

PTW-Series, Pneumatic Torque Wrenches

▼ PTW1000



Productivity

- High speed continuous rotation for constant torque output
- Low friction planetary gearbox design minimizes wear and extends uptime.

Safety

- Ergonomic, low vibration design reduces fatigue and the risk of vibration related injuries for the operator
- Low noise air motor provides quiet, consistent performance for indoor and outdoor applications.

Convenience

- Provided with standard reaction arm; wide assortment of custom arms and accessories are available
- Available with or without Filter-Regulator-Lubricator (FRL)
- Unique calibration certificate provided with each tool.



◀ The PTW1000 makes quick work of this flange maintenance job.

Torque and tension specialist

Continuous Rotation Controlled Torque



Calibration Certificate

All PTW-Series tools are CE declared and are shipped complete with a calibration certificate.



Typical Pneumatic Torque Wrench Applications

Oil and Gas, MRO

- Pipe flanges
- Valves
- Man-way covers
- Pressure vessels.

Power Generation

- Turbine bolts
- Tower segments
- Turbine casings.

Mining

- Track maintenance
- Undercarriage maintenance
- Wheel maintenance
- Shovel maintenance.

▼ PTW-Series Pneumatic Torque Wrenches are ideal for applications where speed and precision are critical, such as track maintenance.





PTW-Series, Pneumatic Torque Wrenches

Enerpac PTW-Series Pneumatic Torque Wrenches are designed for applications that require speed and control.

The standard package includes a Torque Wrench with a calibration certificate, an FRL (Filter/Regulator/Lubricator), and a 3 m long, ½" inch (13 mm) diameter air hose, which connects the FRL to the wrench.

Once the air hoses are connected, the operator simply adjusts the air pressure on

the FRL to achieve the desired torque using the calibration certificate. After this, the tool is ready to go to work! *

The air source used with the PTW system must be regulated and/or limited to 8,3 bar, and must be capable of providing a volume of at least (85 m³/h) at 6,9 bar. A separate ½" inch hose (not included) must be used to connect the FRL to the air supply.

* See instruction manual for comprehensive instructions.

PTW Series



Nominal Torque Output:

8135 Nm

Square Drive Range:

1 - 1½ inch



Accessories

Enerpac offers a full line of accessories including a range of reaction arms and drives.

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FRL120C, Filter-Regulator-Lubricator with air hose

All PTW-Series tools are shipped complete with standard reaction arm, and Filter-Regulator-Lubricator (FRL120C).



BSH-Series Sockets

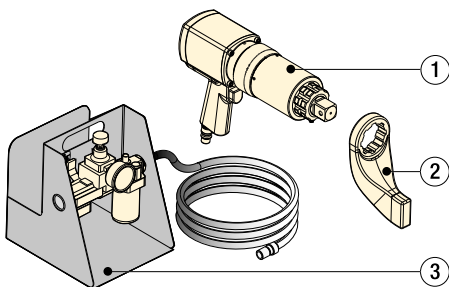
Heavy-Duty Impact Sockets for power driven torquing equipment.

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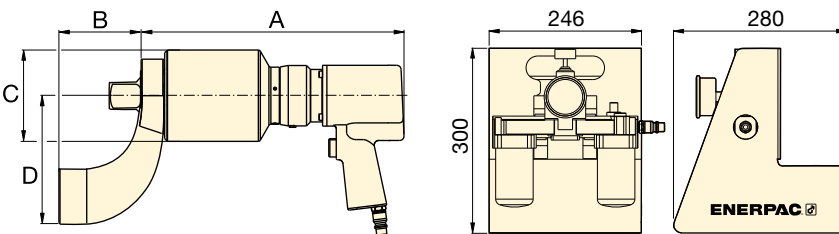


Hydraulic Torque Wrenches

Enerpac offers a complete range of square drive and hexagon cassette torque wrenches.



- ① PTW Torque Wrench
- ② Standard Reaction Arm
- ③ FRL120C Filter-Regulator-Lubricator with 3 meters air hose



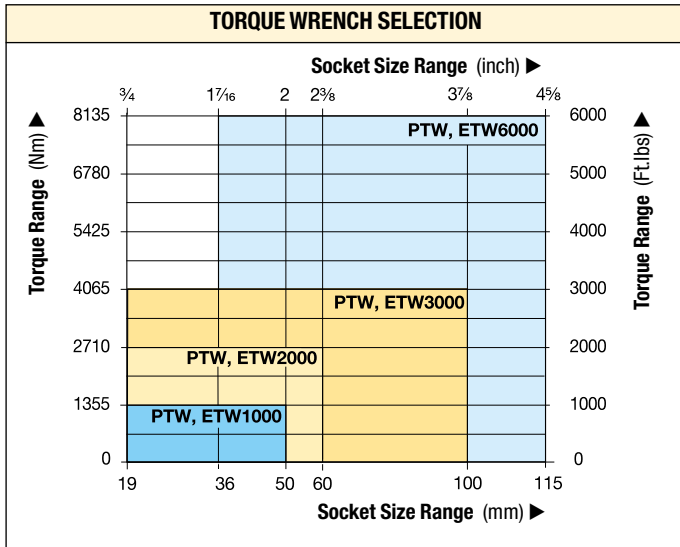
▼ SELECTION CHART

All tools are shipped complete with standard reaction arm and FRL120C.

