

Desoutter



Industrial TOOLS



E-PULSE

Electric Pulse
Tool Range

BOOST YOUR
PRODUCTIVITY

BOOST YOUR
FLEXIBILITY

BOOST YOUR
UPTIME

More Than Productivity



E-PULSE BATTERY

PATENTED MOTOR CONTROL ALGORITHM

To reduce the reaction force

OLED DISPLAY

For tightening results like torque,
angle, batch count, pulses

4 COLOR REPORTING LED

To maximize the real-time feedback

POSITION SENSOR

To measure tightening angle, for
error proofing

POWERED BY LITHIUM-ION TECHNOLOGY

Compatible with both 18V
and 36V battery



TRANSDUCER TECHNOLOGY

Measure the torque directly, for better accuracy

MECHANICAL GEARBOX

Instead of oil pulse unit, to decrease maintenance cost

4 LIGHTNING LEDs

To illuminate the application, and to give real-time feedback directly on the parts

RFID

For contactless and easy pairing

2 BATTERY POSITIONS

For better access, and better tool balance

BOOST YOUR PRODUCTIVITY

- ▶ BY REDUCING CYCLE TIME
- ▶ BY IMPROVING JOINT QUALITY
- ▶ BY PROVIDING PROCESS QUALITY

BOOST YOUR FLEXIBILITY

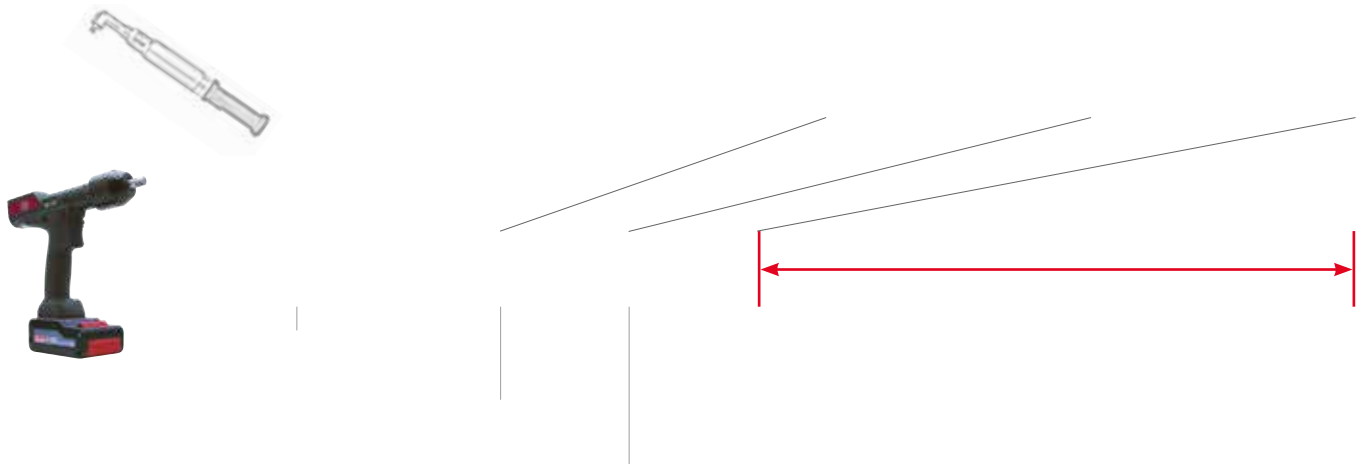
- ▶ FREE OF CABLE MANAGEMENT
- ▶ FREE OF REACTION ARM
- ▶ REDUCE TOTAL COST OF OWNERSHIP

BOOST YOUR UPTIME

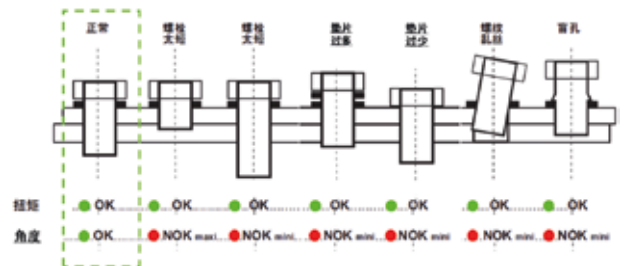
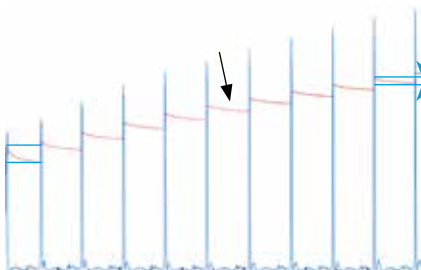
- ▶ BOOST THE UPTIME OF THE OPERATOR
- ▶ BOOST THE UPTIME OF THE TOOL

