

SERIES: **mono** Single-stage Tensioners

**IN STOCK FOR
QUICK DELIVERY**



mono series single-stage tensioners are versatile and reliable hydraulic bolt tensioners suitable for high load and tight space applications with limited overhead clearance. Optimised for use on **wind turbines** they have been designed for long-life, low-maintenance use, and are suitable for use on single bolts, or grouped together for multiple tightening of bolted joints. **single** tensioners are extensively used for slewing rings, power-gen applications, structural and all critical bolting.

PROCESS IMPROVEMENT

mono Hydraulic Tensioners are designed for **speed**. Fast spring piston retract, geared nut run-down and spring located sockets, improve process time on each tensioning operation. High cycle life, over-stroke protection and the latest seal technology ensure **low maintenance** operation to keep projects on schedule.

LATEST TECHNOLOGY

- Latest seal technology
- High cycle life
- Optimised load to weight ratio
- Integrated system with TensionPro pumps and hoses

SAFE AND RELIABLE

- CE marked
- Over-stroke protection
- Max stroke indicator
- Pressure Test Certification
- Full colour operating and safety manual

OPTIONS AND FEATURES

- Special threads
- Special load requirements
- Twin or single port
- Protective handle
- Special bridge for tight clearance
- Swivel connections
- Cycle counter
- Gear drive nut run-down
- Spring piston return
- Misalignment compensation
- **ARMOURMAX** anti-corrosion, anti-wear

Bolt Thread Size		Maximum Tensioner Load		Tool Height	Tool OD
T		F		H	A
inch	Metric	tonf	kN	mm	mm
1	M24	29.1	290	100	85
1 1/8	M27	38.1	380	105	90
-	M30	46.8	466	110	100
1 1/4	M33	57.2	570	115	110
1 3/8	M36	68.0	678	120	118
1 1/2	M39	81.3	810	125	124
1 5/8	M42	93.3	927	135	130
1 3/4	M45	108.8	1082	140	145
1 7/8	M48	122.7	1223	145	150
2	M52	146.0	1455	150	160
2 1/4	M56	168.1	1675	155	170
-	M60	195.7	1950	160	178
2 1/2	M64	225.3	2245	165	185

SAFETY AND SPEED

Optional durable handle intergrated over the hydraulic connection for easy handling and positioning of the tool, protects the hose and inlet connection from unnecessary loading - benefiting the operator with an extra layer of safety.

