




Atlas Copco



4210 4480 15
MAX 4100 Nm
Atlas Copco
SE 108 23 S&G:1421
Made in Sweden

The torque force

High-torque tightening solutions
and hydraulic bolt tensioners

SRB HA

Smart high torque battery tool

Improve your workflows for critical applications

Torque Range

- Six models: 1,300/2,400/3,400/4,000/4,500 and 6,500 Nm

IP41 Protection

- Ingress Protection

Operator Control & Feedback

- Display with 3 buttons
- Pset Selection / Quick Torque
- Easy interface for the operator

Function Button

- Customisable button / Reverse

Dual Trigger

- Both triggers need to be pressed
- Minimize risk of injury

Ergonomics

- Well balanced
- D handle for robustness and safety

Drive & performance

- Backup battery
- High performance motor
- Transducer with 5% accuracy

Battery

- 36 V smart battery

Multi-functional LED

- White spotlight for dark areas
- OK/NOK feedback for operator

Connects direct to any mobile device

- No app
- No additional software
- No wifi network needed



Atlas Copco battery tools come in three functionality levels to fit your specific requirements:



Feature / Model	Digital	Smart	Connected
Dual Trigger			
Socket Release			
Guiding LED Feedback			
Torque Transducer			
Permanent Magnet Motor			
HMI Display			
Internal wifi Server for Data Collection			
Presets (10)			
Batch Mode (10)			
Angle Monitoring			
Torque + Angle Strategy			
Torque Tolerances			
Live Data Collection			
Operator guidance and SQS Configuration			
PF8 Configuration			
Fully compatible with the Power Focus ecosystem			

Smart Connected Bolting, taking smart factory to the field.

Atlas Copco has been a preferred supplier to the global manufacturing industry for decades. We were the first company to develop and introduce smart electric tools into the factories more than 30 years ago. With our new high torque battery nutrunner range, we are applying our knowledge and experience to take the smart factory to the field.

Atlas Copco's new battery range is equipped with a torque transducer for maximum reliability. All tools have a powerful motor and a new dual trigger design, minimizing the risk of injuries to operators. We are committed to make the operation process for our customers quicker, safer and smarter.



Tensor ST Revo HA

Electric transducerized nutrunner

Smaller, lighter, faster

Conventional pneumatic or hydraulic tools face problems in terms of noise, vibration and productivity. Most of these assembly tools do not give users any feedback concerning the results of the tightening operation. As a result, these tools can lead to – unnecessary – additional investment in further tools and reworking.

Better access

The Tensor ST Revo HA (Revo HA) was designed to facilitate assembly work and reworking in confined spaces. It features a slimmer gearbox and lightweight, compact reaction bars. In addition, the Revo HA is equipped with a socket release function for rapidly releasing the tool and the reaction bar from the joint following the completion of tightening.

Higher process quality

The Revo HA is a high-torque nutrunner with integrated torque and angle transducers. With full traceability of tightening results as well as angle control and monitoring, the high-torque Tensor system guarantees perfect assembly results and bolted joints of the highest quality.

Easy control via mobile devices



Faster tightening

Our high-torque tools make tightening operations not only safer but also faster. Torque values can be set easily at the touch of a button and the display provides clear information for users, making work easier. In addition, freely programmable speeds make assembly processes significantly faster.

Safety and ergonomics

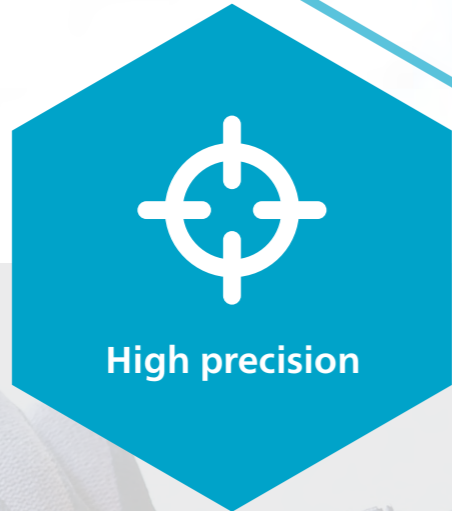
Two-handed start trigger makes it safer to operate. With the tool weight balanced out in two hands operator fatigue is reduced. The low vibration and noise level provides a much sounder and comfortable working environment. The controller case enables easy transport between stations and tasks.

Clear feedback for users



- A** The 360° swivel reaction bar offers maximum flexibility for working in a variety of applications. A wide range of lightweight reaction bars are available.
- B** The slim gear units ensure easy access to the joints to be tightened. Five models for torque values from 390 to 8,000 Nm are available.
- C** Quality: This unique nutrunner combines an assembly tool and a measurement system in a single unit. The Tensor Revo HA, which is designed for free swiveling at all times, ensures full traceability and high-quality tightening results.
- D** Two-hand starter. The Revo HA focuses on the operator. Two-hand starting ensures greater safety and better ergonomics. Good weight distribution and the freely adjustable support handle also make for easier handling.
- E** The angle of the handle can be individually adjusted.
- F** Operator feedback and parameter set selection: the Revo HA provides direct torque and angle feedback to the user. With free parameter set selection, it is ideal for a variety of applications.
- G** LED lamps give the operator instant feedback.
- H** The PowerFocus XC controller features a WiFi access point and is a mobile high performance controller for all Tensor tools.
- I** You can connect to the controller with any WiFi device, such as your mobile phone, to view tightening results and set tightening strategies.