BOOST YOUR PRODUCTIVITY

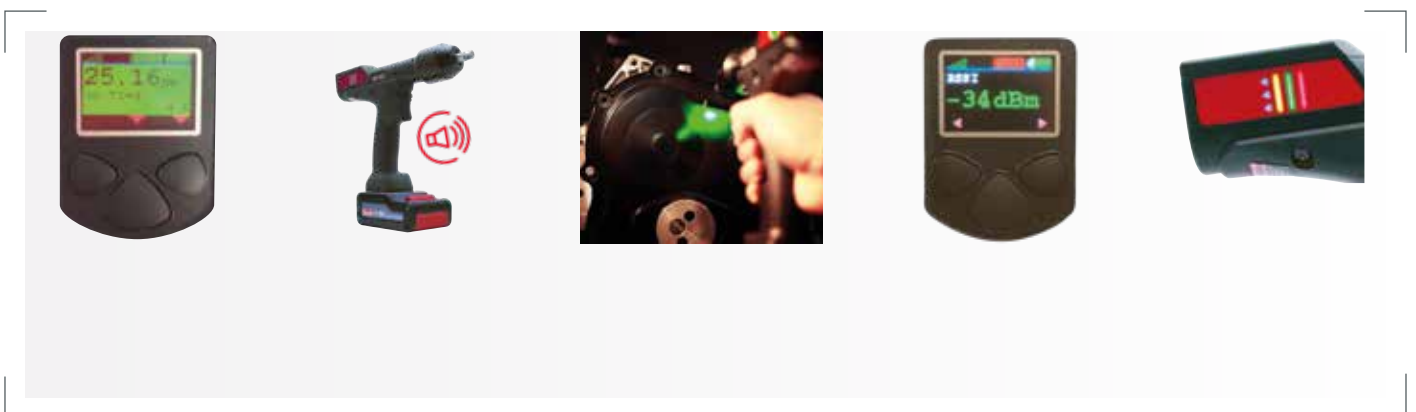
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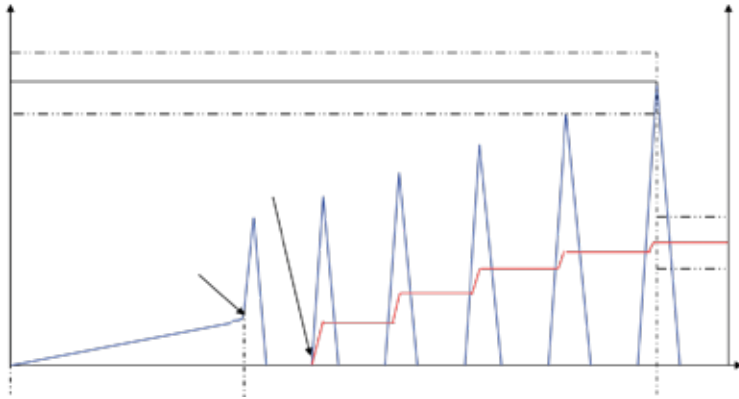
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BOOST YOUR FLEXIBILITY



