

**Cleco®**

***Productivity is #1***



***The New  
Cleco D Series  
Pulse Tools***

**COOPER**  PowerTools

# The New Cleco Pulse

Introducing the new Cleco D Series pulse tool family which combines our legendary durability with our customer's increasing demands for productivity.

Industry first motor design and revolutionary preventative maintenance distance the new D Series from the competition. With outstanding ergonomics, you'll never want to put this tool down.

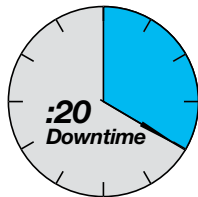
D Series redefines productivity by performing the job faster and staying on the job longer.



## 3X Increase Between Oil Changes.

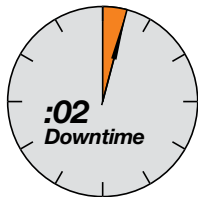
- Adjustable pulse chamber volume
- Tool achieves full torque after preventative maintenance
- No special tools needed

*The average tool is out of service almost 20 minutes for maintenance of hydraulic impulse unit.*



Average Tool

*With Cleco's patented design, maintenance time is only 2 minutes!*



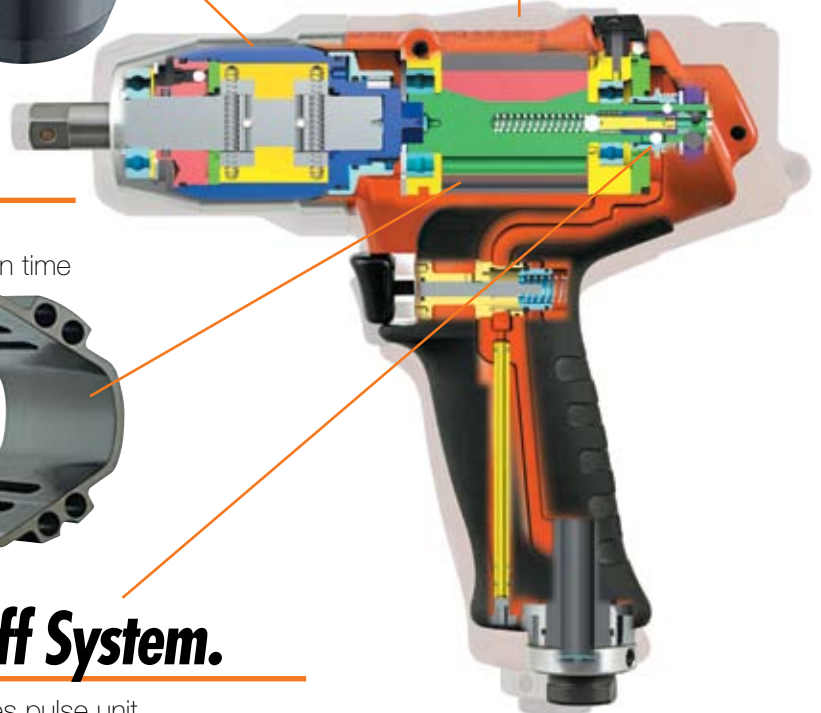
New Cleco D Series



*The new D Series, shown actual size, is considerably smaller and lighter than the old 55PTH ghosted in the background.*

## 3-Chamber Air Motor.

- Increased motor torque, lowers cycle time
- Usable high-end speed minimizes rundown time
- Unique design reduces blade wear



## Inertial Shut-off System.

- Onboard shut-off simplifies pulse unit
- Inertial shut-off removes variability due to pulse fluid

# Best Tools = Productivity



## Easy Set-Up

- Insert 2mm hex into rear port of tool
- Positive stops in both directions to prevent loss and/or damage
- No confusion on which screw to adjust



## Ships Ready For Error Proofing

- Works with existing TVP torque verifier
- Located near air inlet to maximize ergonomics



Standard air signal indicating tool shutoff for use with Cleco TVP Error Proofing System.

**Cleco**<sup>®</sup>

# Cleco D Series Specifications

Model Number	Drive Type	Torque Range		Free Speed	Weight		Working CFM	Recommended Hose Size
		Ft. -Lbs.	Nm	RPM	lbs.	kg		
35PTH65Q	1/4" QC	14.7-25.8	20-35	6500	2.2	1.0	16	3/8"
35PTH653	3/8" Sq.Dr.	14.7-25.8	20-35	6500	2.2	1.0	16	3/8"
55PTH603	3/8" Sq.Dr.	22.1-40.5	30-55	6000	2.4	1.1	19	3/8"
80PTH60Q	7/16" QC	36.9-59	50-80	6000	3.2	1.45	19	3/8"
80PTH604	1/2" Sq.Dr.	36.9-59	50-80	6000	3.1	1.4	19	3/8"

**General:**  
Tools rated at 6.0 bar (87 PSI)  
Tools rated at < 80 dBA

**Standard Equipment:**  
Suspension bail; torque adjustment screwdriver; Torque error proofing signal port.

## Accessories



### Cleco TVP-100 Series Torque Verifier

- Verifies fastener installation with **OK/NOK** audio and visual indicators
- On screen verification of individual fastener assembly status with batch count

Model Number		Language
115VAC	230VAC	
TVP-110-15-U	TVP-110-30-U	English
TVP-110-15-D	TVP-110-30-D	German
TVP-110-15-S	TVP-110-30-S	Spanish
TVP-110-15-P	TVP-110-30-P	Portuguese

All model numbers include power cable, air signal transducer, 25 foot cable to connect TVP to air signal transducer, and 8 foot air line to connect transducer to tool.

### 7/16" Quick Change Chuck 935472



- For 55 Nm tools
- Pilot on output shaft to minimize runout



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## The New Cleco Pulse Tools

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