



- THE RIGHT TOOLS -

**POWERING INDIA'S WIND  
REVOLUTION**

A black and white photograph showing a worker in safety gear (helmet, harness, and tools) standing on the platform of a wind turbine. The worker is looking out over a vast field of wind turbines under a cloudy sky. In the foreground, the structural elements of the wind turbine are visible.

**FASTEST GROWING  
INDIAN STARTUP IN  
BOLTING  
TECHNOLOGIES**

## ***Mission Statement:***

Deliver Excellence By providing Perfect Product, Unmatched Quality, Unbeatable Prices with International Certifications

Continuous Innovation - Investing in cutting-edge technology to stay ahead in the industry

Global Expansion - Strengthening our presence in India, Europe, APAC, Middle East, USA & Africa

At XTORC, we don't just sell tools - we deliver precision, performance, and trust

## ***Vision Statement:***

At XTORC, we believe in a WIN-WIN-WIN philosophy where:

Customers Win with perfect products, unmatched quality, and unbeatable prices.

Employees Win through growth, innovation, & rewarding work culture.

Entrepreneurs Win by building a brand that sets new industry benchmarks.

We strive to be the most TRUSTED and INNOVATIVE brand in Bolting and In-Situ Machining Solutions WORLDWIDE.

## ***Commitment to Wind Energy:***

XTORC is passionate about driving the clean energy transition by providing indigenously manufactured, globally certified bolting tools designed for wind turbines.

# **INSIDE:**

- **XTS Square Drive Hydraulic Torque Wrenches**
- **XTH Low Profile Hydraulic Torque Wrenches**
- **XMT Multi-Stage Bolt Tensioners**
- **Hydraulic Power Packs for Torquing & Tensioning**



# XTS Series Square Drive Hydraulic Torque Wrench

## Description:

XTORC XTS Series Square Drive Hydraulic Torque Wrenches are engineered for heavy-duty wind turbine bolting applications. Designed and made in India, these tools combine strength, accuracy, and durability for maximum uptime and consistent performance.

## Key Features:

- Compact, robust, and corrosion-resistant design
- High repeatability and precision torque delivery
- 360°×360° hose swivel for ease of operation
- Lightweight aluminum-titanium alloy body
- Easy maintenance with modular components
- Calibrated and certified to ISO and CE standards



# XTH Series Low Profile (Hex Drive) Hydraulic Torque Wrench

## Description:

The XTH Series Low Profile Wrenches are built for confined wind turbine applications. Their slim design and high torque output ensure precision bolting in restricted spaces.

## Key Features:

- Direct hex drive for superior accuracy
- 360° swivel hose connection
- Compact link system for flexible operation
- Lightweight, high-strength body
- Ideal for tower, yaw, and blade connection bolts



	Units	XTH-2		XTH-4		XTH-8		XTH-14	XTH-32	
Min. Torque	NM	293	305	608	673	1192	1283	2222	5026	5351
Max. Torque	NM	2943	3051	6092	6733	11926	12834	22225	50258	53512
Min. Torque	FT.LBS	214	221	443	489	867	932	1615	3652	3888
Max. Torque	FT.LBS	2137	2217	4426	4891	8863	9323	16147	36511	38875
Across Flat	MM	19-55	55-60	34-65	70-80	46-95	100-105	50-117	110-155	160-180
	INC	3/4-2.3/16	2.3/16-2.3/8	1.5/16-2.9/16	2.3/4-3.1/8	1.13/16-3.3/4	3.7/8-4.1/8	2-4.1/2	4.1/4-6.1/8	6.1/8-7.1/16
Weight	KG	1.5	1.5	3.2	3.2	5.3	5.3	9.8	15	15
Drive Unit	LBS	3.3	3.3	7	7	11.6	11.6	21.6	33	33
Weight	KG	1.7	1.85	4.1	4.2	8.7	8.8	11.5	32	35
Ratchet Unit	LBS	3.7	4	9	9.2	19	19.4	25	70	77

# XMT Multi-Stage Bolt Tensioners



## Description:

XTORC XMT Multi-Stage Tensioners are engineered specifically for wind turbine foundation and tower applications. Delivering high tensioning forces in a compact, reliable design, they ensure uniform preload and long-term joint integrity.

