



## **TAX**

**The power pack for tensioners**



The Plarad power pack for tensioner

# TAX – power pack specially designed for wind power!



Compact design  
With mechanism for winding cable



Benefits for wind power:  
Operating time meters and operational parameters at any given time can be inspected on the remote control display when working with the tensioner



Overheating protection thanks to a high-speed cooling system and specialised oil-immersed motor technology

- The technology featured in the TAX system is based on years of experience and established quality along with the various national and international patents and other industrial rights held by Plarad.
- A persuasive pressurising principle increases the lifetime of the equipment. They are easy to service because the tried and trusted, integrated pressure booster can be replaced as a complete unit.
- 100 per cent fulfilment of wind power needs: light, fast and robust.



Power Pack	Flow rate	Weight *
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<b>TAX 1-1500-X32</b>	0,4 l/min (1500 bar)	31 kg
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<b>TAX 3,5-1500-X32</b>	1,0 l/min (1500 bar)	40 kg
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Extracts of the specifications.

\* ready for use

## The only unit to feature full automation as standard

The TAX power pack tensions bolts automatically at the press of a button. Like the already established, fully automatic VAX system, the equipment cuts off automatically as soon as the required tension has been reached. This eliminates any errors on the part of the operator **and all this is provided by the standard model!**

Numerous manual interventions under constant supervision of a user are no longer necessary.

## Bolt tensioners with safety indicators



Tightening procedures: pre-tensing force is achieved without torque stresses.

Our green safety indicator for monitoring the screw depth of bolts prevents operating errors.

## Extremely fast

- More bolts tightened within the same period of time: TAX is several times faster than other comparable systems

## Extremely reliable

- The tightening procedure is fully monitored via micro-processor even in the standard model and controlled automatically until it is switched off

## Extremely light

- The oil-immersed motor technology ensures an optimum power-to-weight ratio

## Extremely tough

- Can be used for prolonged periods: No overheating thanks to the special oil-immersed motor technology and the high-speed cooling system

## Extremely durable

- Plarad quality: The durability of Plarad's basic technology has long been established under tough long-term operating conditions



It has been used in wind power applications for over 9 years, for example

## Options

### Documentation

Documentation on the optional control unit. Confirmation that the correct pressure and retention time have been achieved.



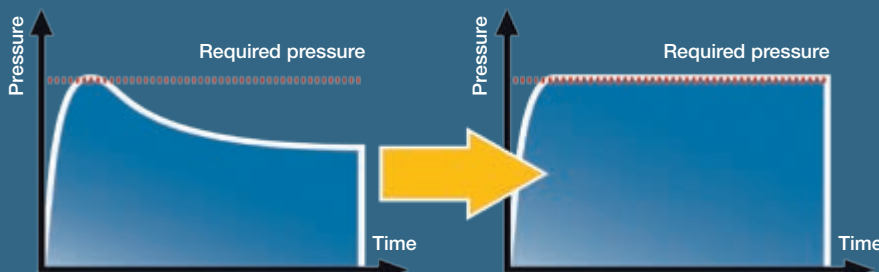
### Customised extensions

Available with analogue or digital manometer on request.



### Controlled Tensioning

During the fastening process the power pack continually monitors the applied pressure and automatically re-adjusts the pressure when the auto repump mode is enabled. For example as a bolting joint settles the pressure will drop and therefore the pressure will be replenished.





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