Corded Electric Assembly Tools

1 MILLION CYCLES MAINTENANCE-FREE*
Get Ready to Streamline Your Assembly Line.

Streamline your assembly line and increase your return on investment. Manufacturing solutions that improve productivity, and decrease system and maintenance costs are in high demand.

The Cleco® NeoTek™ fastening system is the next generation of smart tool solutions. NeoTek exceeds the industry’s most demanding assembly requirements by combining over 50 years of experience with smart technology. The NeoTek 30 and 50 series tools have angle heads that were engineered to provide 1 million cycles maintenance-free*, while delivering class-leading repeatability of 2.0 Cm/Cmk at +/- 7%.

NeoTek’s tool cable features an industry-first quarter turn twist-lock design, thus eliminating one of the leading causes of tool cable failure: damaged threads. The use of digital communication from tool to controller reduces the number of tool cable conductors from 28 to 8, significantly decreasing cable diameter and reducing weight by 50%.

The centerpiece of the system is the Cleco mPro400GC-Hybrid Controller, which features a large touchscreen with an easy-to-use software interface. Programming can be done directly from the unit or remotely from a PC using provided license-free software.

The Cleco mPro400GC-Hybrid Controller supports industry standard protocols and fieldbus communication which allows for easy integration into any manufacturing environment.

*Based on recommended tool model torque range and clockwise rotation.
More than double the life of our existing tool cable.

Indicator line for installation & maintenance support.

Wide variety of tool and extension cable lengths up to 45 meters.

Quarter-turn cable connection to controller.

Backwards compatible with existing Cleco corded electric assembly tools.

Up to 16 corded with secondaries/cordless tools per controller, reducing total cost of ownership.

Market-leading software user interface with configurable architecture.

ARCnet and TSnet system bus.

Hybrid controller designed to work seamlessly with Cleco Software Suite & other workstation torque/process management solutions.

NeoTek system is future proof with software/hardware architecture designed to meet & exceed Industry 4.0 requirements.

Supports applications that require up to 45 meter tool cables.

67 Series tools no longer require an isolation transformer.

Optional: AnyBus® field bus modules for system integration.

Real Global Controller for all regions with compliance certifications for IEC, UL, CSA, CE, EAC.

Superior operator protection with galvanic isolated power supply.

Elimination of GFCI maintenance support.

Configurable two-position start switch.

Non-contacting, long-lasting switches.

Cable weight reduced by 50% over existing cable.

Integrated tool cable memory for preventative maintenance.

Quarter-turn tool cable connection.

Tactile & audible operator feedback.

Configurable multi-function buttons.

Configurable LED light rings.

Data logging with on-board tool memory.

Preventive maintenance alerts.

Digital communication for reliable performance.

Internal temperature monitoring.

21% lighter (tool/cable system) than existing tool family.

Lightweight, smooth body design.

Head configurable in 30° increments.

1 million cycles maintenance-free.

Repeatability & accuracy with 2.0 Cm/Cmk at +/- 7%.

20% shorter cable than existing tool family.

Cable weight reduced by 50% over existing cable.

Integrated tool cable memory for preventative maintenance.

Quarter-turn tool cable connection.

Tactile & audible operator feedback.

Configurable multi-function buttons.

Configurable LED light rings.

Data logging with on-board tool memory.

Preventive maintenance alerts.

Digital communication for reliable performance.

Internal temperature monitoring.

21% lighter (tool/cable system) than existing tool family.

Lightweight, smooth body design.

Head configurable in 30° increments.

1 million cycles maintenance-free.

Repeatability & accuracy with 2.0 Cm/Cmk at +/- 7%.

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Digital communication for reliable performance.
### 30 Series - Right Angle
**Low Torque Applications**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Torque Range (Nm)</th>
<th>Torque Range (ft-lb)</th>
<th>Speed</th>
<th>Weight (kg)</th>
<th>Weight (lb)</th>
<th>Length</th>
<th>Side to Center</th>
<th>Height</th>
<th>Output Drive</th>
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### 50 Series - Right Angle
**Medium Torque Applications**

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### Controller

<table>
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<tr>
<th>Model Number</th>
<th>Tool Compatibility</th>
<th>Weight (kg)</th>
<th>Weight (lb)</th>
<th>Width (mm)</th>
<th>Width (in)</th>
<th>Height (mm)</th>
<th>Height (in)</th>
<th>Depth (mm)</th>
<th>Depth (in)</th>
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<tbody>
<tr>
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<td>Cleco NeoTek 30/50 Series, 18/48 Series, 3/8 Sq. Drive</td>
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*Adapter cable required for 17/47/67 Series tool

**Requires quote to accommodate hardware configurations**

### Mechanical Accessories

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<th>Part Number</th>
<th>Type</th>
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<tr>
<td>T50-300048</td>
<td>Suspension Bail - Fixed</td>
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<tr>
<td>T50-300060</td>
<td>Suspension Bail - Offset, Fixed</td>
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<tr>
<td>T50-300063</td>
<td>Suspension Bail - Swivel</td>
</tr>
<tr>
<td>T50-300061</td>
<td>Suspension Bail - Offset, Swivel</td>
</tr>
<tr>
<td>T50-300064</td>
<td>Reaction Bar - 50 Nm</td>
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<tr>
<td>T50-300065</td>
<td>Reaction Bar - 80 Nm</td>
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<tr>
<td>T50-300066</td>
<td>Reaction Bar - 110 Nm</td>
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<tr>
<td>T50-300067</td>
<td>Reaction Bar - 150 Nm</td>
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<tr>
<td>T50-300068</td>
<td>Reaction Bar - 205 Nm</td>
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<td>T50-300072</td>
<td>Body Extension - 59 Nm</td>
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<td>T50-300071</td>
<td>Body Extension - 80 Nm</td>
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<td>T50-300069</td>
<td>Body Extension - 110 Nm</td>
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<td>T50-300070</td>
<td>Body Extension - 150 and 205 Nm</td>
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### Electrical Accessories

<table>
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<th>Part Number</th>
<th>Type</th>
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<tr>
<td>942396PT</td>
<td>Gyroscope</td>
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<tr>
<td>943462PT</td>
<td>Tool Light</td>
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<tr>
<td>961789PT</td>
<td>14 / 47 / 67 Series Tool Adapter Cable</td>
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</tbody>
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