



ONBOARD FEATURES

- Virtual progress bar & buzzer for torque signaling.
- Data capture highlights all areas of over and under torque.
- Device accuracy of +/- 1% of actual value.
- Compare applied torque to configurable parameters.
- Torque Display can forewarn operator when calibration deadline is approaching.
- Languages; English, Chinese, French, German, Polish, Portuguese, Russian, Spanish.
- Units: cNm, Nm, ozins, in-lb, ft-lb, kgfcm, kgfm

MODULAR TRANSDUCER

For the larger 75-750 ft-lb wrenches reduce shipping costs & downtime by sending just the interchangeable transducer for calibration.



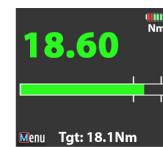
HWT750

75-750 ft-lb attachments	
3/4" ratchet	HRH34
1" ratchet	HRH01

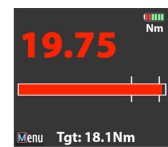


HRH01

Full Color OLED Display



Good Torque



Over Torque



10-100 ft-lb



25-250 ft-lb



75-750 ft-lb

TORQUE RANGE	ADAPTOR SIZE	RATCHET SIZE	LENGTH	WEIGHT
10-100 ft-lb	9 mm x 12 mm	3/8"	410 mm	1.87 lb
25-250 ft-lb	14 mm x 18 mm	1/2"	625 mm	2.87 lb
75-750 ft-lb	24 mm x 32 mm	3/4" or 1"	1360 mm	13.23 lb

The above wrenches are available in two series. See next page for details. Smaller wrenches are available upon request.

WRENCH OPTION 1: ONE-WAY WIRELESS SERIES (ZIGBEE)

- Connect up to 8 wrenches with one WCBR
- Wireless software interface integrated into PCFE software which is supplied as standard with every tool
- Data is securely stored on wrench to prevent data loss when out of range or working off-site
- Results can be analyzed using PCFE software with outputs such as standard deviation & C_{pk} .



PCFE No.	Device Locator	Date & Time	Torque Result	Pass/Fail	Pass/Fail	Pass/Fail
1	26	02/01/13 49	13	T	12.5	13
2	27	02/01/13 49	13	T	12.5	13
3	28	02/01/13 49	13	T	12.5	13
4	29	02/01/13 49	13	T	12.5	13
5	30	02/01/13 50	13.1	T	12.5	13
6	31	02/01/13 50	13.3	T	12.5	13
7	32	02/01/13 50	13.4	T	12.5	13
8	33	02/01/13 50	13.1	T	12.5	13
9	34	02/01/13 50	13.2	T	12.5	13
10	35	02/01/13 50	13.2	T	12.5	13
11	36	02/01/13 50	13.2	T	12.5	13
12	37	02/01/13 50	13.3	T	12.5	13
13	38	02/01/13 50	13.1	T	12.5	13
14	39	02/01/13 50	13.4	T	12.5	13
15	40	02/01/13 51	13.7	T	12.5	13
16	41	02/01/13 51	13.3	T	12.5	13
17	42	02/01/13 51	13.2	T	12.5	13
18	43	02/01/13 52	13.6	T	12.5	13

12.8 lbft

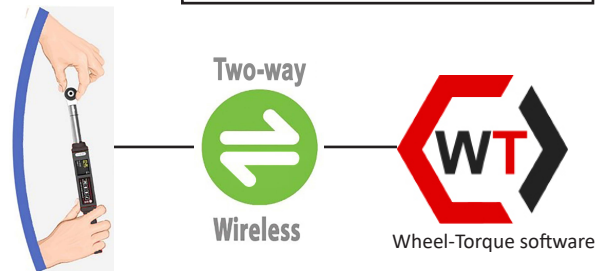
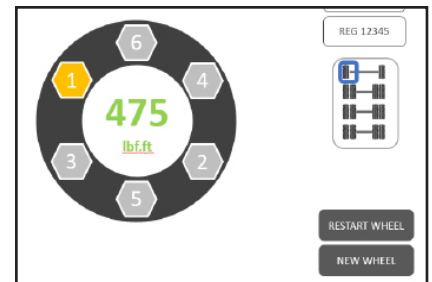
PCFE software securely collects and displays Torque results