Minimum Torque		Nominal Torque		Square Drive (inch)	Model Number ¹⁾ (FRL120C included)	Speed (RPM)	Dimensions (mm)				Weight (kg) ²⁾
(Nm)	(Ft.lbs)	(Nm)	(Ft.lbs)				A	B	C	D	
407	300	1356	1000	1	PTW1000C	12,6	272	83	72	130	8,2
678	500	2712	2000	1	PTW2000C	8,0	286	83	79	133	8,8
1220	900	4067	3000	1	PTW3000C	3,1	343	83	95	133	10,4
1763	1300	8135	6000	1½	PTW6000C	2,5	366	114	127	178	17,7

¹⁾ To order without FRL120C, remove "C" suffix from model number (example: **PTW3000**).

²⁾ Weight does not include reaction arm. Reaction arm weight for PTW1000, PTW2000, PTW3000 is 1,3 kg and for PTW6000 is 3,5 kg.



PTW, ETW Series

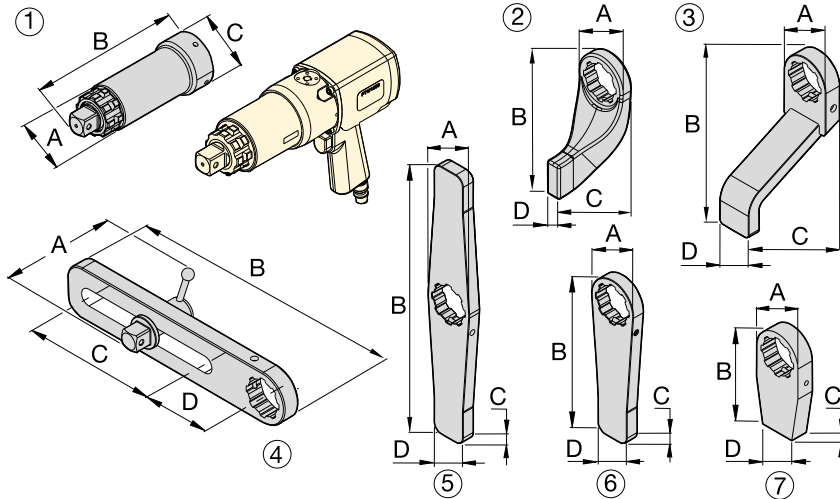


Nominal Torque Output:

8135 Nm

Square Drive Range:

1 - 1½ inch



BSH-Series Sockets

Heavy-Duty Impact Sockets for power driven torquing equipment.

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Optional Accessories

For use with PTW and ETW1000, 2000, 3000-models

Nr.	Description	Model Nr.	Application	Dimensions (mm)			
				A	B	C	D
1	Extended Drive, 6 inch (152 mm)	ED6TWS	Nose extension, primarily for truck wheel bolts	62	206	73	–
1	Extended Drive, 12 inch (305 mm)	ED12TWS	Nose extension, primarily for truck wheel bolts	62	384	73	–
1	Extended Drive, 18 inch (457 mm)	ED18TWS	Nose extension, primarily for truck wheel bolts	62	511	73	–
2	Standard Reaction Arm	RATWS	Standard arm included with PTW and ETW model	76	172	102	21
3	Extended Reaction Arm	ERATWS	Long plate for use with deep well sockets	73	150	202	51
4	Sliding Reaction Arm	SLRATWS	For widely spaced and uneven bolt centers	112	381	203	102
5	Double Straight Reaction Arm	DSATWS	Reduces time to reposition arm *	73	406	19	102
6	Straight Reaction Arm	SRATWS	Long plate for wide spaced reaction points	73	240	19	51
7	Blank Reaction Arm **	BLTWS	Weldable blank for custom applications **	72	151	25	51

For use with PTW and ETW6000-models

1	Extended Drive 6 inch (152 mm)	ED6TWL	Nose extension, primarily for truck wheel bolts	84	232	102	–
1	Extended Drive 12 inch (305 mm)	ED12TWL	Nose extension, primarily for truck wheel bolts	84	384	102	–
2	Standard Reaction Arm	RATWL	Standard arm included with PTW and ETW model	102	229	146	32
3	Extended Reaction Arm	ERATWL	Long plate for use with deep well sockets	102	254	184	64
4	Sliding Reaction Arm	SLRATWL	For widely spaced and uneven bolt centers	152	419	190	114
5	Double Straight Arm	DSATWL	Reduces time to reposition arm *	102	508	32	57
6	Straight Reaction Arm	SRATWL	Long plate for wide spaced reaction points	102	305	32	57
7	Blank Reaction Arm **	BLTWL	Weldable blank for custom applications **	102	152	32	57

* Time to reposition arm when repeatedly moving from tightening to loosening.

** WARNING: Blank reaction arms must be heat treated to HRc 38-42 prior to use.