

*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

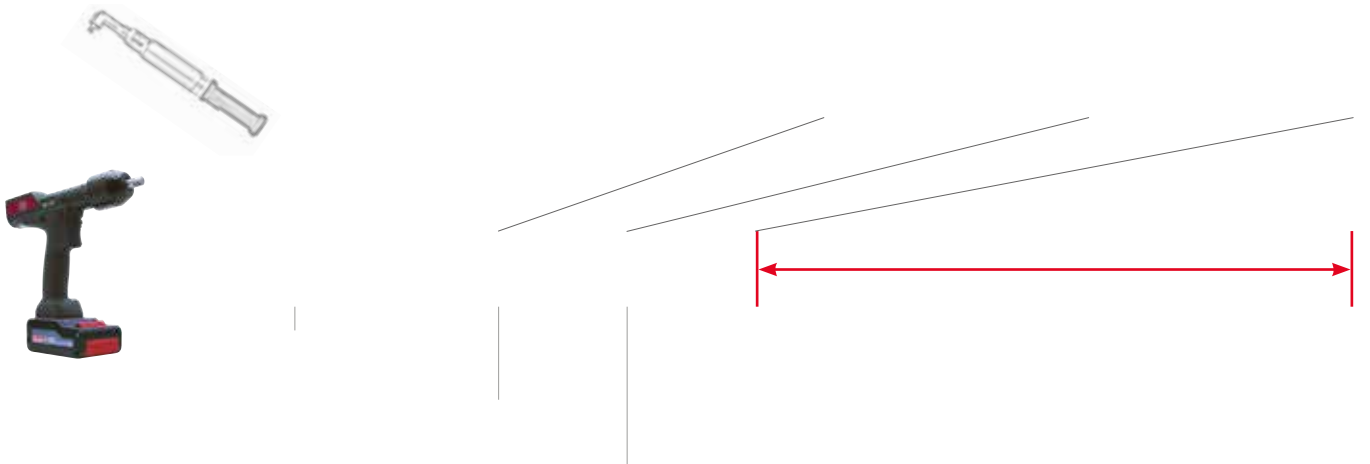
- ▶ FREE OF CABLE MANAGEMENT
- ▶ FREE OF REACTION ARM
- ▶ REDUCE TOTAL COST OF OWNERSHIP

## BOOST YOUR UPTIME

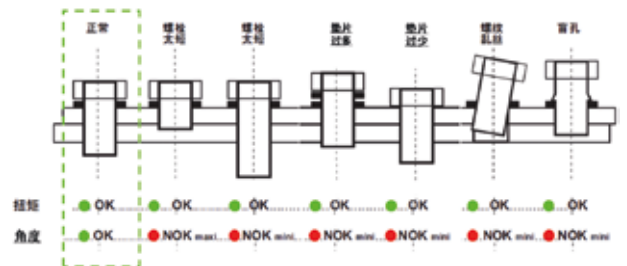
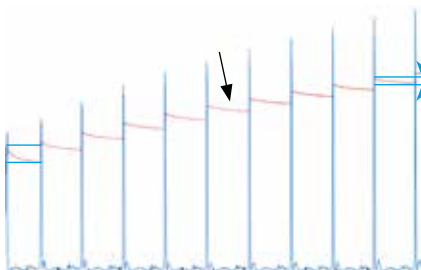
- ▶ BOOST THE UPTIME OF THE OPERATOR
- ▶ BOOST THE UPTIME OF THE TOOL

