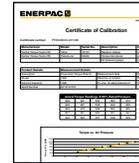


▼ PTW1000



## Continuous Rotation Controlled Torque



### Calibration Certificate

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



### FRL120C, Filter-Regulator-Lubricator with Air Hose

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



### MCS-Series, Mobile Calibration System

To check torque accuracy, run calibration tests and create calibration certificates prior to the use of continuous rotation torque tools in various applications while on a job site.

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### 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

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



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



# Pneumatic Torque Wrenches



## 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 10 ft. (3 m) long, 1/2" (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 120 psi (8.3 bar), and must be capable of providing a volume of at least 50 CFM (85 CMH) at 100 psi (6.9 bar). A separate 1/2" (13 mm) hose (not included) must be used to connect the FRL to the air supply.

\*See instruction manual for comprehensive instructions

## PTW Series

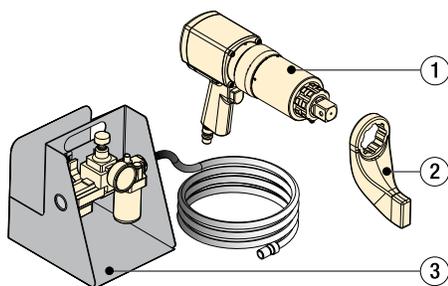


Nominal Output Torque:

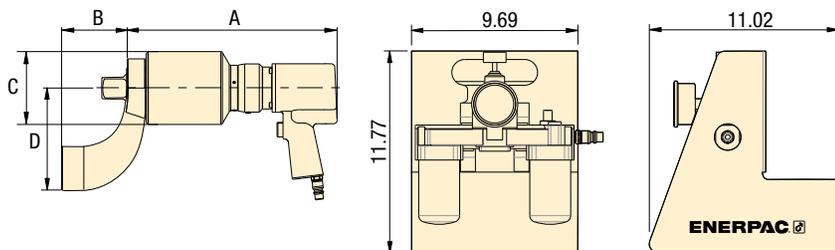
**6000 Ft.lbs**

Square Drive Range:

**3/4 - 1 - 1 1/2 inches**



- ① PTW Torque Wrench
- ② Standard Reaction Arm
- ③ FRL120C Filter-Regulator-Lubricator with 10-foot air hose



### Accessories

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

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### BSH-Series Sockets

Heavy-Duty Impact Sockets for power driven torquing equipment.

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### Back-Up Spanner

Hands free tool to be used to stop back nut from turning during make up or break out. Two hex sizes in one tool.

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## ▼ SELECTION CHART

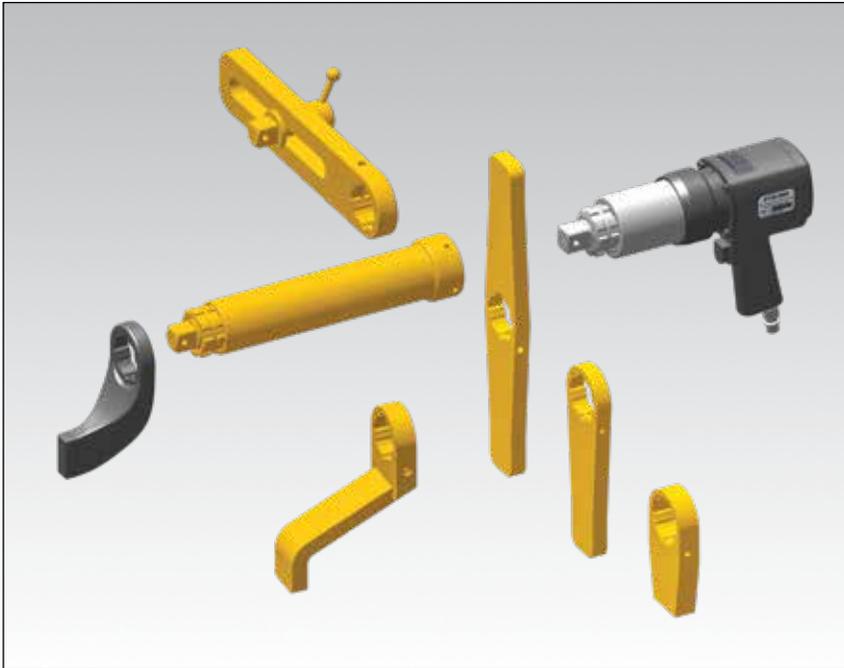
All tools are shipped complete with standard reaction arm and FRL\*.

