CVIP

The Ultimate Power Tools

► Torque or Torque & Angle
► Digital transducer control
► Setup in less than 60 secs
► Maintenance Free
► Low Life Cycle Cost

Exclusively from CP

www.plugandtighten.com
CVIP - Plug & Tighten

The Assembly Revolution - Ultimate Precision, Control & Quality

Unbeatable Assembly Quality

- Integrated digital transducer gives accurate fastening (up to 3% at 6 Sigma)
- Tested to ISO 5393
- Easy to read LED display

Torque or Torque & Angle assembly strategy

Simple operation - plug in and use in seconds

- Plugs into standard 230V/110V
- Auto program with self-learning mode
- Tamper proof torque programming, either directly on tool or from pocket PC

AUTO Set up in seconds

- Shock resistant, composite handle
- Optional 2 hand start for tubenut applications, or lower lever position for in-line tools

Advanced communication & control

- Interface via bluetooth pocket PC (Windows Mobile 2003)
  Program, view results, calibrate...

Advanced Control & Integration

Flexible assembly - adapt to all applications

- Modular, changeable outputs
- Torque capacity up to 50 ft lbs (65Nm)
- 2nd lever start optional for tubenut applications

A Solution for all Applications
Ergonomics

Change your expectation of assembly tools

- Faster assembly cycle
- Significantly longer tool life
- Maintenance free brushless motor
- Gearbox durability tested to well over 2 million cycles
- Energy consumption is significantly less than traditional tools

**Tool has lowest life cycle cost available**

Ergonomic

- Low weight, low noise, low torque reaction
- Excellent weight distribution, easy to read display
- Safety compliant under INTERNATIONAL STANDARD IEC 60745

**Proven comfort designed with operator input**

Sound level <70dB(A)\* and vibration value <2.5 m/s²*, in accordance with EN60745.

*These declared values were obtained by laboratory testing in compliance with stated standards and are not adequate for risk assessments. Values measured in individual work places may be higher than the declared values. The actual exposure values and risk of harm experienced by an individual are unique and depend upon the way the user works, the workplace and the work station design, as well as upon the exposure time and the physical condition of the user.

We CP cannot be held liable for the consequences of using declared values, instead of values reflecting the actual exposure, in an individual risk assessment in a work place situation over which we have no control.

Tools are CE marked to comply with European Machinery - low voltage and EMC Directives.

Specifications subject to change without prior notice.

Further occupational health and safety information can be obtained from the following web sites:

http://www.osha.gov (USA)
http://europe.osha.eu.int (Europe).
CVIP - Right angle & in-line tools

3 to 65 Nm (2.2 to 47.9 ft.lbf.)

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ACCESSORIES

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<td>2 2nd lever start option</td>
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<td>3 Reaction handle</td>
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<td>4 Horizontal Bail, included with the tool</td>
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<td>5 Horizontal Bail, swivel</td>
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<td>6 Vertical Bail</td>
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<td>7 Reaction bar ring, included with the tool</td>
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<td>- Plastic protective cover EAP-15/20/30</td>
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<td>- CVIPocket software (Windows mobile 2003)</td>
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CP's full range of electric assembly solutions

**SLE**
Low Torque Solutions

**CVIC**
Current Controlled Solutions

**CS2100/CS4100**
Torque & Angle Solutions

**CVI**
Torque & Angle Solutions

**Customised Solutions**

- The low voltage SLE screwdrivers offer an economic solution for low torque applications.
- The CVIC range is one of the easiest to program controllers on the market.
- CS2100, CS4100 and CVI series controllers offer transducerized tools where high performance is required.
- Our Application Centers provide customer specific solutions.
- Torque & angle measurement solutions available on all controller based products.
Please find your local contact at: www.cp.com