## BOOST YOUR PRODUCTIVITY

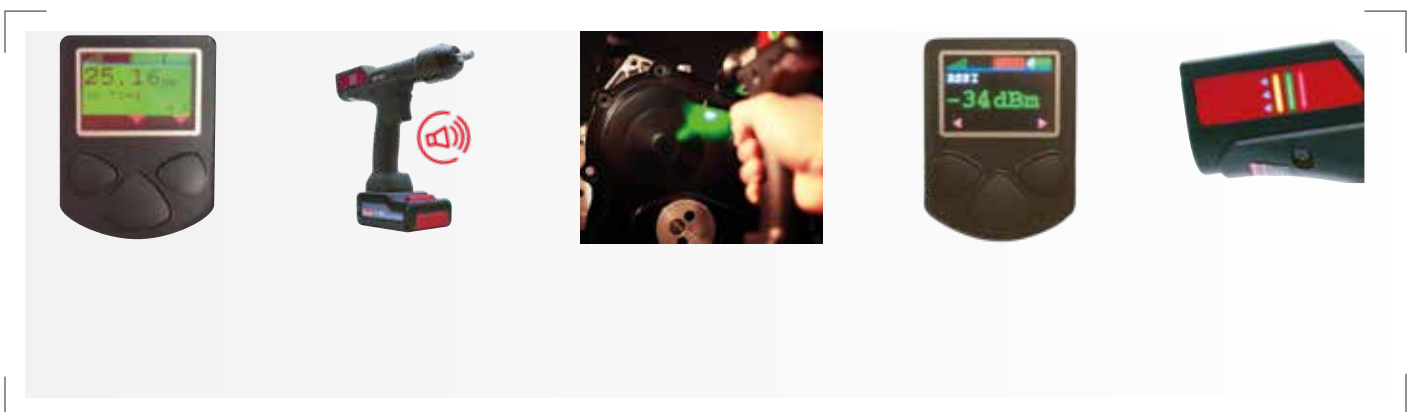
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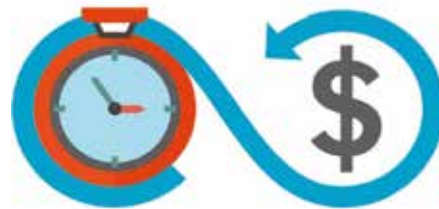
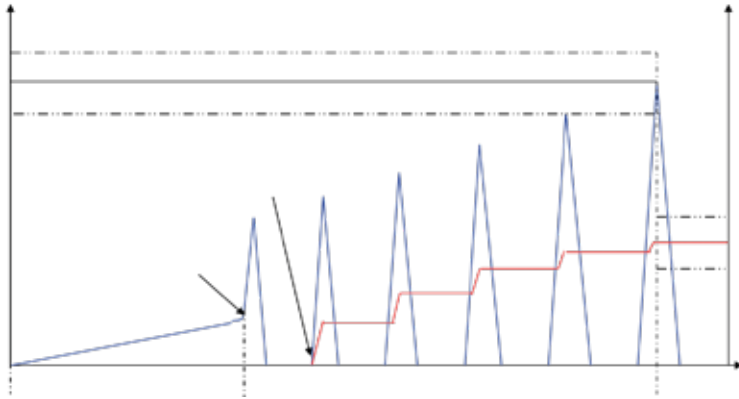
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**BOOST YOUR FLEXIBILITY**