BOOST YOUR UPTIME

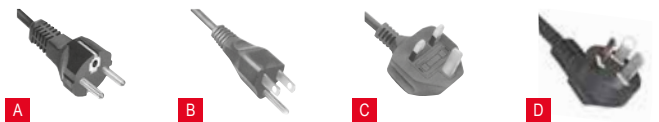


CONNECT Industrial SMART HUB



POWER CORD

To be ordered with CONNECT





E-PULSE BATTERY



ACCESSORIES



2 CABLE POSITIONS

Suitable for both vertical and horizontal applications

MULTI POSITION SUSPENSION BAIL

To reduce the operator fatigue

360° REPORTING LED

To maximize the real-time feedback

PATENTED MOTOR CONTROL ALGORITHM

To reduce the reaction force



MECHANICAL GEARBOX

Instead of oil pulse unit, to decrease maintenance cost

TRANSDUCER TECHNOLOGY

Measure the torque directly, for better accuracy

ERGONOMIC HANDLE

To provide better grip

BOOST YOUR PRODUCTIVITY

- ▶ BY REDUCING CYCLE TIME
- ▶ BY IMPROVING JOINT QUALITY
- ▶ BY PROVIDING PROCESS QUALITY

BOOST YOUR FLEXIBILITY

- ▶ FREE OF REACTION ARM
- ▶ REDUCE TOTAL COST OF OWNERSHIP
- ▶ EASY CABLE MANAGEMENT

BOOST YOUR UPTIME

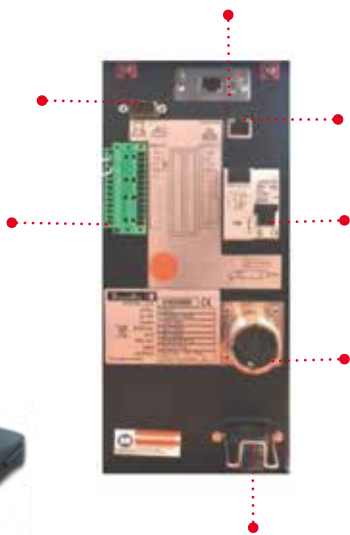
- ▶ BOOST THE UPTIME OF THE OPERATOR
- ▶ BOOST THE UPTIME OF THE TOOL

FULL TRACEABILITY



SOFTWARE OVER ETHERNET

- CVIPC 2000
- CVI NET WEB
- Toolsnet
- Open protocol
- Desoutter protocol



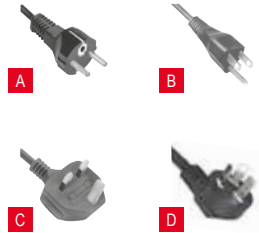
FIELDBUSES

- Ethernet IP
- Profinet
- Profibus DP
- Devicenet
- CC-Link

RS 232C

- Barcode reader
- results after each tightening
- Poka Yoke

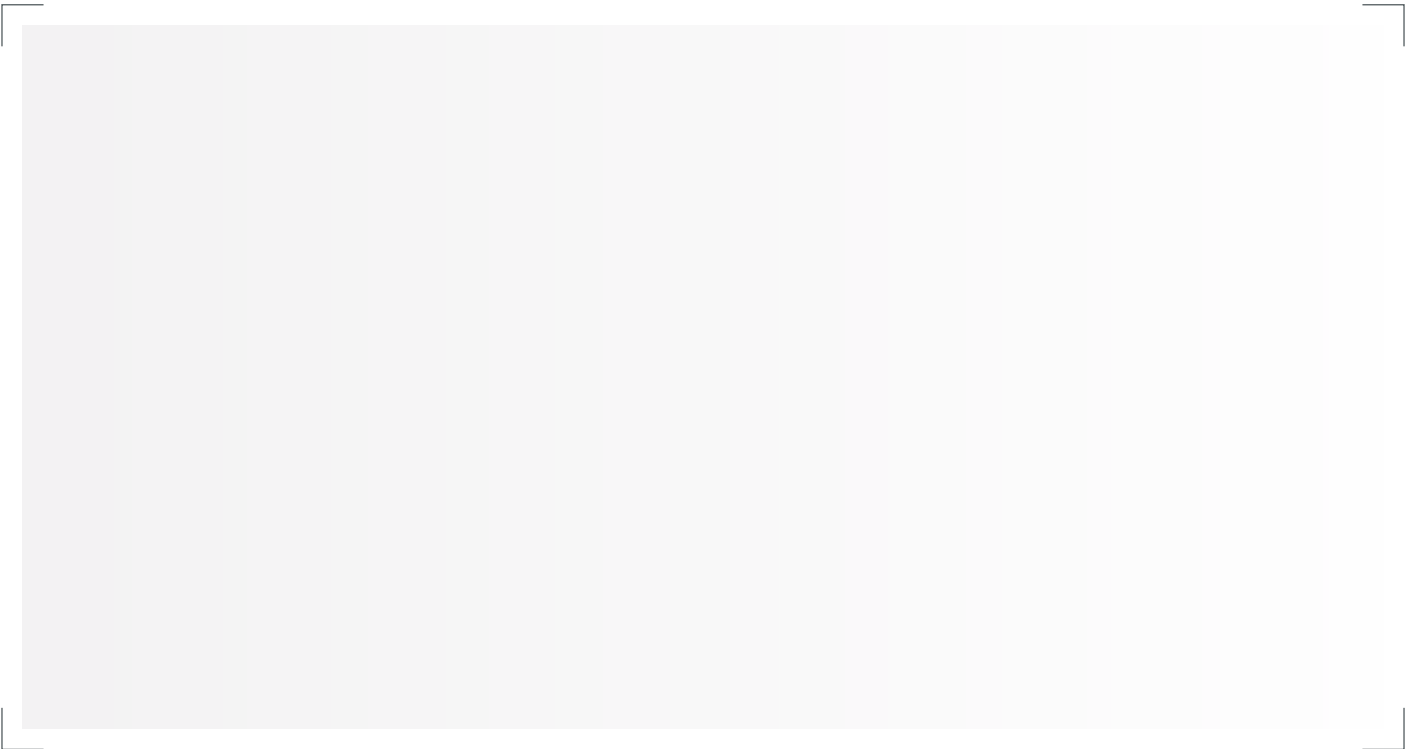
CONTROLLER - CVIL II



POWER CORD

To be ordered with controller

FEATURES



E-PULSE CABLE



A



B



E



C



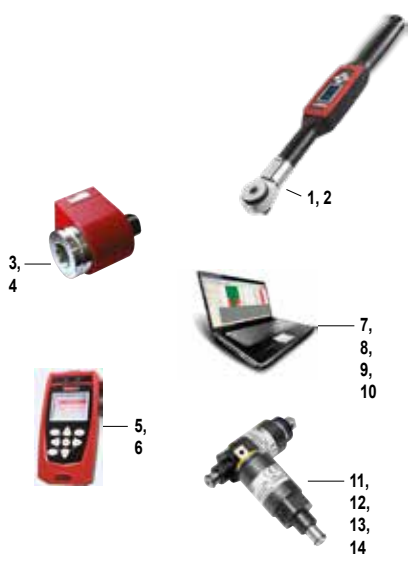
D



F



ACCESSORIES



MAINTENANCE SOLUTIONS
**REDUCE BREAKDOWNS AND
 EXTEND TOOL LIFE TO BOOST
