



PLARAD[®]
Torque & Tension Systems

NEW PERSPECTIVE 2021/22

PRODUCT LAUNCHES

DRIVEN BY INNOVATION

THE NEW DA2

THE NEW DIGITAL DA2. THE SUCCESSFUL CONNECTION

MORE VARIABLE
3 PRODUCT LINES
ANGULAR GEARBOX

ERGONOMICS
360° FREE ROTATION
0% RECOIL

MORE DIGITAL
APP-CONTROLLED
WIFI ■ GPS ■ DOCU

RELIABLE
EXTENDED DOCUMENTATION
BATTERY-CONTROL



- Three product lines to meet your demands:

power-Line

Simple and robust design

docu-Line Extensive documentation
and analysis of all fastening operations

safety-Line Two-hand operation for your safety

- power-Line can be upgraded to docu-Line or safety-Line
- Torque range up to 8,000 Nm
- 360° free rotation for completely recoilless working and flexible access to bolted connections
- Now also available as angle version

- From smart tool to smart device: status, condition, information – simply connect by Smart Device and read out your data
- App-controlled: set up fastening scenarios in the app and send them to the tool
- Immediate feedback while working through wearables (e.g. smart watches or Augmented Reality Glasses)
- Comprehensive recording (timestamps, user, GPS coordinates and more), up to 6,000 memory slots
- Bluetooth battery charger indicates battery charge for more reliable job planning
- Better corrosion resistance thanks to new surface coating

THE NEW DA2 SAFETY

YOUR SAFETY. OUR MISSION

SAFETY
TWO HANDS
ZERO INJURIES

MORE ERGONOMIC
FLEXIBLE SWIVEL HANDLE
BALANCED WEIGHT
DISTRIBUTION

MORE VARIABLE
POWER-LINE AND
DOCU-LINE
ANGULAR GEABOX

RELIABLE
RECORDS MORE
BATTERY MANAGEMENT



- Reduced risk of injury: two-hand operation prevents you from reaching into the danger zone
- Safety Start trigger (SST): tool stops automatically when one of the triggers is released
- Flexibly adjustable to right-hand or left-hand operation thanks to the swivel handle
- Second trigger integrated in robust carrying handle
- Control switches ergonomically arranged in the tool's centre of gravity
- Ergonomic for work and transport
- App control, GPS, WiFi and documentation features as with the configurations **power-Line** or **docu-Line**
- power-Line can be upgraded to docu-Line
- 360° free rotation for completely recoilless working and flexible access to bolted connections
- Safe down to the last corner: **DA2 safety** now also available as an angled version

A NEW GENERATION OF PRECISION

THE NEW DE2

KNOCK-OUT ARGUMENTS

MORE PRECISE
SENSOR-CONTROLLED
MOTOR ELECTRONICS
INSPECTION MODE

MORE ROBUST
COATING
COMPENSATION

DOCUMENTATION +
DATA MANAGEMENT
FOR 10,000 JOBS

**GREATER
EASE-OF-OPERATION**
DISPLAY ■ WIFI



- Large screen for displaying current data and info
- Convenient, simple operation using 5 buttons
- Connectivity via a simple WiFi interface
- New inspection mode for checking the applied bolted joints
- Compensates voltage fluctuations and temperature changes (even when running on power generators) to ensure precise torque and minimize external influences
- Extended job counter for improved documentation and up to 10,000 allotted memory slots
- Better corrosion resistance thanks to new surface coating

- Torque range up to 8,000 Nm
- Also available as angled version
- Three product lines to meet any demand
 - power-Line** – simple and robust design
 - docu-Line** – extensive documentation and analysis of all fastening operations
 - plus-Line** – additional features: torque/rotary angle mode, inspection mode and more
- power-Line can be upgraded to plus-Line

THE NEW DP2

FROM REGULAR STANDARD TO ATEX –
DP2 ONE DEVICE FOR ALL APPLICATIONS

MORE PRECISE
NOMINAL TORQUE AT
LOW PRESSURE

MORE ERGONOMIC
360° FREE ROTATION
LESS VIBRATION

MORE VARIABLE
POWER ■ ATEX
ANGULAR GEARBOX

MORE ROBUST
COATING
PRESSURE COMPENSATION



- Torque range up to 8,000 Nm
- Also available in angle version
- Two product lines to meet any demand