FULL WRENCH		TRANSDUCER	RECEIVER
TORQUE	MODEL NO.	MODEL NO.	MODEL NO.
10-100 ft-lb	HW100W	-	WCBR
25-250 ft-lb	HW250W	-	WCBR
75-750 ft-lb	HW750W	HWT750	WCBR

WRENCH OPTION 2: TWO-WAY WIRELESS SERIES (BLUETOOTH)

Stand-alone Wheel-Torque software:
Available on PC or Smart-Device application

- Note technician name, vehicle number or VIN, vehicle position, and date
- Set torque parameters per vehicle
- Interface guides operator through the tightening sequence
- View and send reports from the application



Torque management incorporated with Haltec Tire Management System:

- Real-time asset management
- Management of wrench calibration status & certificates
- Supervisor alerts
 - When tool is used outside of parameters
 - Calibration schedule
 - Notifications for re-torque & audit schedule
- Customized vehicle reporting & parameters
- User management and accountability

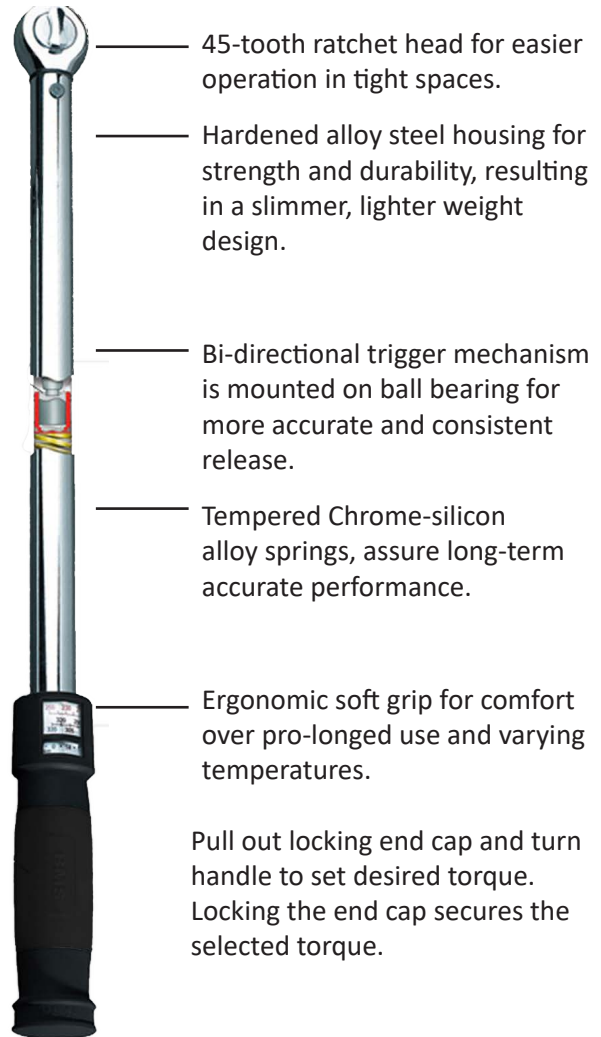
FULL WRENCH		TRANSDUCER
TORQUE RANGE	MODEL NO.	MODEL NO.
10-100 ft-lb	HW100BT	-
25-250 ft-lb	HW250BT	-
75-750 ft-lb	HW750BT	HWT750

MECHANICAL CLICK WRENCHES

WITH ADAPTER TO RECEIVE ATTACHMENTS			
TORQUE RANGE (in-lb)	TORQUE RANGE (Nm)	ADAPTER SIZE	MODEL NO.
30-180 in-lb	40-20 Nm	9x12 mm	MWA020
20-90 ft-lb	25-125 Nm	9x12 mm	MWA125
30-150 ft-lb	40-200 Nm	14x18 mm	MWA200
50-250 ft-lb	50-250 Nm	14x18 mm	MWA335



WITH FIXED RATCHET			
TORQUE RANGE (in-lb)	TORQUE RANGE (Nm)	RATCHET SIZE	MODEL NO.
50-120 in-lb	6-30 Nm	3/8"	MW030
20-90 ft-lb	20-125 Nm	3/8"	MW125
50-250 ft-lb	65-335 Nm	1/2"	MW335
80-400 ft-lb	100-500 Nm	3/4"	MW500



45-tooth ratchet head for easier operation in tight spaces.

