3000	2390	270	1073	558	135	18.5

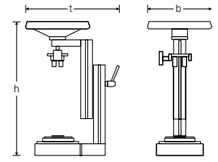
7706 | Manual calibration system



Product no.	Range N·m	L mm	W mm	H mm	kg
96521068	1-10	605	323	535	14.4
96521069	2-100	1200	800	520	67.6
96521070	2-1000	1200	800	520	75.6
96521074	20-3000	1780	690	600	110.5

7790 | Stand alone mechanical loader for torque screwdrivers





Product no.	Range N·m	for transducers	t mm	b mm	h mm	kg
58521090	up to 10	7728-1S	351	250	442-593	8.95

STAHLWILLE Eduard Wille GmbH · Lindenallee 27 · 42349 Wuppertal · Germany
Tel.: +49 202 4791-0 · info@stahlwille.de · www.stahlwille.com

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