**BOOST YOUR UPTIME**

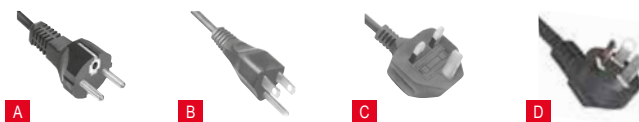


## CONNECT Industrial SMART HUB



### 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

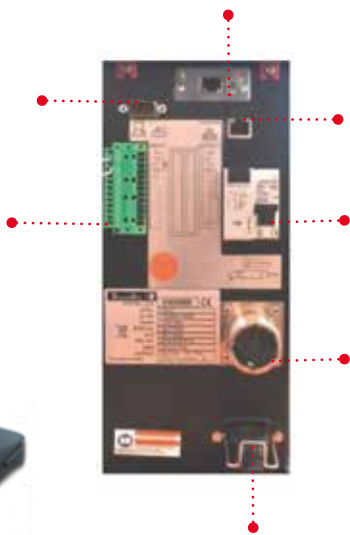
- ▶ BOOST THE UPTIME OF THE OPERATOR
- ▶ BOOST THE UPTIME OF THE TOOL

# FULL TRACEABILITY



## SOFTWARE OVER ETHERNET

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



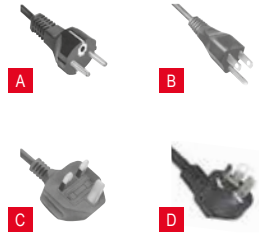
## FIELDBUSES

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

## RS 232C

- Barcode reader
- results after each tightening
- Poka Yoke

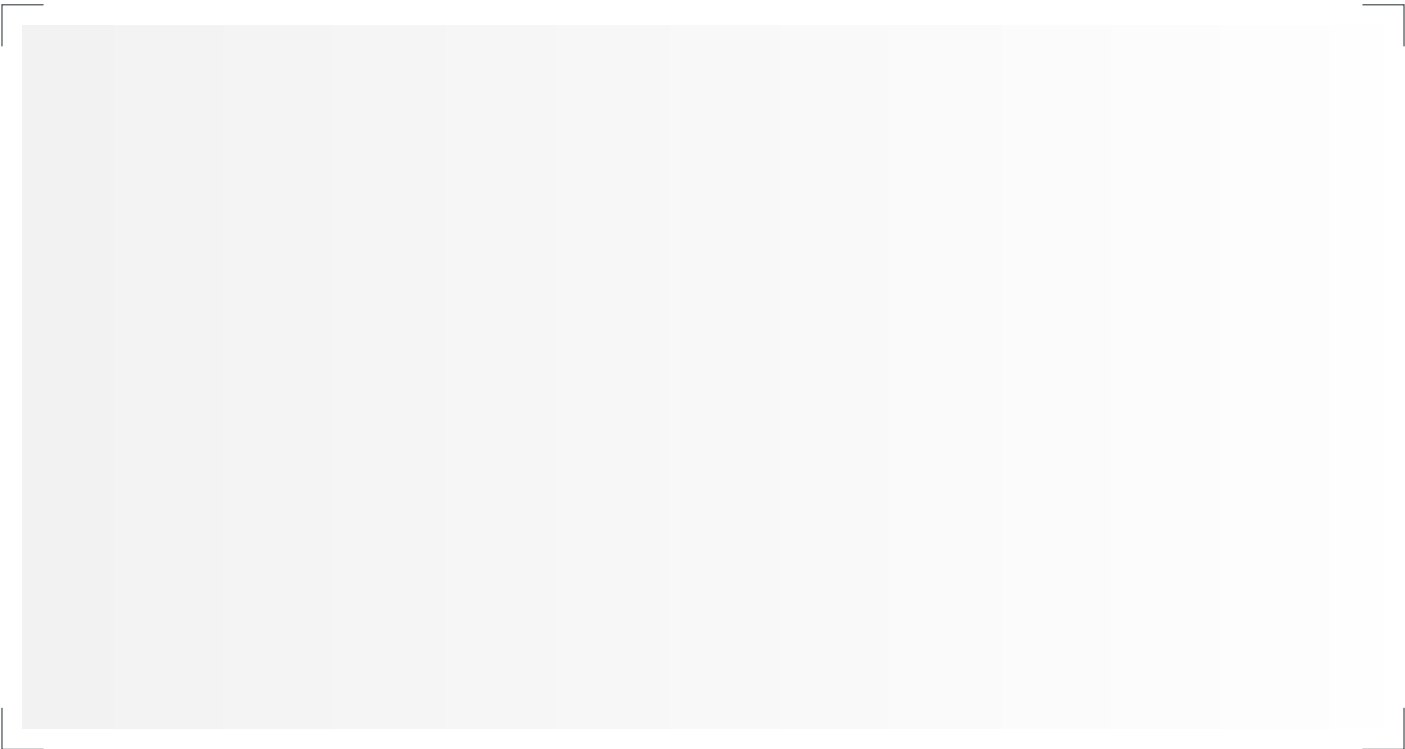
# CONTROLLER - CVIL II



## POWER CORD

To be ordered with controller

## FEATURES



## E-PULSE CABLE



A



B



E



C



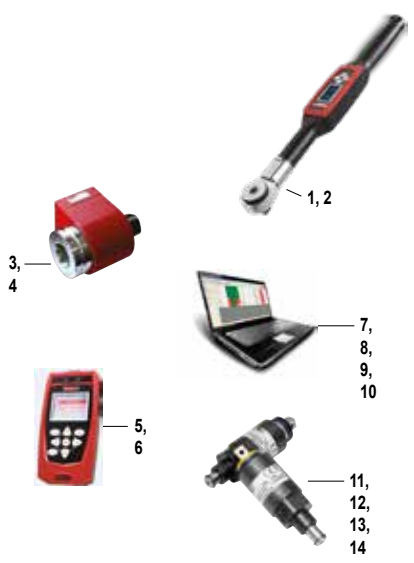
D



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.