DP2 power-Line

Fast and ideal for your regular jobs

DP2 ATEX-Line for use in potentially explosive zones

- New pressure control and maintenance unit for greater convenience
- Powerful and compact design thanks to maximum efficiency drive

- High-quality components ensure longevity and toughness for continuous operation
- Maximum flexibility thanks to 360° free rotation and swivel joint
- Less noise, less vibration and more precision than impact wrenches
- Nominal torque already reached at low pressure
- Compensates any pressure fluctuation to ensure precise torque and minimize external influences

A STEP BEYOND FOR PROVEN QUALITY

XE1 POWER

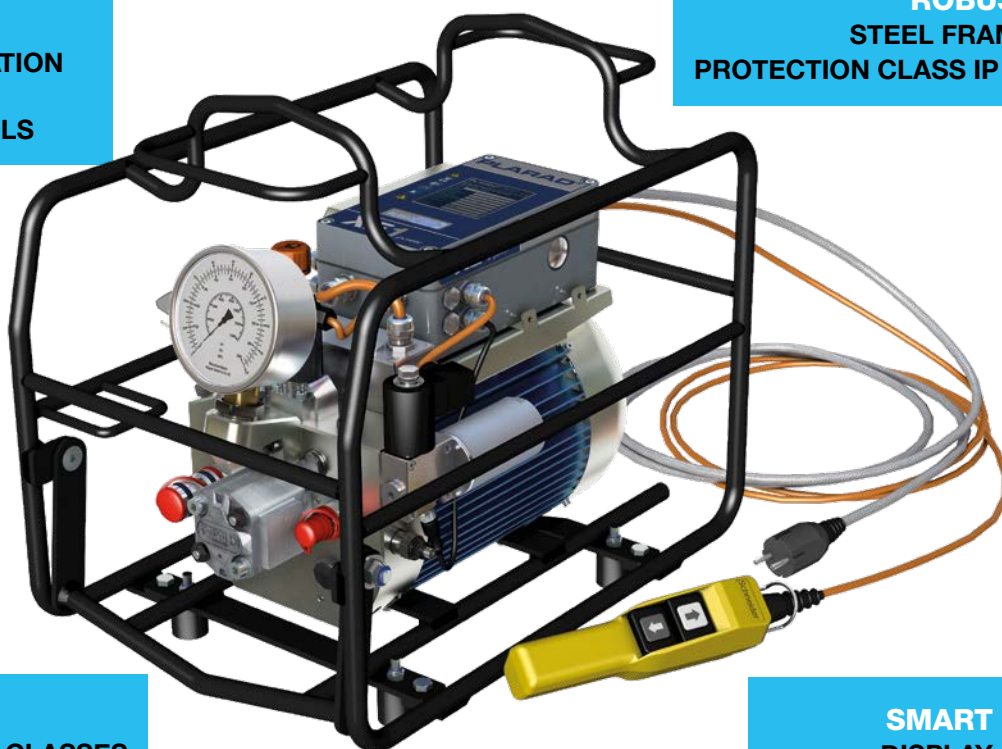
THE NEXT GENERATION POWER PACK

EASY
MANUAL OPERATION
MONO ■ TWIN
FASTENING TOOLS

ROBUST
STEEL FRAME
PROTECTION CLASS IP 54

VARIABLE
PERFORMANCE CLASSES
SPEED ■ VOLT ■ HZ

SMART
DISPLAY
NEW CONTROLS



- Starter power pack for manual use of fastening tools
- Custom-tailored thanks to modular kit
- Available in various performance classes 0.8 to 3.5 l/min at 800 bar
- High fastening speeds with the optional dual-stage version 5.4 to 13.2 l/min at 150 bar
- Available for all voltages and grid frequencies
- Run your fastening tools with one or two hoses
- User-friendly thanks to screen and remote control. Keep an eye on key operating data parameter such as motor/ fluid temperature, runtime, power consumption
- Economic thanks to optimized maintenance intervals
- Efficient thanks to patented oil-immersed-motor technology
- Long service life and sustainable thanks to pump and valve designs proven for continuous operation
- Robust and safe thanks to stable steel frame construction, even under job-site conditions
- Protection class IP 54 resistant to tough ambient conditions

