

MK31s AUTOMATIC TORQUE UNIT

THE MOST ADVANCED INDUSTRIAL TIGHTENING TOOL



We are Texas Controls

Texas Controls is the European Leader in the manufacturing of Hydraulic Power Units for torque and bolt tensioning tools.

Our designs and developments have proven to be the most reliable, user friendly and fastest units on the market, based on constant improvements achieved during our co-creation processes together with the end users.

MK31s Smart Torque Unit

Texas Controls presents a smart torque unit. The new algorithm controls the piston movement of any torque wrench, detecting in every cycle when full stroke have been reached, activating immediately the retract movement.

It also detects and notice the operator when the tightening cycle is completed. This behavior leads to save several seconds per cycle, resulting in considerable time and energy savings. Just connect any torque wrench from any manufacturer, set the working pressure, perform a learning cycle and be ready to work fast as never before.

» KEY ATTRIBUTE

SAFETY

- Pressure outputs contrary to the limiting valve, pressure gauge and display.
- Limited risks of projections to the user.
- Magnetothermic protection.
- External circuit breaker rearm system.
- Emergency Stop Switch.

USER FRIENDLY

- PLC control display for messages and alarms.
- Specific maintenance programs such as oil changes and filters depending on the number of cycles performed.
- Remote control with magnet makes work easier.
- Inner compartment for collecting cable.

CUSTOMIZATION

- Adapted to customer needs:
 - Threaded or quick couplings.
 - Colour and stickers.
 - Customizable Firmware: language, set maintenance times and warnings, etc.
 - Pressure display available on the remote control as an option.

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Current Supply			LP Oil Flow	HP Oil Flow	Usable Oil capacity	Weigh	Máx. Pressure	Height*	Width	Length
Voltage	Frecuency	Current	l/m	l/m	l	kg	bar	mm	mm	mm
230 V	50 Hz	10,5 A	6,9	1,1	1,7	33	800	370	278	680
230 V	60 Hz	11,5 A	5,3	6,8						
110 V	50 Hz	16 A	5	0,5						
110 V	60 Hz	16 A	6,1	0,6						
400 V	50 Hz	3,4 A	7,1	1,1						
460 V	60 Hz	3,3 A	5,4	0,8						

*Optimized dimensions to reduce shipping costs

The MK31s powerpack is a dual stage pump: Gear Pump + Piston Pump to optimize the ratio Oil Flow vs Power Consumption.