

Smart, precision cordless high torque wrench

torcbrain® C-Serie

Comfort

- Lightweight and ergonomically balanced
- Simple operator interface
- Efficient P-set selection



Productivity

- Intuitive mating ability of the socket due to sensitive speed controller
- More bolts per charge through recuperation
- Latest battery technology
- Intelligent motor controller
- Fast BLDC motor

Security

- Rehit detection: emergency stop when detecting already tightened screws
- Integrated torque sensor
- Two-hand start (optional)

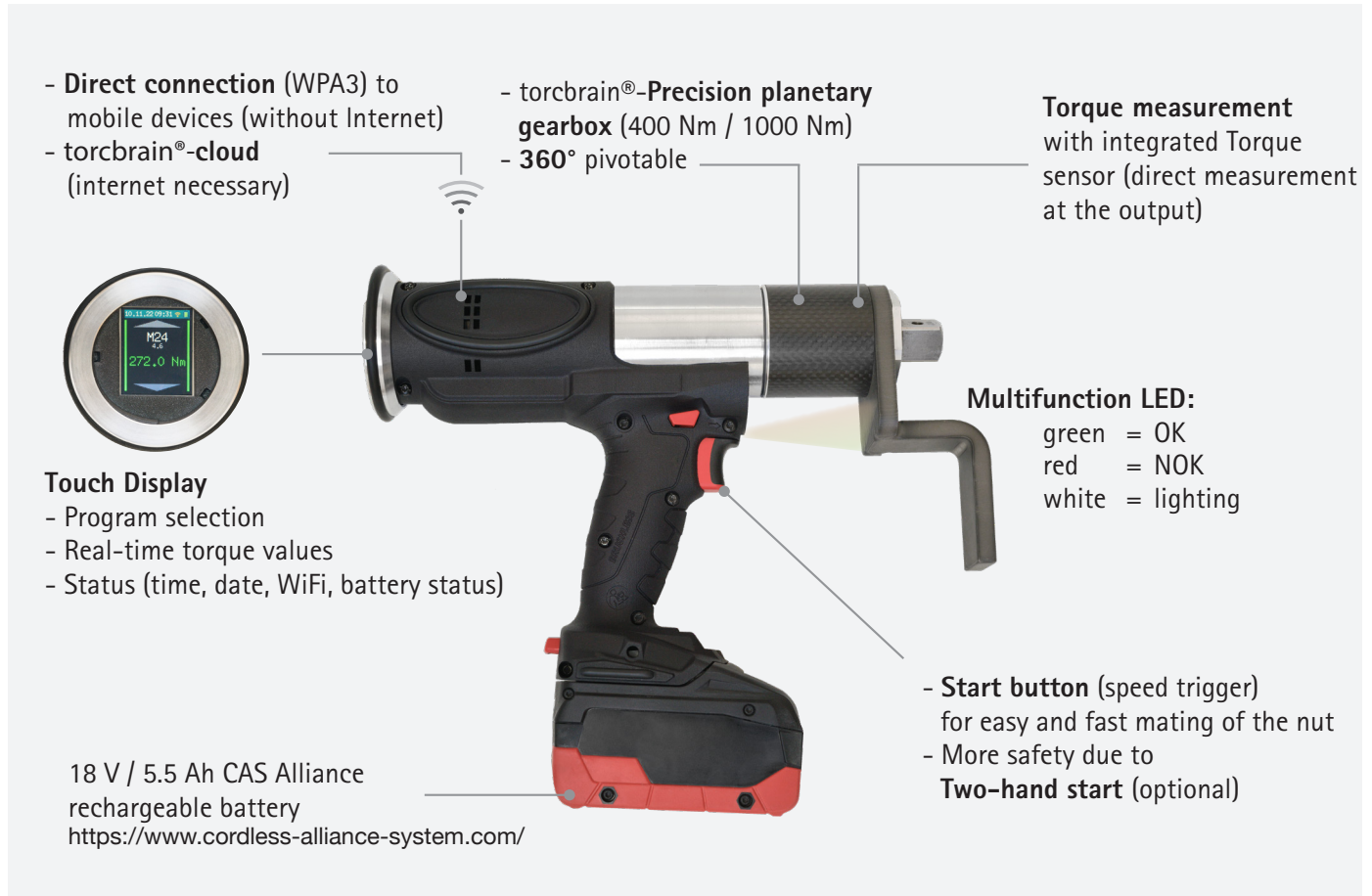
connectivity

- torcbrain®-cloud:
Administration, programming, remote support
- Direct connection to mobile devices