RTP pneumatic nutrunner



Slim and powerful

It doesn't matter which sector you work in – if you need to loosen or tighten bolted joints with high torque values, our slim, lightweight RTP pneumatic nutrunner can help improve your productivity.

Easy on the operator

You will be surprised at the light weight of the RTP nutrunner. Nevertheless, its high-speed motor delivers the power you need to tighten large bolts. The reactive torque is absorbed by a sturdy, lightweight reaction bar. Noise and vibration levels are lower than with conventional impact wrenches.

Outstanding accessibility and high precision

The slim gear unit of the RTP is one of the smallest on the market, ensuring easy access to bolts in cramped conditions. RTP nutrunners feature impressively high tightening accuracy and repeatability.

Flexible and safe

Plug & play! Just connect the RTP to your air line and you can start work. It is easy to adjust the torque of an RTP nutrunner using the FRL air pressure unit, which also improves the durability and torque precision of the tool. The replaceable square drive makes maintenance easy and reduces repair costs. The optional two-hand starter makes this tool even safer for the operator.

A reliable partner for your operations team

The RTP is a practical tool, not only for flange tightening. It is well-suited for a wide variety of tasks in a large number of different sectors: oil, gas and chemicals industry, raw material extraction and processing, energy industry, etc. RTP nutrunners are also used very effectively for maintaining, repairing and overhauling construction machinery and agricultural equipment.

LMS impact wrench and ACTW torque wrench

Performance you can rely on

Atlas Copco impact wrenches are designed for reliable operation and long, trouble-free service lives under the most difficult conditions. As regards flexibility, power-to-weight ratio and reliability, our impact wrenches are the tools of choice.



Atlas Copco torque wrenches can be used either individually or as the perfect addition to impact wrenches to ensure that the correct torque value is reached.

Features

- Compact design**
- Lightweight**
- Haptic feedback**
- High accuracy**



These click-type wrenches feature high-quality ratchets which give an audible click. With five models, the series covers a torque range from 5 to 1,000 Nm. The torque wrenches reach a repeatability of $\pm 4\%$ in accordance with EN ISO 6789-1:2017.

TF and TFX hydraulic torque wrenches

The new Torcflex wrenches will surprise you.

While there have been hardly any significant developments on the market for hydraulic tools in the last 10 years, the new Torcflex product line impresses with numerous innovative new features.

Whether low profile wrenches or hydraulic wrenches with square drive - the sophisticated Torcflex solutions increase operator safety, ensure significantly shorter set-up times and boost your productivity.

Agility, speed and flexibility

No problem for Torcflex wrenches, even when working in very confined spaces.

The slim design, low weight and freely rotating and swiveling coaxial hydraulic connections make this possible.

Robust design and high-quality materials

Every single Torcflex wrench is a rock-solid construction that you can rely on at all times. High-strength aluminium and special steel minimize wear and vulnerability to repair and ensure a long service life.

TFX low profile torque wrenches

6 models for torques from 348 to 43,108 Nm

TF hydraulic torque wrenches with square drive

5 models for torques from 283 to 15,619 Nm

- 1 Freely rotating and swiveling coaxial hydraulic connection for easy connecting and highly flexible work
- 2 Monobloc aluminum housing – one-piece, stable tool body
- 3 Integrated splined torque arm for maximum safety
- 4 Ergonomic support handle with 12-position indexing for quick adjustment
- 5 Integral square drive ensures that drop hazards are avoided by the locking mechanism



Freely rotating and swiveling coaxial hydraulic connection with integrated handle for perfect positioning of the hydraulic screwdriver

Ergonomic support handle with 12-way quick adjustment

Extremely slim design with integrated drive

Freely rotatable and swiveling coaxial hydraulic connection for easy hosing and highly flexible work

The integrated connecting pin ensures a secure connection between the drive unit and the screw cassette. This patented design avoids the risk of accidental dropping

Thin housing radius for optimum accessibility

Hydraulic bolt tensioners



Topside tensioners

Our range of patented Airbac topside tensioners consist of six series for bolts with thread sizes from 3/4" to 4" and M 20 to M 100. The tools have been designed to be compatible with most flanges (ANSI B 16.5, ANSI B 16.47 series 1, MSS SP 44, API-6A and API-17 D).

We also produce individual tensioning systems tailor-made to order.

The patented Airbac piston return system can also be integrated into our tensioning systems produced to order for specific customers, allowing customers with individual applications to benefit from considerable time savings.