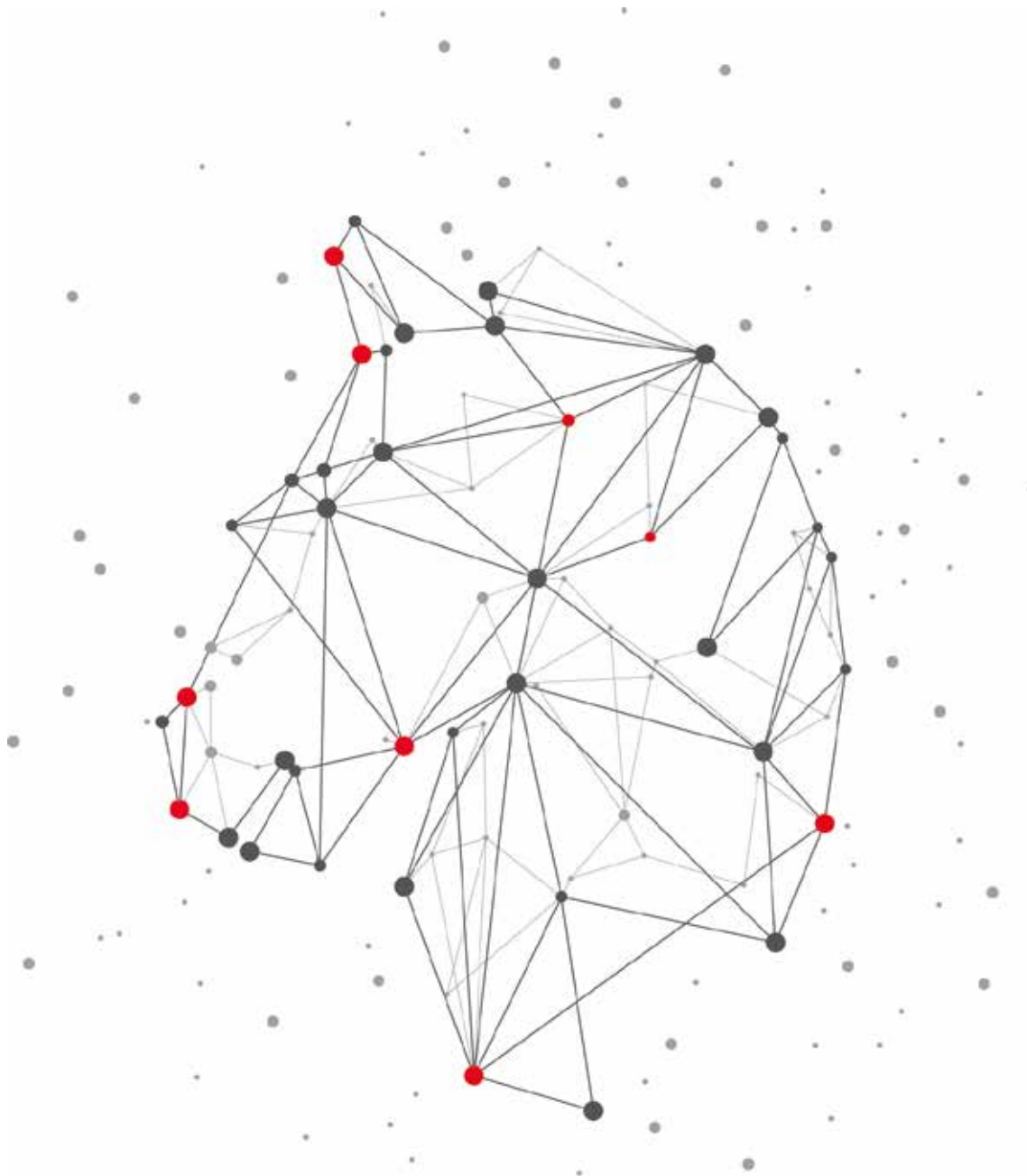
## BOOST YOUR MAINTENANCE COST EFFICIENCY

- ▶ 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](http://www.desouttertools.com/industry-4-0/desoutter-4-0)

# More Than Productivity