Hardened alloy steel housing for strength and durability, resulting in a slimmer, lighter weight design.

Bi-directional trigger mechanism is mounted on ball bearing for more accurate and consistent release.

Tempered Chrome-silicon alloy springs, assure long-term accurate performance.

Ergonomic soft grip for comfort over pro-longed use and varying temperatures.

Pull out locking end cap and turn handle to set desired torque. Locking the end cap secures the selected torque.

Sample Settings



Model: MWA335
 Metric Reading: 302.5Nm
 Imperial Reading: 223.25

MODULAR SMART-TESTERS

Suitable for validating and calibrating both mechanical & digital torque wrenches, Smart Testers are applicable to many industries and situations such as assembly lines, calibration facilities, repair and maintenance centers and tool auditing. As the SCBS and HTT are interchangeable and can be switched in seconds, up-front and maintenance costs are kept to a minimum.

ONBOARD FEATURES

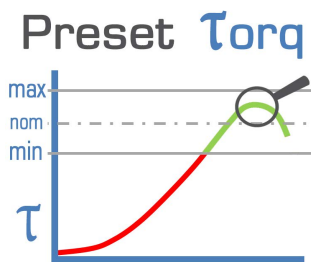
- Virtual progress bar and buzzer for torque signaling
- Captures both first peak of click tools along with installed peak of breaking tools
- Calibrated device accuracy of +/- 0.5% of actual value
- Compare applied torque to configurable parameters
- Languages: English, Chinese, French, German, Italian, Polish, Portuguese, Russian, Spanish
- Units: cNm, Nm, ozins, in-lbs, ft-lbs, kgfcm, kgfm