Safe, durable hydraulic bolt tensioners (WTB, WTS and WTF)

In close cooperation with users, our hydraulic clamping cylinders from the wind series are tailored to the requirements of the complete installation of a wind turbine as well as maintenance and repair. Difficult space conditions, the assembly of different bolt sizes with as few tools as possible, ergonomics, safety, time factors - for more than 15 years, our customized tensioning solutions have been helping to increase your productivity.

We offer the right solution for your most diverse application requirements. Our clamping cylinders are manufactured from high-quality materials for harsh working environments and a long service life. They have integrated gears and 360-degree swivel connections for optimum positioning – even in tight spaces and under load:

- **WTB** – for particularly high number of screw connections
- **WTS** – smaller and lighter, especially for the requirements of service applications
- **WTF** – for long thread protrusions



WTB



WTS



WTF

STS – The smart tensioning system

The larger a bolt, the more appropriate it is to tension this threaded connection. Hydraulic tensioning cylinders are used from around size M36, for example in foundation and tower construction in the wind energy sector. Precise hydraulic tensioning is the best way to achieve optimum connection quality and the desired tensioning force, which gives the bolted connection its secure hold.

A Smart Tensioning System (STS) is a traceable bolting solution with integrated operator guidance. The integration of "thinking" electronics makes meticulously accurate tensioning at any location child's play and ensures comprehensive process reliability. Each STS system consists of three main components that take bolt tensioning to a new level:



The intelligent tensioning tool (**Smart Tensioner – STT**) creates correct bolted joints on the first attempt. The process status display directly on the hydraulic tensioning cylinder clearly shows the operator all relevant data in real time. A lifting frame and the (optional) roller system further simplify handling for fast, safe working.



The **PFHC (Power Focus Hand Controller)** is the brains of the operation. It delivers process guidance to the operator as well as recording data and giving the operator the chance to send it to anywhere in the world. This ensures the bolt has been correctly tightened first time, and you have data to prove this.



The **Power Pack** provides the necessary power with its high-performance hydraulic pump, which is designed for uninterrupted use under load and has a durable heavy-duty motor.

Industrial Sockets, bits and more

Highest quality direct from the manufacturer



Bolted connections for final assembly in the wind industry, such as hub bolting or the bolting of rotor blades during the installation of wind turbines in the field, require special properties from the sockets. They are generally larger than in other assembly applications and the accessibility of the often very closely spaced bolting points requires small outer diameters at high torques. We support you in the selection of sockets as well as with the specification, design and manufacture of customized solutions for special bolting applications.

Atlas Copco offers a comprehensive range of accessories consisting of sockets, bits etc. for practically all tightening applications, wrench sizes and screw head profiles. They are all designed for robustness, precision and durability and are manufactured from high-quality materials to ensure high resistance and dimensional accuracy with minimum wear. The sum of these factors guarantees optimum power transmission from the tool to the bolted joint.

Several thousand standard items are available from stock, as well as special sockets for optimum occupa-

tional safety or insulated sockets for working on live components. We also offer solutions, such as socket change systems, to automate work processes. If you can't find the perfect socket in our large selection, we can also produce custom-made specials to meet your exact requirements.

Whether microscopically small or huge: our team develops individual solutions according to your specifications.

At our plant in Tierp (Sweden), we manufacture a large number of standard sockets as well as all customer-specific solutions. The high level of in-house production depth and control over all work steps, starting with material selection, CNC machining and heat treatment with subsequent surface finishing, enables strict quality assurance, shorter ways and faster production processes.

As a result, our customers benefit from an exceptionally high delivery capability with short lead times.

Flange spreaders

Our powerful mechanical and hydraulic flange spreaders make maintenance work such as the removal of flange gaskets easy. Both models allow easy transportation, feature ergonomic design and are designed for safe use.

ACMS08T – contents of kit:

- Mechanical wedge head
- 203 Nm torque wrench with 22 mm socket
- Safety block
- 2 x step blocks
- 2 x screws for step block
- Allen key
- Construction manual
- Sturdy case



ACMS08T
8434 2058 05



ACHS14T
8434 2058 06

ACHS14T – contents of kit:

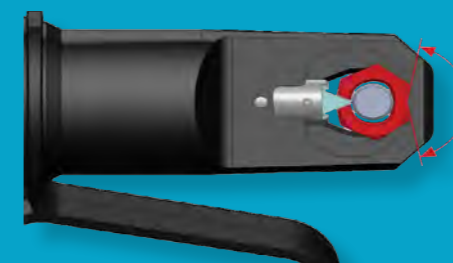
- Hydraulic wedge head
- Safety block
- 2 x step blocks
- 2 x screws for step block
- Allen key
- Construction manual
- Sturdy case

Nut splitters

The combination of a sharp cutting tip with an opposed convex reaction point makes for more effective splitting by controlled spreading of the nut. They open up the nut on the bolt instead of squeezing it. This makes it easier to turn the nut for the second separation step. The nut splitters are equipped with a cover over the blade, which can be replaced quickly and easily. The cover makes for safer working as it prevents any fragments of the nut from flying away from the bolt.