torcbrain® C-Serie

Smart cordless high torque wrench for your critical applications



Proven torcbrain technologies

- Bolting technology from a **single mold**: Motor controller, gearbox and software bundle
25 years of experience and comprehensive knowledge in bolting technology in one convincing product
- Universal use due to a **balanced diameter/length ratio** of the gear units.
- Outstanding efficiency, long service life and highest precision due to components mounted on **roller/needle bearings**
- Low power-to-weight ratio and best possible balance for **fatigue-free operation**
- Reliable and fast **brushless motor**

Process-safe torque wrench control

- **Direct torque measurement** with torque sensor at the output (reaction torque)
- Rotation angle can be used as a **control variable**
- **Rehit detection**: Safe detection of already tightened bolts and immediate stop to avoid overtightening.
- **Intelligent battery management** for full utilization of battery capacity
- **Continuous documentation** and evaluation of the screwdriver status and screwdriving results
- Storage of tamper-proof data in the **torque wrench and in the cloud** (2024)

Process-safe operating concept

- **Easy selection** of ready-made P-Sets for common screw connections (VDI/DIN-EN) on the torque wrench
- **Intuitive creation** of additional P-Sets on mobile devices via WiFi (without additional APP/software), no internet required
- P-Sets that are not required can be hidden for clarity
- **Password protected user roles** for different rights on the torque wrench
- **Visual feedback** (green = OK / red = error) through colored illumination of the torque wrench point after shut down

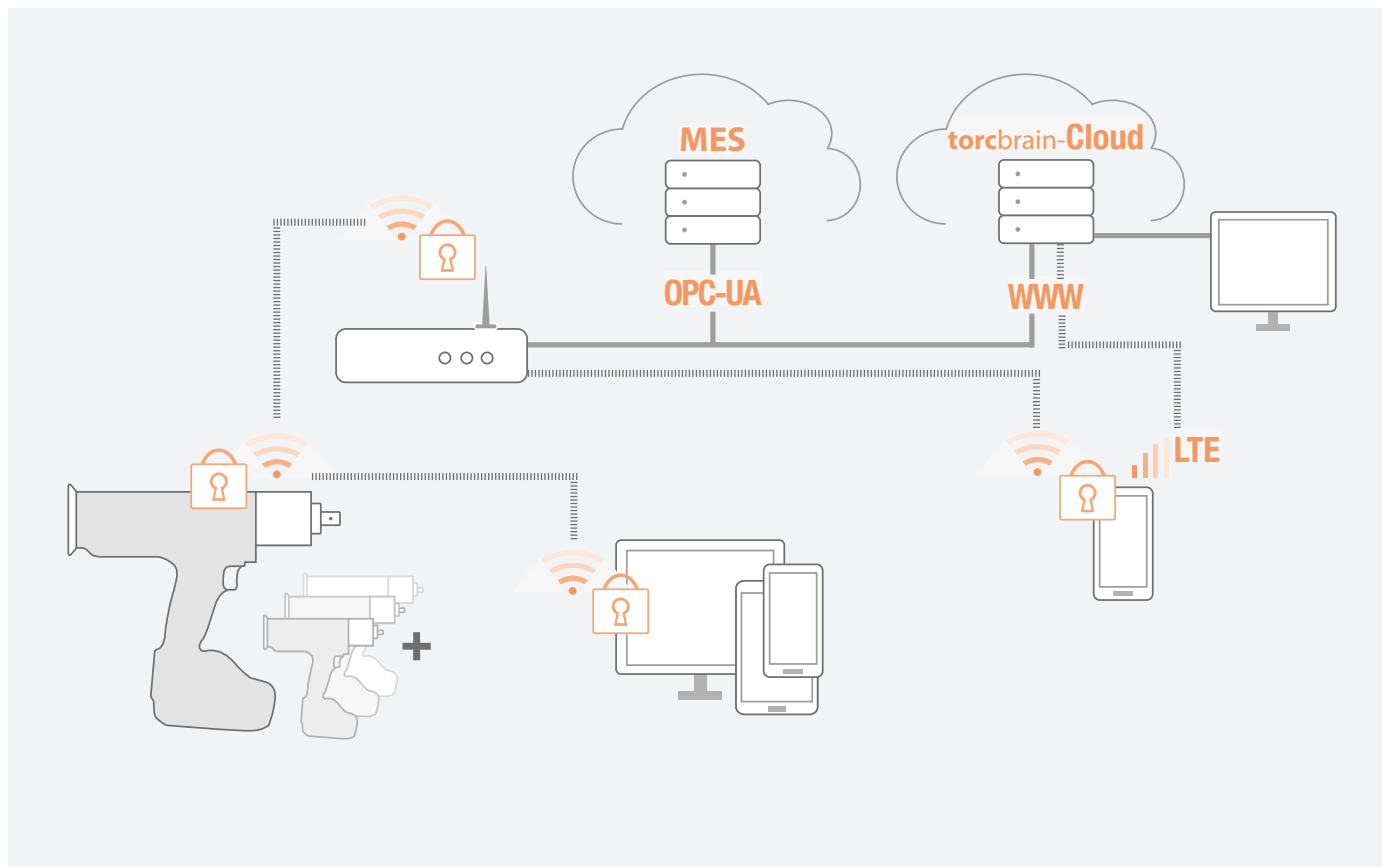
torcbrain®-cloud: The center for your torque wrench administration

