

MK51S DUPLO POWERPACK

THE MOST ADVANCED INDUSTRIAL TIGHTENING TOOL



MK51s Duplo PowerPack combines two different circuits for powering different kind of tools, torque wrenches and tensioners in the same unit. This makes it the ideal PowerPack for Wind Turbine maintenance works.

The user can switch between both modes in the rocket switch of the handgrip. The unit combines the speed of the new Automatic torque unit MK31 and the proven reliability of the MK41 tensioning pump, sharing 90% of the spare parts. **Available as BoltPilot® Capable.**

» 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 Fast connections:
 - Colour.
 - Customizable Firmware: language, set maintenance times and warnings, etc.
 - Optimization of cycle times for specific application system.
 - Different handgrip options.

MK51S DUPLO POWERPACK

THE MOST ADVANCED INDUSTRIAL TIGHTENING TOOL



Current Supply			Tension Max oil flow	Torque Max 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	0,7/0,1	6,89/1,10	1,7	40	800/1500	400	278	630
230 V	60 Hz	10,5 A	0.6/09	6,33/0,86						
110 V	50 Hz	16 A	0,7/0,1	6,89/1,10						
110 V	60 Hz	16 A	0.6/09	6,33/0,86						

*The MK51s powerpack is a dual stage pump: Gear Pump + Piston Pump to optimize the ratio Oil Flow vs Power Consumption. The user can select oil flow max / min by regulating the exclusion valve depending the power supply condition. The máximo outlet flow is determined by the pressure intensifier in Tension Mode.

**Max power consumption could be reduced depending on the hydraulic configuration.