To use the nut splitter, you need a 700-bar hydraulic pump (type ACMP, ordering no. 8434 2058 04), and a suitable hydraulic hose (8434 2058 07).



Smart hydraulic pumps for torque and tension

Designed and tested to meet tough hydraulic bolting demands in Wind and Oil & Gas construction and maintenance projects. A reliable choice for continuous operations.

SP700



SP-700 pump is ideal for all hydraulic torque wrench operations which require high productivity and operator comfort.



Autocycle mode is capable of removing manual reaction time losses from each cycle with any hydraulic torque wrench.



All operations can be carried out with the remote pendant. safety alarms for low oil level, high temperatures and faulty electric supply for increased safety.

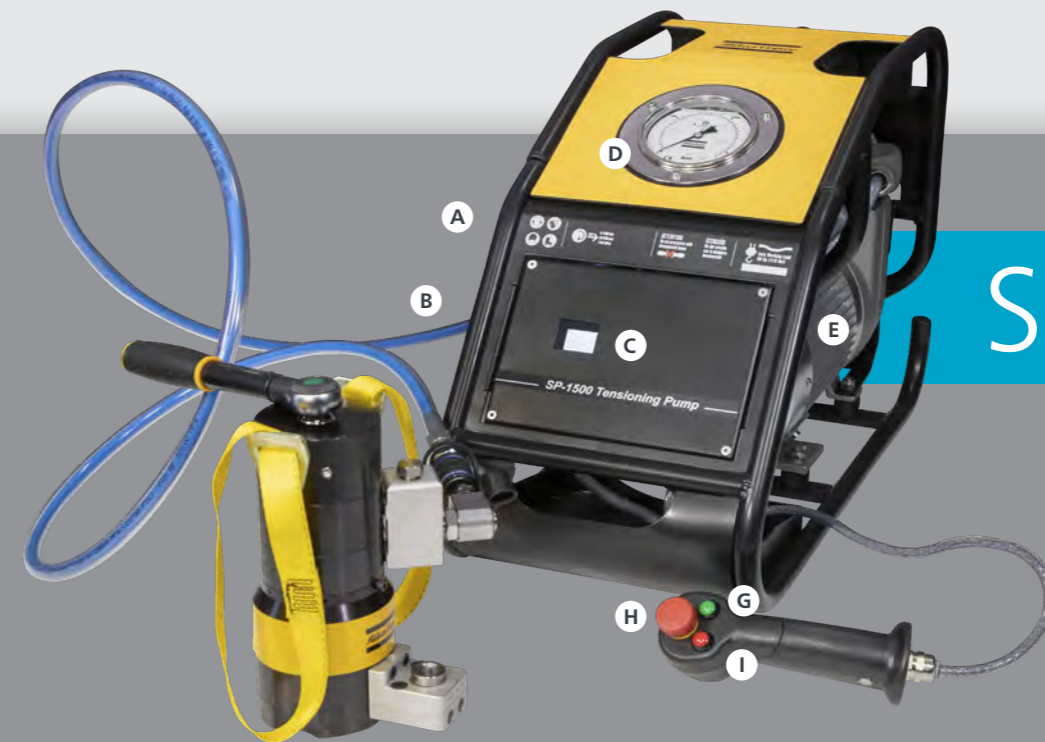


Saves energy in each cycle of hydraulic wrench operation. This is normally lost due to manual operations.

- A Circuit breaker
- B On off control on pump for safety
- C LCD display
- D Class 1 gauge with large dial for easy read
- E Gear pump & intensifier for energy saving
- G Automatic/Manual mode

- H Emergency stop switch
- I Stop and pressure release
- K Start and pressure rise
- L Carrying handle

SP1500



SP-1500 tensioning pump is a smart choice for tensioning operations with a perfect balance of speed and durability even in extreme weather conditions.



A combination of high flow gear pump and high flow intensifier delivers a uniform speed over the entire pressure range, speeding up the process.



Remote pendant operation for pressure build up and pressure release, enables operator to stay away from high pressure areas.



High performance intensifier gives a smooth energy and efficient operation, with these features in place it achieves minimum wear and tear on all components.

Suitable for working in extreme hot and cold weather conditions. Using the recommended oil as per ambient temperatures will give you uninterrupted uptime to operators, speeding the overall process.