Minimum Torque		Nominal Torque		Square Drive	Model Number*	RPM	Dimensions (in)				Weight** (lbs)
(Ft.lbs)	(Nm)	(Ft.lbs)	(Nm)				A	B	C	D	
300	407	1000	1356	3/4	PTW1000-75C	12.6	10.70	3.27	2.83	5.12	17.4
300	407	1000	1356	1	PTW1000C	12.6	10.70	3.27	2.83	5.12	18
500	678	2000	2712	1	PTW2000C	8.0	11.26	3.27	3.11	5.24	19.5
900	1220	3000	4067	1	PTW3000C	3.1	13.50	3.27	3.74	5.24	23
1300	1763	6000	8135	1 1/2	PTW6000C	2.5	14.40	4.49	5.00	7.00	39

\* To order without FRL and hose, remove "C" suffix from model number (e.g. PTW3000).

\*\* Weight does not include reaction arm. Reaction arm weight for PTW1000, PTW2000, PTW3000 is 2.9 lbs. and for the PTW6000 is 7.75 lbs.

▼ Shown: Accessories for PTW-Series Torque Wrenches



- **Accessories for further extending the application range of pneumatic torque wrenches**
- **Extended drives increase tool fit in restricted access areas**



### PTW-Series Torque Wrenches

Enerpac offers the following accessories to support a wide variety of applications in industries such as mining, power generation and oil and gas. For additional custom accessories not pictured here, please contact Enerpac.



### Applications

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

#### Mining

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

#### Power Generation

- Turbine bolts
- Tower segments
- Turbine casings

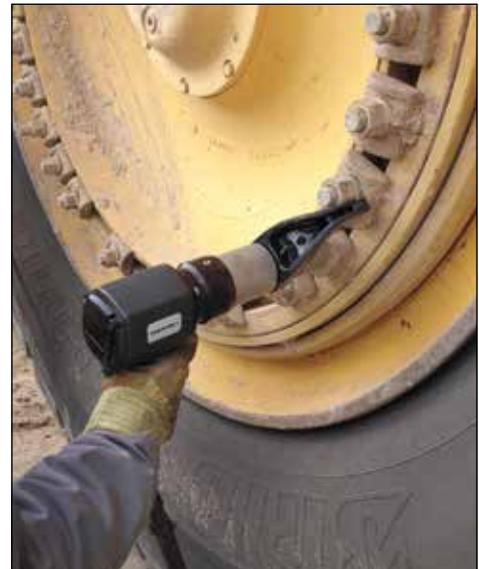
#### Oil & Gas

- Pipe flanges
- Valves
- Manway covers
- Pressure vessels

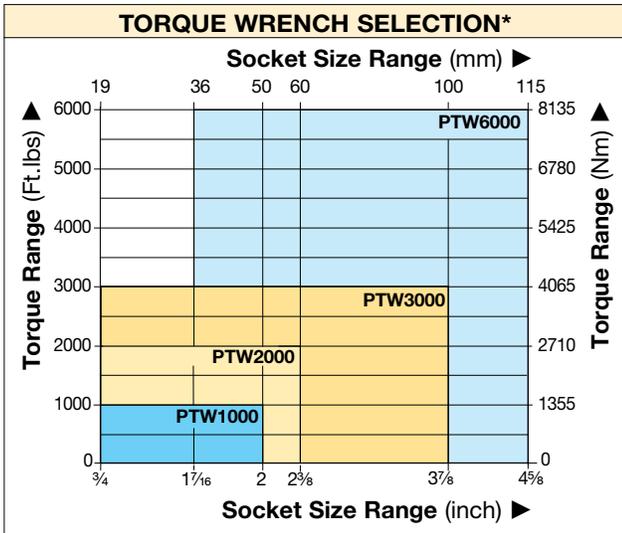
▼ *Shovel and Track maintenance*



▼ *Wheel maintenance*



# Torque Wrench Accessories for PTW-Series



## PTW Series



Nominal Output Torque:

**6000 Ft.lbs**

Square Drive Range:

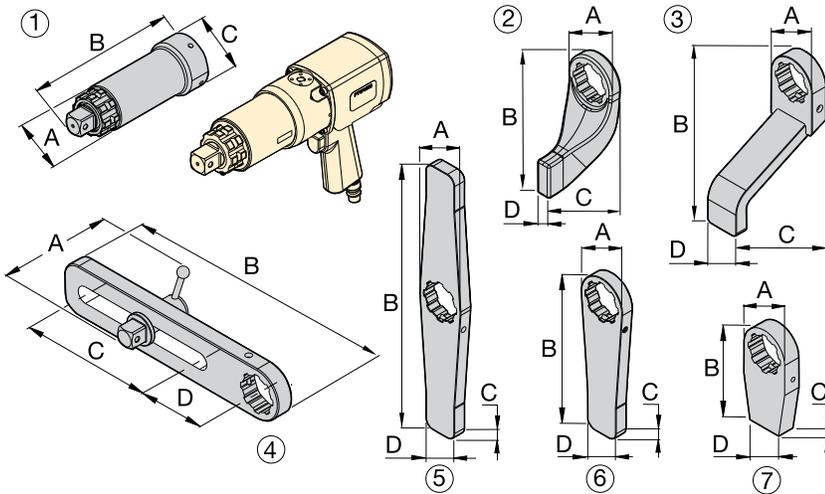
**3/4 - 1 - 1 1/2 inches**



### BSH-Series Sockets

Heavy-Duty Impact Sockets for power driven torquing equipment.

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### ▼ Optional accessories for use with PTW1000, PTW2000, PTW3000 models

No.	Description	Model No.	Application	Dimensions in inches			
				A	B	C	D
1	Extended Drive, 6 inch (152 mm)	ED6TWS	Nose extension, primarily for truck wheel bolts	2.44	8.11	2.87	—
1	Extended Drive, 12 inch (305 mm)	ED12TWS		2.44	15.12	2.87	—
1	Extended Drive, 18 inch (457 mm)	ED18TWS		2.44	20.12	2.87	—
2	Standard Reaction Arm	RATWS	Standard arm included with PTW model	2.99	6.77	4.02	0.83
3	Extended Reaction Arm	ERATWS	Long plate for use with deep well sockets	2.87	5.91	7.95	2.01
4	Sliding Reaction Arm	SLRATWS	For widely spaced and uneven bolt centers	4.41	15.00	7.99	4.02
5	Double Straight Reaction Arm	DSATWS	Reduces time to reposition arm *	2.87	15.98	0.75	4.02
6	Straight Reaction Arm	SRATWS	Long plate for wide spaced reaction points	2.87	9.45	0.75	2.01
7	Blank Reaction Arm **	BLTWS	Weldable blank for custom applications **	2.83	5.94	0.98	2.01

### ▼ For use with PTW6000

1	Extended Drive 6 inch (152 mm)	ED6TWL	Nose extension, primarily for truck wheel bolts	3.31	9.13	4.02	—
1	Extended Drive 12 inch (305 mm)	ED12TWL		3.31	15.12	4.02	—
2	Standard Reaction Arm	RATWL	Standard arm included with PTW model	4.02	9.02	5.75	1.26
3	Extended Reaction Arm	ERATWL	Long plate for use with deep well sockets	4.02	10.00	7.24	2.52
4	Sliding Reaction Arm	SLRATWL	For widely spaced and uneven bolt centers	5.98	16.50	7.48	4.49
5	Double Straight Arm	DSATWL	Reduces time to reposition arm *	4.02	20.00	1.26	2.24
6	Straight Reaction Arm	SRATWL	Long plate for wide spaced reaction points	4.02	12.01	1.26	2.24
7	Blank Reaction Arm **	BLTWL	Weldable blank for custom applications **	4.02	5.98	1.26	2.24

\* 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.