Tried and
tested quality
Made in
Germany

XE1 50/60HZ

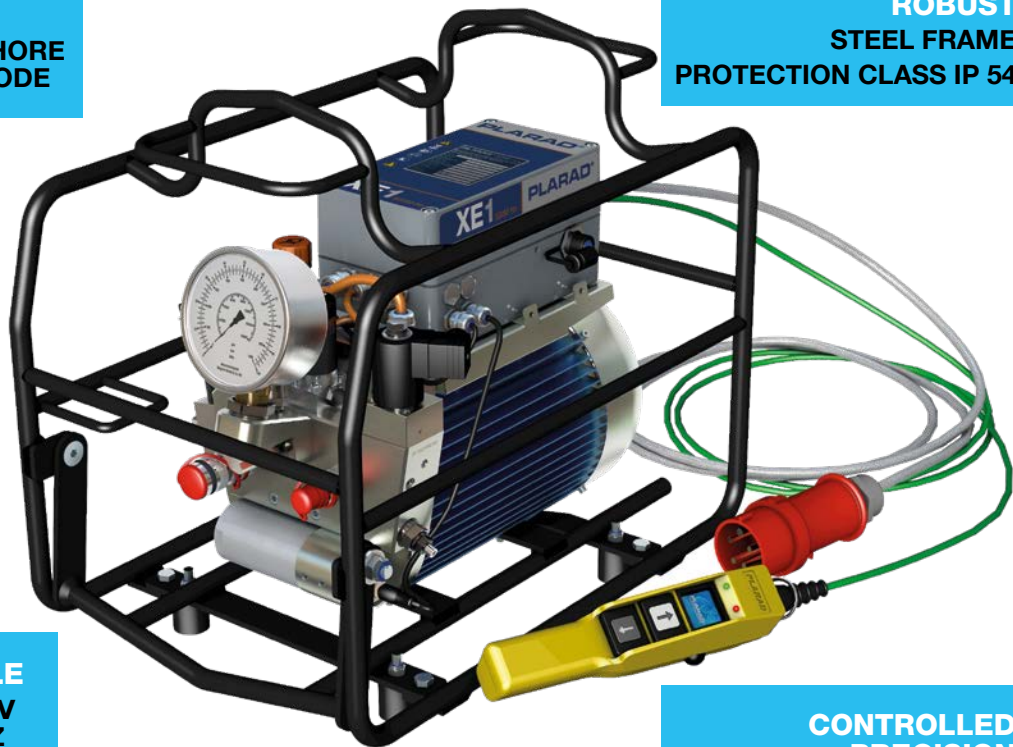
MULTIFREQUENCY POWER PACK FOR FLEXIBLE USE ON- AND OFFSHORE

FLEXIBLE
ON- AND OFFSHORE
GENERATOR MODE

ROBUST
STEEL FRAME
PROTECTION CLASS IP 54

FLEXIBLE
360-525 V
45-65 HZ

**CONTROLLED
PRECISION**
EVERYTHING ON SCREEN



- Flexibility plugged in: optimized for operation with motor generators
- Power pack with wide voltage and frequency range: 360 V-525 V, 45 Hz-65 Hz
- Wide tolerance range: frequency ± 5 Hz/voltage $\pm 10\%$
- Flexible thanks to infinitely adjustable pressure up to 800 bar
- Quick and precise with flow rates up to 3.5 l/min at 800 bar
- User-friendly remote control with colour screen. Keep an eye on key fastening operation data
- Economic thanks to optimised maintenance intervals
- Efficient thanks to patented oil-immersed-motor technology
- Long service life and sustainable thanks to pump and valve designs proven for continuous operation
- Robust heavy-duty frame and solid design will survive even rough treatment on construction sites
- Protection class IP 54 resistant to tough ambient conditions



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