- A Circuit breaker
- B On off control on pump for safety
- C LCD display
- D Class 1 gauge with large dial for easy read
- E Gear pump & intensifier for energy saving
- F Safe quick couplers with locking ring to prevent accidental disengagement
- G Start/Pressurise
- H Emergency stop switch
- I Stop and pressure release





SRB HA smart high torque battery tool

Model	Torque range	Speed	Weight	Square drive	Getriebe-durchmesser	Length	Ordering no., tool only	Ordering no., set with case
	Nm	min ⁻¹	kg*	in	mm	mm		
ETP SRB81-1300-20-HA	390-1300	23	4.7	3/4"	63	384	8433 2506 11	8433 2506 91
ETP SRB81-1300-20-HA-D	390-1300	23	4.7	3/4"	63	384	8433 2506 01	8433 2506 81
ETP SRB81-2400-25-HA	720-2400	11	6	1"	67	431	8433 2507 11	8433 2507 91
ETP SRB81-2400-25-HA-D	720-2400	11	6	1"	67	431	8433 2507 01	8433 2507 81
ETP SRB81-3400-25-HA	1020-3400	7	7.7	1"	82	444	8433 2500 11	8433 2500 91
ETP SRB81-3400-25-HA-D	1020-3400	7	7.7	1"	82	444	8433 2500 01	8433 2500 81
ETP SRB81-4000-25-HA	1200-4000	5	7.7	1"	82	444	8433 2508 11	8433 2508 91
ETP SRB81-4000-25-HA-D	1200-4000	5	7.7	1"	82	444	8433 2508 01	8433 2508 81
ETP SRB81-4500-38-HA	1350-4500	3.6	7.9	1.5"	82	458	8433 2509 11	8433 2509 91
ETP SRB81-4500-38-HA-D	1350-4500	3.6	7.9	1.5"	82	458	8433 2509 01	8433 2509 81
ETP SRB81-6500-38-HA	1950-6500	2.6	12	1.5"	102	493	8433 2510 11	8433 2510 91
ETP SRB81-6500-38-HA-D	1950-6500	2.6	12	1.5"	102	493	8433 2510 01	8433 2510 81

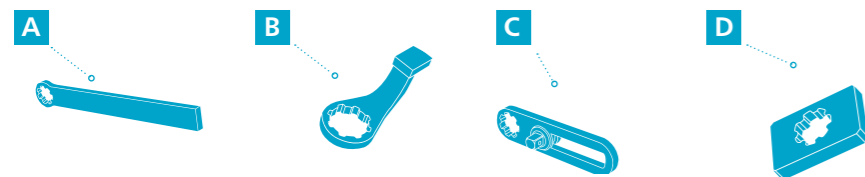
HA - D - Digital version *tool only
 HA - Smart version / Smart Connected version
 Tool kit includes tool, case, charger, 2 batteries and S-type reaction bar

SRB HA batteries and accessories

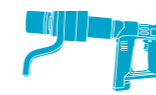
Battery/charger	Ordering no.
Lithium-ion battery, 36 V, 3.6 Ah	4211 6030 86
Multi-charger, 18-36 V	4211 6083 84
Cover, 36 V	4211 6090 36
Tool protection Length cover (included in set with tool)	4216 4271 02

Deep socket reaction bars (Can also be used with Tensor Revo-HA)	Ordering no.
Deep Socket S-bar 1300 C-C 150	4210 4480 70
Deep Socket S-bar 2400 C-C 156	4210 4480 74
Deep Socket S-bar 2400 C-C 200	4210 4481 74
Deep Socket S-bar 4500 C-C 150	4210 4480 75
Deep Socket S-bar 4500 C-C 225	4210 4480 76

Accessories	Ordering no.			
	A. Straight reaction bar	B. S-shaped reaction bar	C. Adjustable reaction bar	D. Mounting plate, rectangular
SRB HA 1300	4210 4757 90	4210 4480 90	4210 4752 90	4210 4758 90
SRB HA 2400	4210 4757 93	4210 4480 94	4210 4752 93	4210 4758 93
SRB HA 3400/4000	4210 4757 85	4210 4480 85	4210 4752 85	4210 4758 85



More about High torque battery nutrunners



Tensor ST Revo HA electric transducerized nutrunner

Tensor model	Square drive	Torque range	Speed	Weight	Length	Ordering no.
	in	Nm	min ⁻¹	kg	mm	
ETP ST101-1300-20-F-HA	3/4"	390-1300	65	6.4	348	8433 2313 03
ETP ST101-2400-25-F-HA	1"	720-2400	31	7.5	400	8433 2326 03
ETP ST101-3400-25-F-HA	1"	1020-3400	23	9.1	412	8433 2334 03
ETP ST101-4000-25-F-HA-2	1"	1200-4000	20	9.1	412	8433 2340 03
ETP ST101-5500-38-F-HA	1.5"	1650-5500	17	13.2	452	8433 2325 03
ETP ST101-6500-38-F-HA	1.5"	1950-6500	12	13.2	452	8433 2327 03
ETP ST101-8000-38-F-HA	1.5"	2400-8000	10	13.2	452	8433 2328 03

Tensor ST Revo accessories

Accessories	Ordering no.			
	A. Straight reaction bar	B. S-shaped reaction bar	C. Adjustable reaction bar	D. Mounting plate, rectangular
Revo 1300	4210 4757 90	4210 4480 90	4210 4752 90	4210 4758 90
Revo 2400	4210 4757 93	4210 4480 94	4210 4752 93	4210 4758 93
Revo 3400/4000	4210 4757 85	4210 4480 85	4210 4752 85	4210 4758 85
Revo 5500/6500/8000	4210 4757 92	4210 4480 92	4210 4752 92	4210 4758 92