 COST EFFICIENCY, UPTIME
 AND PRODUCTIVITY**

Basic Care

A flexible fixed price preventive maintenance program with calibration that includes wear parts and labour.

Smart Care

A fixed price preventive maintenance plan with calibration and repairs included*. The maintenance is optimised according to the tool usage. All wear parts are replaced at the right time.

Peace of mind

Onsite maintenance and production support that includes:
 An optimised preventive maintenance plan with calibration and repairs included*.
 Plus technical support for trouble shooting, optimisation and operator coaching to maximise the efficiency of your tools.

* Except in case of misuse or abuse



SMART START
HIGH PERFORMANCE, RIGHT FROM THE START!

A fast, high quality installation with no delays that ensures tool accuracy and optimum set-up.



PRODUCTION SUPPORT ON-SITE SUPPORT TO HELP BOOST UPTIME AND PRODUCTIVITY

On-site technicians

Our certified technicians are on hand to quickly solve any on-site issues detected or identify process improvement opportunities.

Certification Training

Develop your technicians' knowledge on troubleshooting and assembly technics. Improve the interaction with Desoutter for efficient remote support.

BOOST YOUR UPTIME

- ▶ Preventive Maintenance significantly reduces breakdowns and therefore production stops. Uptime is improved.
- ▶ Our experienced on-site technicians know your applications and are on hand to support your team. This allows early detection and resolution of problems, Your uptime is further improved.

