

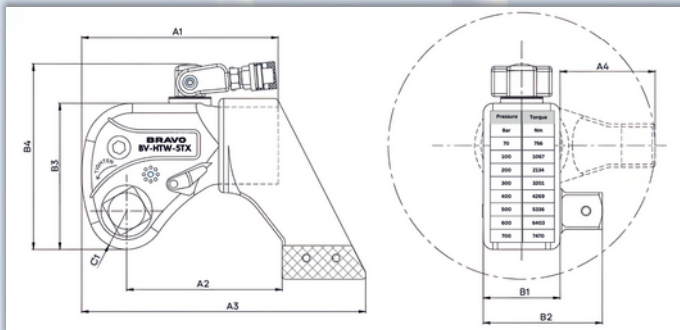
Series : TX | Hydraulic Torque Wrench

- 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 compact design makes 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 and repeatability.
- **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 & tear parts, which extends its service life.
- **Torque Range** : Capable of handling torque from 108 to 70956 Nm operating with system pressures up to 700 bar.
- **Optimized for Speed** : When paired with Bravo power packs, it delivers 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 values are measured and documented using calibrated instruments, guaranteeing traceability to DIN ISO 9000 FF standards.



S.No.	Bravo Model	Torque Range (Nm)	Drive Shaft (inch)	A1 (mm)	A2 (mm)	A3 (mm)	B1 (mm)	B3 (mm)	B3 (mm)	B4 (mm)	C1 (mm)	Weight (kg)
1	BV-HTW-09TX	108 – 1071	3/4	103	81	153	45	63	76	108	20	1.62
2	BV-HTW-1TX	180 – 1800	3/4	139	108	198	54	72	99	140	27	2.79
3	BV-HTW-3TX	423 – 4410	1	171	135	243	72	99	126	162	36	4.86
4	BV-HTW-5TX	756 – 7470	1 1/2	207	162	297	81	126	153	198	40	9.99
5	BV-HTW-8TX	1080 – 10800	2	225	180	324	90	136	171	211	51	12.27
6	BV-HTW-10TX	1530 – 15210	2 1/2	252	198	369	99	164	189	225	54	14.45
7	BV-HTW-18TX	2025 – 20250	2	279	216	405	112	165	207	251	18.09	2
9	BV-HTW-20TX	2610 – 26100	2 1/2	306	243	420	163	225	270	333	25.02	2 1/2
9	BV-HTW-25TX	3510 – 34920	3	333	261	513	202	252	291	363	37.62	3
10	BV-HTW-35TX	4968 – 49617	3 1/2	317	267	558	156	282	324	405	45.27	3 1/2
11	BV-HTW-50TX	7092 – 70956	3 1/2	418	324	762	234	300	369	468	63.09	3 1/2

Manufacturer Reserves The Right To Change Specification And Design*