Model	Length	Weight	Ordering no.
	mm	kg	
Power Focus XC incl. license	440	11,2	8436 1800 50

More about High torque cable nutrunners



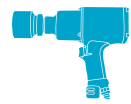
RTP nutrunner kits

Model	Bolt size	Square drive	Min. torque at 1.5 bar	Max. torque at 1.5 bar	Idle speed	Weight*	Length	Center spacing	Air consumption at idle	Hose diameter	Air inlet thread	Ordering no.	
	mm	in	Nm	Nm	min ⁻¹	kg	mm	mm	l/s	cfm	mm		in
RTP1300-HR20	20-27	3/4"	320	1300	20	3.7	248	32	23	48.7	13	3/8	8431 1013 10
RTP2600-HR25	20-36	1"	700	2600	10	5	300	34	23	48.7	13	3/8	8431 1026 10
RTP4100C-HR25	30-45	1"	1000	4100	10	7.1	318	41	31	65.5	13	3/8	8431 1041 10
RTP8100-GIR38	33-52	1.5"	2200	8100	10	13.5	444	51	50	105	13	1/2	8431 1081 10

*Weight without reaction bar

NOTE: declared sound and vibration emissions for all models in the table in accordance with ISO 28927-2 and ISO 15744. The sound pressure level for the RTP1300 HR20 is 90 dB(A), RTP2600-HR25 90 dB(A), RTP4100C-HR25 90 dB(A), RTP8100-GIR38 99 dB(A) and the vibration value for all models is <2.5 m/s².

More about Pneumatic high torque nutrunners



LMS impact wrenches with pistol grip

Model	Bolt size	Torque range	Min. torque	Max. torque	Idle speed	Weight*	Length without drive	Air consumption	Hose diameter	Air inlet thread	Socket mounting			Ordering no.
	mm	in	Nm	Nm	min ⁻¹	kg	mm	l/s	mm	in	Stift	Ring	Pin & O-Ring	
LMS18 HR13	M10	1/2"	10-110	150	8100	1.45	144	8.5	10	1/4"	•	-	-	8434 1180 00
LMS18 HR10	M10	3/8"	10-90	120	8100	1.45	148	6.5	10	1/4"	•	-	-	8434 1180 01
LMS18 HR13/F	M10	1/2"	10-110	150	8100	1.45	144	8.5	10	1/4"	-	•	-	8434 1180 02
LMS18 HR10/F	M10	3/8"	10-90	120	8100	1.45	148	6.5	10	1/4"	-	•	-	8434 1180 03
LMS28 HR13	M12	1/2"	30-210	390	9500	1.85	146	8.5	10	3/8"	•	-	-	8434 1280 00
LMS28 HR13/F	M12	1/2"	30-210	390	9500	1.85	146	8.5	10	3/8"	-	•	-	8434 1280 01
LMS38 HR13	M14-16	1/2"	40-375	850	8000	2.6	167	10	10	3/8"	•	-	-	8434 1380 00
LMS38 HR13/F	M14-16	1/2"	40-375	850	8000	2.6	167	10	10	3/8"	-	•	-	8434 1380 01
LMS48 HR20	M16-18	3/4"	100-550	1375	6500	3.3	173	12	12.5	3/8"	-	-	•	8434 1480 00
LMS58 HR25	M20-22	1"	300-800	1900	5500	4.8	210	14.5	12.5	3/8"	-	-	•	8434 1580 00
LMS58 HR20	M18-20	3/4"	300-800	1900	5500	4.8	210	14.5	12.5	3/8"	-	-	•	8434 1580 01
LMS68 HR25	M22-30	1"	600-1800	4450	5000	9.8	252	28	16	1/2"	-	-	•	8434 1680 01

*Rapid change chuck (Allen key)



More about [Impact wrenches with pistol grip](#)



LMS impact wrenches, straight

Model	Bolt size	Torque range	Min. torque	Max. torque	Idle speed	Weight ^a	Length without drive	Air consumption	Hose diameter Ø		Air inlet thread			Ordering no.
	mm	in	Nm	Nm	rpm	kg	mm	l/s	mm	in	Pin	Ring	Pin & O-Ring	
	LMS08 SR42	M22-30	1/4" ^a	7-35	60	12 500	0.85	185	5.5	6.3	1/4"	-	-	
LMS08 SR10	M22-30	3/8"	7-45	65	12 500	0.85	184	5.5	6.3	1/4"	•	-	•	8434 1081 11
LMS68 GIR25	M22-30	1"	600-1800	4450	5000	9.6	339	28	16	1/2"	-	-	•	8434 1680 00
LMS88 GIR38	M30-42	1.5"	1000-5500	10 000	3800	15.0	381	33	16	1/2"	-	-	•	8434 1880 00

^a Rapid change chuck (Allen key).