BOOST YOUR PRODUCTIVITY

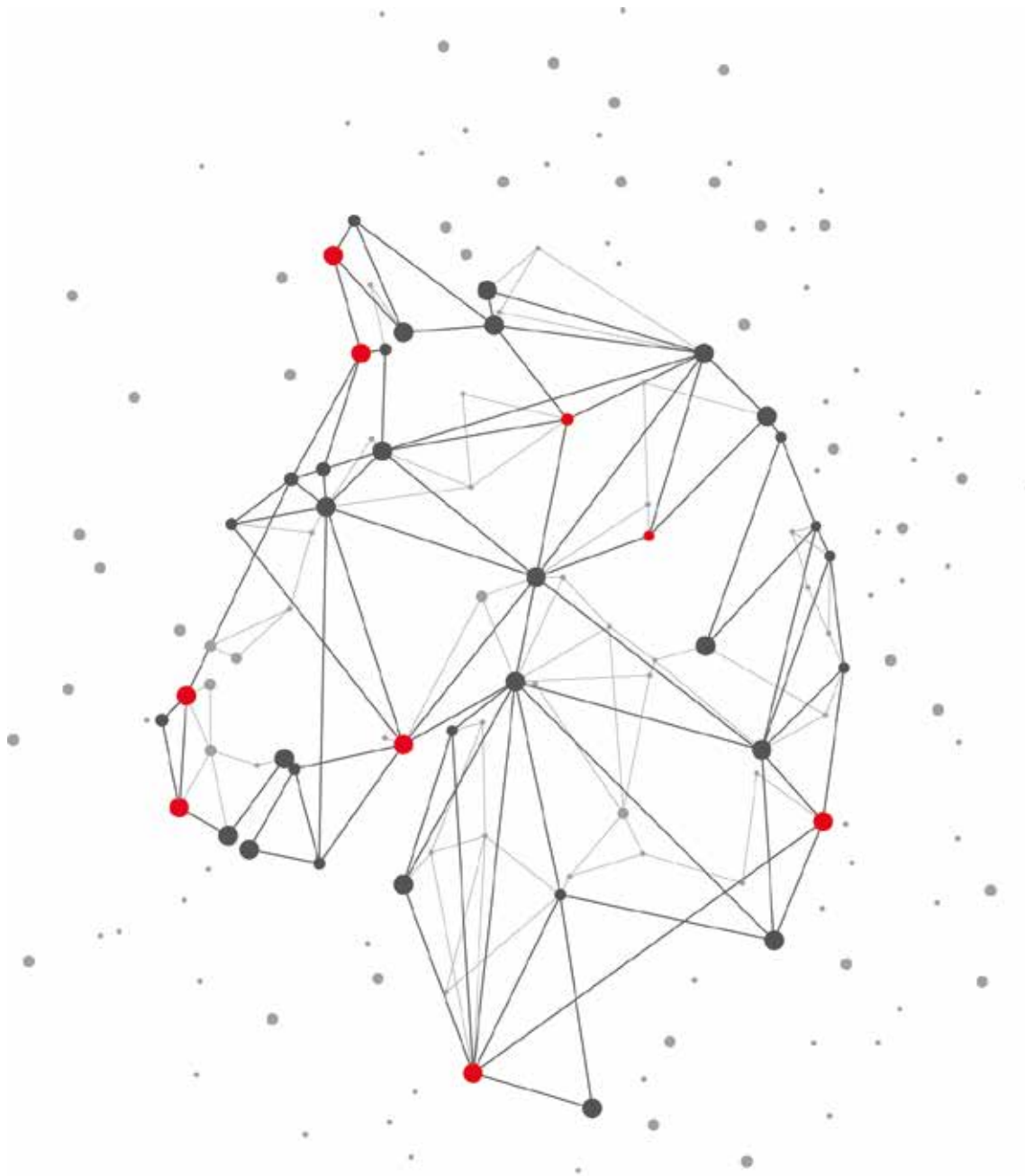
- ▶ Desoutter on-site technicians will coach and support your teams on how to get the best from your equipment. This helps to reduce errors and rework, boosting productivity and quality.
- ▶ Our on-site technicians will help your team to identify and implement process improvements to help you further boost productivity.

BOOST YOUR MAINTENANCE COST EFFICIENCY

- ▶ Preventive Maintenance decreases breakdowns and extends tool life. This significantly reduces repair and administration costs.

BOOST YOUR FLEXIBILITY

- ▶ All our service solutions can be tailored to your exact needs to ensure maximum flexibility in your production locally or worldwide.



DESOUTTER 4.0

www.desouttertools.com/industry-4-0/desoutter-4-0

More Than Productivity