- **Encrypted management** of multiple torque wrenchs in the cloud (server location: EU)
- Bolting results, achieved shut-off values, screwdriving curves and more are stored in a tamper-proof and **automatically in the nutrunner and the cloud** (option)
- **Multi-level security concept:** encrypted communication; access control by password
- Export of the screwdriving results

Best service by torcbrain®

- **Online support** and **remote on-site service** to detect problems (Internet required)
- Reliable firmware updates (according to EU directive)

Connectivity

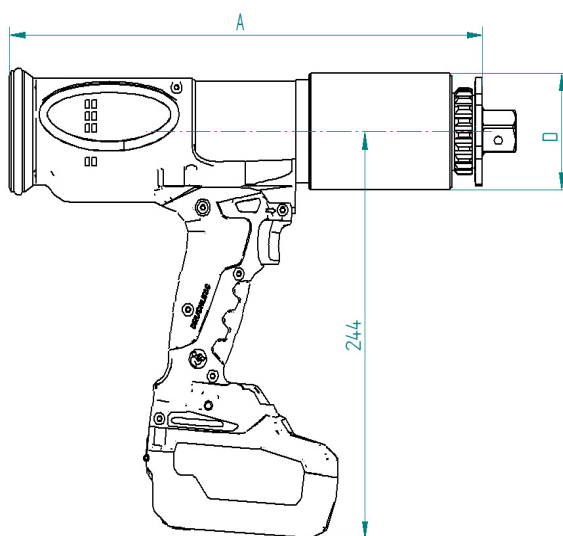


Feature / Typ	C	CD
Brushless motor	✓	✓
Touch display	✓	✓
Programmable	✓	✓
Torque / rotation angle	✓	✓
Torque sensor		✓
Current controlled torque measurement	✓	
Limits	✓	✓
Standard protocol	✓	✓
Torque/angle curves	option	✓
Two-hand start	option	option
WiFi (HTTPS/WPA3 secured)	✓	✓
torcbrain®-cloud	✓	✓

We reserve the right to change specifications without further notice

Technical data

Typ	MAX. TORQUE [Nm]	RPM [min ⁻¹]	WEIGHT (incl. battery / DMA) [kg]	SQUARE DRIVE	A [mm]	D [mm]
TB 400 C/CD	400	20	4,2	3/4"	276	60
TB 1000 C/CD	1000	7	5,3	3/4"	323	70



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