GIR = internal starter.



More about [Impact wrenches, straight](#)



ACTW torque wrenches

Model	Square drive	Torque	Precision*	Length	Weight	Ordering no.
	in	Nm		mm	kg	
ACTW05	1/4"	5-25	± 4 %	248	0.4	8434 0300 01
ACTW20	3/8"	20-100	± 4 %	408	1.2	8434 0300 02
ACTW40	1/2"	40-200	± 4 %	519	1.6	8434 0300 03
ACTW150	3/4"	150-750	± 4 %	1124	5.7	8434 0300 04
ACTW200	1"	200-1000	± 4 %	1224	6.5	8434 0300 05

*EN ISO 6789:2017



More about [Torque wrenches](#)



TF / TFX Hydraulic torque wrenches

Model	Square drive	Torque range	Weight	Ordering no.	
	in	Nm	kg	Coaxial	Twin Swivel
TF01	3/4"	283-1885	2.77 / 2.92	8434 2406 05	8434 2410 15
TF03	1"	283-1885	5.47 / 5.64	8434 2409 93	8434 2409 94
TF05	1.5"	1137-7579	9.21 / 9.38	8434 2411 16	8434 2411 17
TF08	1.5"	1627-10847	12.35 / 12.52	8434 2411 49	8434 2411 50
TF10	1.5"	2343-15619	15.87 / 16.04	8434 2415 24	8434 2415 25

Model	Ratchet Link Hex Size	Torque range	Weight	Ordering no.	
	mm	Nm	kg	Coaxial	Twin Swivel
TFX02	15-65	348-2318	1.12 / 1.31	8434 2406 68	8434 2419 75
TFX04	15-80	784-5227	1.96 / 2.14	8434 2411 47	8434 2419 75
TFX08	30-100	1658-11051	3.29 / 3.46	8434 2417 87	8434 2420 70
TFX14	32-120	2725-18168	5.1 / 5.27	8434 2424 02	8434 2424 05
TFX18	55-135	3879-25861	6.92 / 7.08	8434 2427 13	8434 2427 32
TFX30	66-155	6366-43108	11.13 / 11.3	8434 2427 33	8434 2427 34



RT Hydraulic torque wrenches

Model	Square drive	Torque range	Weight	Ordering no.
	in	Nm	kg	
RT-0.5	1/2"	75-538	0.4	8434 2010 00
RT-01	3/4"	271-1817	1.9	8434 2010 02
RT-03	1"	651-4379	3.9	8434 2010 05
RT-05	1.5"	1132-7578	7.5	8434 2010 09
RT-08	1.5"	1627-10845	11.5	8434 2010 13
RT-10	1.5"	2379-15617	13.4	8434 2010 16
RT-20	2.5"	4013-26787	18.0	8434 2010 20
RT-25	2.5"	5368-35096	31.0	8434 2010 25
RT-50	2.5"	10675-71169	48.0	8434 2010 29



More about [Hydraulic torque wrenches](#)



Hydraulic bolt tensioners



More about
[Hydraulic bolt tensioners](#)



Nut splitters

Model	Weight	For wrench sizes	Ordering no.
	kg	mm	
ACNS12	4	17.5 - 30.0	8434 2058 00
ACNS15	4.5	23.0 - 36.5	8434 2058 01
ACNS20	7	32.0 - 51.0	8434 2058 02
ACNS36	11	50.8 - 65.0	8434 2058 03
ACNS50	24.5	65.0 - 75.0	8434 2058 11



More about
[Nut splitters](#)



Flange spreaders

Model	Description	Ordering no.
ACMS08T*	Manual flange spreader with manual torque wrench	8434 2058 05
ACHS14T*	Hydraulic flange spreader	8434 2058 06

Flange spreader accessories

Model	Description	Ordering no.
ACMP700	Manual hydraulic pump	8434 2058 04
Hose kit	Single line hydraulic hose incl. couplings, 700 bar, 4 m	8434 2058 07
Manifold	3 port manifold	8434 2283 19



More about
[Flange spreaders](#)

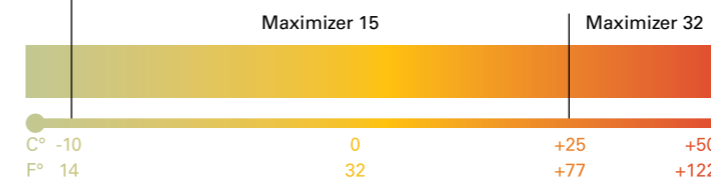
*kit contents:
 1 x Flange Spreader 2 x Screws for step blocks
 1 x Allen key 1 x Instruction manual
 1 x Safety block 1 x Polycarbonate carrying case
 2 x Step block



