



PLARAD[®]

Torque & Tension Systems



Battery Nutrunner



Electric Nutrunner



Pneumatic Nutrunner



Battery Hydraulic Pump



Electric Hydraulic Pump



Hydraulic Torque Wrench



Hydraulic Tensioner



Measurement and control



Hydraulic pumps

XE1^{power}

- Fully automatic bolting
- No overheating during long operations

XE1^{control}

- Torque and torque/angle bolting method
- Documentation, compatible with digital devices

Mobile up to 11,600 psi



XA1^{power}

- Battery hydraulic pump
- 22 lbs operating weight
- Average 170 bolting applications with one battery charge

up to 11,600 psi – 3.5 gal/min



XE1^{docu}

- Documentation, compatible with digital devices
- Pre-definable bolting parameters

up to 21,755 psi



TXE1^{power}

- For Tensioners
- Constant pressure throughout the entire clamping process
- Documentation



Hydraulic tools

MX-EC-Series

- Square drive torque wrench
- Also available as an explosion-proof version

up to 47,940 ft lbs | $\square$ 3 1/2"



up to 33,190 ft lbs | AF 7 2/25"



FSX-Series

- Low clearance torque wrench
- Low weight
- Extendable with inserts

PSE/PSD/ PST/PSQ

- Single- and multi-stage tensioner
- Automatic piston reset
- Optical overstroke indicator
- Fail safe system

up to 806,390 lbs | bolt 3"



FL 305





Nutrunners

DA2-Series

- Battery nutrunners
- Torque and torque/angle bolting method
- Documentation and presetting the bolting case parameters

95 ft lbs up to 5,900 ft lbs



110 ft lbs up to 5,900 ft lbs



DE1-Series

- Electric nutrunners
- Torque and torque/angle bolting method
- Storage function and documentation, compatible with digital devices

DP2_{power}

- Pneumatic nutrunner
- Compensation of pressure fluctuations for precise torques

92 ft lbs up to 5,900 ft lbs





PLARAD SERVICE



We offer a comprehensive range of services, bolt case analysis, calibrations, repairs and consulting.

Maintenance & Repair

We recommend that you have your bolting tools and accessories inspected by us at regular intervals. The tools serviced by us receive a new factory inspection certificate. In this way, quality is documented.

Custom engineering

Plarad develops and supplies individual bolting systems for a torque range starting at 100 ft lbs up to 110,000 ft lbs. Our service portfolio extends from supplementary supporting tools for our series products to fully automated bolting systems.

PLARAD Torque App

All torques at hand at any time – our popular torque table in digital form. Dimensions, values, converting tool and product information





PLARAD ACADEMY



Acquire and deepen your knowledge in the handling and maintenance of our tools. We train you in the use of our equipment and turn you into bolting specialists. Avoid defects or failures of your bolting tools through professional operation and proactive maintenance.

User training

Our experienced trainers know the procedures and processes in bolting technology. Your company specific problems can be addressed in the training courses. This guarantees direct reference to your daily tasks.



Service training

Together with our experienced trainers the special features of the different bolting tools for the maintenance measures are worked out and explained in a practical part. In addition, you will receive comprehensive training materials.



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