## Key Features:

- Designed for foundation, tower, and blade root bolts
- High-pressure rated up to 1500 Bar
- Multi-stage piston system for fast, synchronized operation
- Optional gear drive for nut rotation
- Custom-built solutions for all major turbine OEMs
- Compatible with electric, pneumatic, and manual pumps

Model	Bolt Diameter		The Min. Length of Thread (mm)	The Max. Length of Thread (mm)	Working Stroke (mm)	Bolt Distance (mm)	Max. Load (kn)	Outline Diameter (mm)	Min. height (mm)
	(mm)	(in)							
XMT-M30	M30	1-1/8	62	69	7	66	464	73	276
XMT-M33	M33	1-1/4	66	73	9	72	583	78	295
XMT-M36	M36	1-3/8	75	82	9	77	677	84	326
XMT-M39	M39	1-1/2	78	88	10	83	805	90	360
XMT-M42	M42	1-5/8	83	91	10	89	926	96	357
XMT-M45	M45	1-3/4	87	96	10	96	1091	105	371
XMT-M48	M48	1-7/8	93	102	10	102	1231	110	387

**Note: Dimensions are subject to change.**

# ULTRA HIGH PRESSURE ELECTRIC PUMP FOR TENSIONING APPLICATIONS

## Description:

Two Stage piston pump, compact, robust and reliable 1.1 kw electric motor, powerful, big flow Safety and easy operating control line

When pressure under the set pressure 1 Bar/ 14.5 psi, pressure switch start automatically and pressure will be raise to set value

Single and double acting available, apply to various operation

High performance radiator ensure continuous operation



Model	Reservoir (L)	Motor (kW)	Supply *	Max. Working Pressure	Size (mm)	Control Line (m)	Output Flow (L/min)	Weight (kg)	Mode of Action
XEP 1500	7.6	1.1	220V/50Hz/single phase	2000 bar/ 29000 psi	375X300X410	6	2@ 50 bar/725 psi 0.3@ 2000 bar/29000 psi	20	Single Acting
XEP 1500D									Double Acting

\*Supply: Voltage and frequency can be demanded by customer

## XTORC ELECTRIC PUMP FOR HYDRAULIC TORQUE WRENCHES

### Fully Automatic Power Pack

- Faster and reliable in operations
- High repeatability of the bolting process without pressing the button again and again.

### Temperature Management

In-built heat exchanger to cool the system

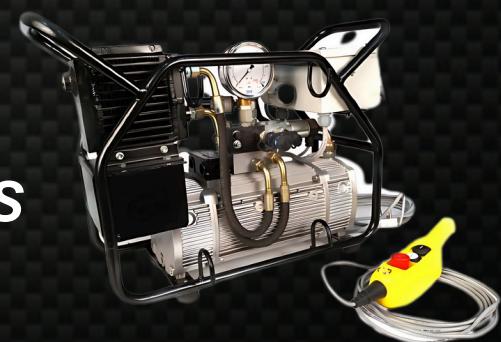
- The unique concept of the high-speed cooling and heat exchanger optimizes cooling for Continuous operation
- Power pack switches off automatically if temperature rises above 80°C

### Oil immersed Motor

- Noiseless and vibration free operations Effective temperature equalisation by cooling.
- motor, pump & oil at the same time

### PLC Controlled System

- Effectively controlled operations of power packs.
- If the power pack remains idle continuously more than 3 minutes, it gets switched off automatically.



### TECHNICAL SPECIFICATION:

Model No.	XEP-700
Power Rating Flow Rate	1.5 KW
Maximum Pressure	700Bar/10,000 PSI
Flow Rate	9.7LPM @ 70Bar 0.97LPM @ 700 Bar
Capacity	6 Ltr./2 Gallon

***Perfect Product***

***Unmatched Quality***

***Unbeatable Prices***



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