

# MK21S SMART TORQUE UNIT

THE MOST ADVANCED INDUSTRIAL TIGHTENING TOOL



The most common model used on Wind Farms. This new Semi-Automatic Hydraulic Unit for Torque Wrenches is the only one in the market controlled by a PLC. It includes a convenient LCD display to show messages and alarms, maintenance utilities such as Maintenance periods, total hours and partial hours from last service (filter replacement, oil change).

The Combination of a PLC and well proven hydraulics converts the MK21s on the most reliable pump in the market for field use and only second to the MK31s, when in Automatic mode, in Speed.

## » KEY ATTRIBUTE

### SAFETY

- Pressure outputs contrary to the limiting valve, pressure gauge and display.
- Limited risks of projections to the user.
- Magnetothermic protection.
- Reset of magnetothermic from the outside.
- Emergency button.

### 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.
- Magnet handgrip makes work easier.
- Inner compartment for collecting cable.

### CUSTOMIZATION

- Adapted to customer needs:
  - Threaded or fast connections.
  - Colour.
  - Customizable Firmware: language, set maintenance times and warnings, etc.
  - Different handgrip options.

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Current Supply			LP Oil Flow	HP Oil Flow	Usable Oil capacity	Weigh	Máy. 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 MK21s powerpack is a dual stage pump: Gear Pump + Piston Pump to optimize the ratio Oil Flow vs Power Consumption.