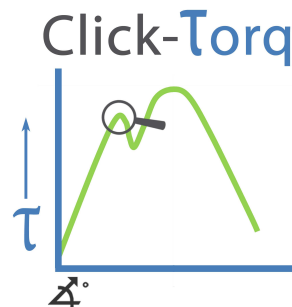
HTT*** Torque Transducer



SCBS Smart Controller

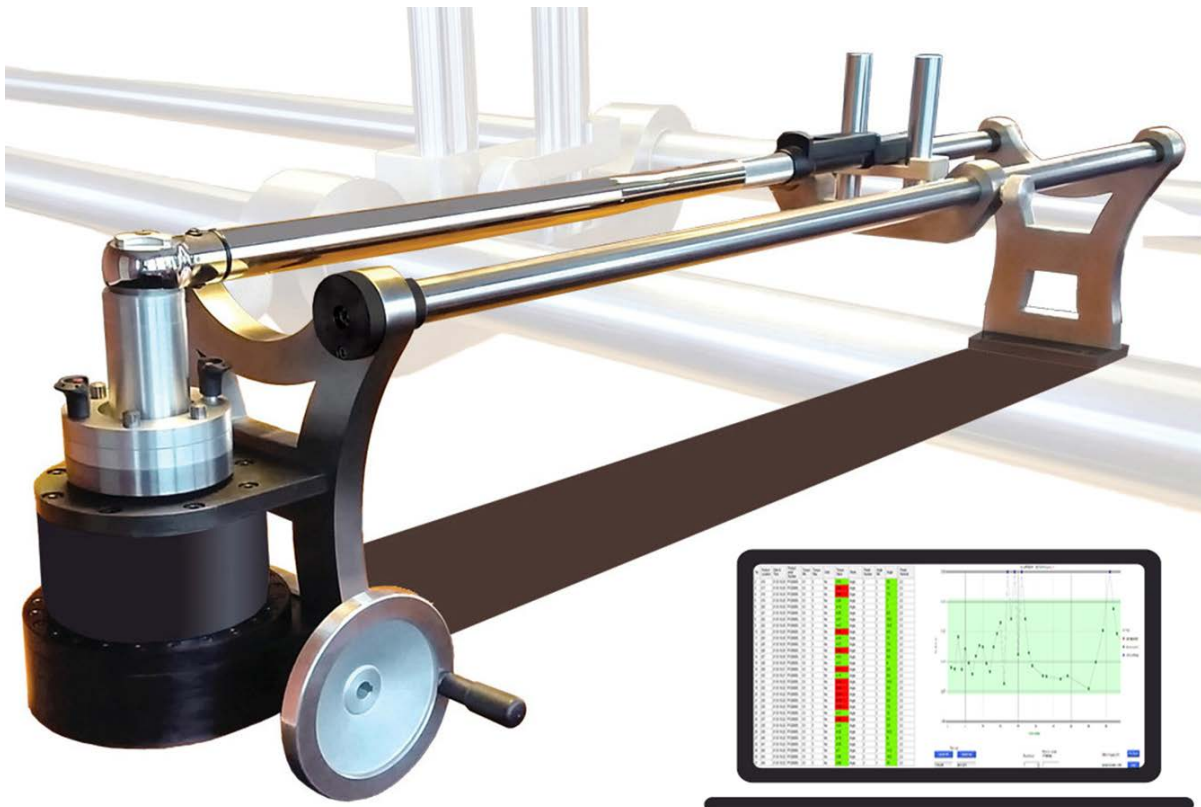


Set precise torque tolerances either by ft-lb or %



Capture first peak of click wrenches

MODEL NO.	TORQUE RANGE	SOCKET SIZE	A	B	C	WEIGHT
HTT100	10-100 ft-lb	3/8"	120 mm	121 mm	60 mm	2 lb
HTT250	25-250 ft-lb	1/2"	120 mm	121 mm	70 mm	2.5 lb
HTT750	75-750 ft-lb	1"-	148 mm	121 mm	70 mm	2.8 kg
SCBS CONTROLLER	All	-	-	-	-	-



TCR1200 – TORQUE CALIBRATION RIG

Note. A Torque Calibration Rig requires an SCBS along with the chosen selection of HTT*** Transducers.
Transducers can be quickly interchanged on the rig.

FEATURES

- Calibrate or check electronic wrenches up to 1200 ft-lb and mechanical wrenches up to 750 ft-lb
- Compatible with all SCBS digital torque testers & HTT*** torque transducers.
- High quality planetary gear system for precise and steady control of torque applied with minimal effort.
- Dropped point of torque application and robust steel frame leads to a sturdy & well balanced rig.
- Quick release pins allow for quick switching of testers <750 ft-lb
- Self-lubricating bearings for smooth operation of carriage unit.

COMPLIANCE

Ensure all torque wrenches are within specified tolerances

Validate wrench accuracy regularly to exceed safety and maintenance requirements

PRODUCTIVITY

On-site calibration reduces product downtime and shipping costs

Regular tool calibration can reduce requirement of post-assembly audits

www.haltec.com • 800-321-6471 • 32585 North Price Rd. PO Box 1180, Salem, OH 44460

— Smart-Break —



HB750 SMART-BREAK MECHANICAL WRENCH
Torque range is 250-750 ft-lb.

HBT750 MODULAR TRANSDUCER
Reduce shipping costs and downtime by sending just the modular transducer for calibration.



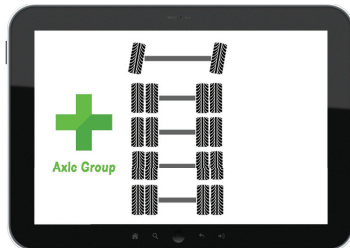
HSW750BT SMART-BREAK WRENCH
Wirelessly integrate the Smart-Break wrench with the Wheel-Torque software for full client traceability.



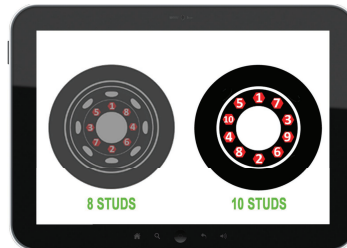
Wirelessly integrate the Smart-Break wrench with the Wheel-Torque management software for full client traceability.



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