Pumps

SP700 hydraulic torque wrench pumps

Oil recommendations SP700



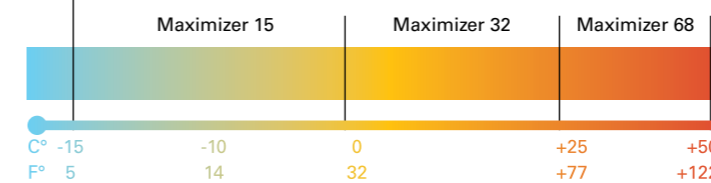
Model	Power supply			Oil flow, <150 bar	Oil flow, 150 to 1500 bar	Usable oil capacity l	Max. pressure	Weight with oil kg	Height	Width	Length	Ordering no.
	Voltage	Frequency	Current									
SP-700-230	230 V	50 Hz	10 A	6.89	1.10	1.7	700	37.5	370	278	680	8434 2040 47
SP-700-115	115 V	60 Hz	20 A	6.33	0.64	1.7	700	37.5	370	278	680	8434 2040 48
SP-700-230	230 V	60 Hz	10 A	6.89	0.86	1.7	700	37.5	370	278	680	8434 2040 52



More about
[Hydraulic torque wrench pumps](#)

SP 1500 Bolt tensioner pumps

Oil recommendations SP1500



Model	Power supply			Oil flow, <150 bar	Oil flow, 150 to 1500 bar	Usable oil capacity l	Max. pressure	Weight with oil kg	Height	Width	Length	Ordering no.
	Voltage	Frequency	Current									
SP1500-230	230 V	50 Hz	10 A	4.54	0.45	1.7	1500	40	410	275	590	8434 2203 68
SP1500-230-60	230 V	60 Hz	10 A	4.09	0.45	1.7	1500	40	410	275	590	8434 2203 67
SP1500-110	110 V	60 Hz	18 A	2.73	0.45	1.7	1500	40	410	275	590	8434 2203 66



More about
[Bolt tensioner pumps](#)



You can
request your individual offer [here](#)



Designs and specifications are subject to change without prior notice.

How we can help you

We would be very pleased to be your **strategic partner**. We cooperate with customers in all areas from preventive maintenance and repairs to entire production systems, process optimization, training and calibration. Throughout the world, more than 2,200 service technicians are at work round-the-clock in our Industrial Technique Business Area alone.

Maintenance and repair work



We repair all pneumatic, electric and hydraulic tools in our central workshop and at our customers' facilities. We can carry out preventive maintenance work on tools of all types and your entire production system, if you so wish. We can also carry out check measurements on your tightening tools or supply equipment so that you can carry out this work yourselves.



Calibration of ALL measurement equipment



Atlas Copco are a competent, experienced specialist in the fields of testing and calibration. Our core competence is in the areas of torque, angle and force measurements. Our range of services also includes the calibration of hydraulic torque wrenches with a measurement range up to 71,000 Newton-meters. With our calibration laboratories in Essen and Dingolfing, which are certified by the German accreditation body, we always guarantee the highest levels of quality and precision.



Individual training for your employees



We train employees in the appropriate handling of tools, technical and physical principles, ergonomic workplace design and current codes and standards. This way, you can make your processes more secure at the same time as becoming more productive and efficient. Our seminars and workshops on tightening and fastening systems are especially popular. Just contact us with your individual wishes. We can also develop tailor-made training to meet your requirements.



For all eventualities or just good to know! 24/7 express hire system

Always a reliable solution



TF hydraulic torque wrenches with square drive

- 5 models with 3 sizes of square drive
- For torques from 283 to 15,619 Nm
- Sockets in all sizes



TFX low profile torque wrenches

- 6 models with the largest range of hexagonal drives
- Torques from 348 to 43,108 Nm



Electric and pneumatic hydraulic pumps

Available for 115 V and 230 V with three power ratings to meet your requirements.



CTST – hydraulic bolt tensioners

For flanges to ANSI B 16.5, ANSI B16.47 series 1, MSS-SP44, API-6A, API-17 D and DIN. Working pressure up to 21,750 psi/1,500 bar.



Put our 24/7 rental express to the test and take advantage of our high torque and tensioning portfolio for your productivity.

Up to 70,000 Nm and more than 4,000 kN



Outstandingly specialized

As a single-source supplier, we offer an extremely wide range of hydraulic, pneumatic and electric tools as well as hydraulic bolt tensioners and accessories optimized for use in practice. With our high-torque tightening systems, you can solve any challenge faced in assembly with high torque values up to 70,000 Nm and tensioning forces up to 4,000 kN. We can also supply individual tailor-made solutions to meet your requirements to order. We are specialized in this approach.

For your productivity

Simply unique

On-site calibration up to 71,000 Nm: We are approved by the German Accreditation Body (DAkkS) for calibrating hydraulic wrenches in accordance with accredited measurement procedures. We can also offer on-site calibrations for up to 71,000 Nm. This means you receive all services for bolting from a single source.





Atlas Copco Tools Central Europe GmbH

Langemarckstraße 35
45141 Essen, Germany
tools.de@atlascopco.com

www.atlascopco.com

