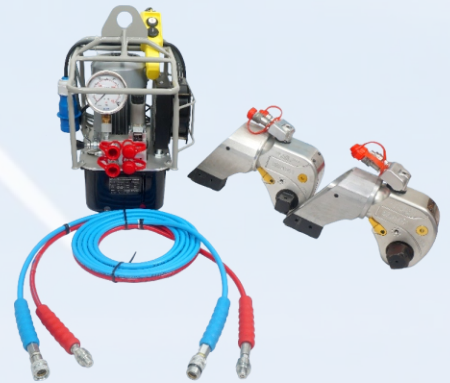


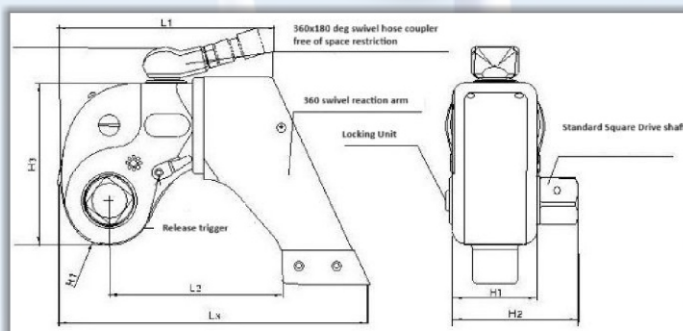
Series : TX | Hydraulic Torque Wrench

- The Bravo Hydraulic Torque Wrenches are versatile and robust tools designed for high-performance bolting operations. Bravo hydraulic torque wrenches are constructed using aircraft-grade aluminium alloy, making them lightweight yet highly robust. This material choice ensures the wrenches are easy to handle, even in tight or challenging spaces, without sacrificing the strength and durability required for high-torque applications. The use of aircraft-grade aluminum enhances the wrench's ability to withstand heavy-duty tasks while remaining portable and less cumbersome compared to other heavier tools. This combination of lightweight and robustness makes Bravo torque wrenches an ideal solution for professional bolting operations where both power and manoeuvrability are essential for high torque applications.
- Bravo hydraulic torque wrenches are Industry 4.0 ready. This means they are compatible with modern digital power pack systems, allowing for enhanced Torque Plus Angle application, automation, and integration into smart workflows. With Industry 4.0 compatibility, Bravo torque wrenches provide a future-proof solution for the evolving demands of modern bolting operations.



Key Features:

- **Fine-toothed Ratchet System:** This system minimizes jamming after reaching the final torque, ensuring smooth operation.
- **Speed and Automation:** Compatible with Bravo power packs, offering efficient and automatic operations in torque/torque angle modes, along with documentation capabilities.
- **Compact & Accessible:** The design is compact, making it ideal for tight or hard-to-reach areas without compromising performance.
- **Stroke Limit:** An integrated stroke limit prevents damage to the housing, increasing the tool's longevity.
- **Quick Change Mechanism:** A standard square adapter with a quick-change feature allows for rapid direction changes and accessory replacements.
- **Durability:** The wrench is sustainable with replaceable wear parts, which extend its service life.
- **Torque Range:** Capable of handling torque from 180 to 69300Nm, operating with system pressures up to 700 bar.
- **Optimized for Speed:** When paired with Bravo power packs, it provides the highest speed during operation.
- **360° Adjustable Handle:** Provides comfort and safety, allowing for flexible handling during use.
- **Twin-Axis Hose Connection:** Features a rotatable and swivelling hose connection for ease of movement.
- **Calibration Certificate:** All measured values are document are executed with a regular proofed calibration equipment. So that the lead back to DIN-ISO 9000 FF are guaranteed standards.



MODEL	Torque Range (Nm)	Drive Shaft (inch)	L1 (mm)	L3 (mm)	H1 (mm)	H2 (mm)	H3 (mm)	H4 (mm)	R1 (mm)	L2 (mm)	Weight (Kg)
BV-HTW-1TX	180-1800	3/4	144	173	52	70	99	135	27	81	2.52
BV-HTW-3TX	423-4140	1	178	228	72	99	117	180	36	117	4.86
BV-HTW-5TX	720-7380	1 1/2	216	272	81	126	144	198	45	144	9.45
BV-HTW-8TX	1080-10800	1 1/2	225	297	92	135	162	216	54	153	10.71
BV-HTW-10TX	1548-15300	1 1/2	243	315	108	144	180	234	54	153	14.40
BV-HTW-20TX	2610-26640	2 1/2	306	387	126	180	225	270	63	189	25.92
BV-HTW-25TX	3474-34740	2 1/2	324	405	126	198	243	297	63	198	34.20
BV-HTW-35TX	4860-48600	2 1/2	370	468	135	216	289	333	81	243	49.50
BV-HTW-50TX	6930-69300	2 1/2	378	522	162	225	297	324	90	297	64.80

Manufacturer Reserves The Right To Change Specification And Design*