

Cleco

Tame the Line

CellClutch[®]
Cordless Assembly Tools



**CellClutch Cordless
Assembly Tools
deliver simple,
programmable
torque control to
your line.**

Simplicity and intelligence merge with our newest innovation in cordless tools. CellClutch® delivers torque control for functional joints, programmable with up to 7 stages to prevent cross-thread errors, has RPM speed control, and provides repeatability and fastening accuracy during the assembly tightening process.

Eliminate Over Torque Damage

Contactless electronic switch shuts off tightening rotation when required torque is reached.

Reduced Operator Error

Pre-set torque, “ok” “not ok” green and red lights make tool operation simple.

Eliminate cross threads and errors during rundowns with programmable speeds and strategies.

Reliable Single Battery Platform

Milwaukee® M18 Red Lithium battery can be used across the entire Cleco cordless range to reduce complexity and costs in your plant.



Powered by the Milwaukee® M18 Red Lithium battery platform and available in WiFi/Bluetooth® connected versions, Cleco tools can seamlessly communicate with the Cleco mPro™ line of controllers using both WiFi (2.4 & 5 GHz) and Bluetooth v4.2 (Low Energy and BR/EDR) wireless communication in a single convenient tool. With CellClutch, tool intelligence has never been so simple.

Quick Tool Installation

Setting the preferred torque is a quick and easy 3-step process: Complete a rundown, read the torque and make adjustments, complete another rundown to verify required torque is met.

Software Included at No Extra Charge

Reduce total cost of ownership with CellClutch software included with tool purchase.

Connected Advantage*

WiFi (2.4 & 5 GHz) and Bluetooth v4.2 (Low Energy and BR/EDR) wireless communication for easy-to-program setting adjustments, live reporting, traceability, and batch counting through the mPro controller platform.

* Available in Connected version only, mPro controller sold separately.

* Bluetooth is a registered trademark owned by Bluetooth SIG, Inc.

Accuracy

Accuracy - Cmk > 1.67 +/- 10%

Speed Control

Easily change the tool's RPM settings to meet the required application requirements.

Ergonomic

Lightweight, cordless design eliminates the need for bulky cords and hoses.

Improved Visibility

Built-in LED worklight illuminates the work surface to reduce strain.



RIGHT ANGLE



MODEL NUMBER	SPEED		Nm		Ft-lb		WEIGHT* kg (lb)	LENGTH mm (in)	SIDE TO CENTER mm (in)	HEIGHT mm (in)	OUTPUT	WIFI / BLUETOOTH
	r/min	r/max	Min Torque	Max Torque	Min Torque	Max Torque						
CLBA083	92	915	2.2	8	1.6	5.9	1.46 (3.2)	453 (17.8)	12.5 (0.5)	76 (3.0)	3/8" Square Drive	
CLBAW083**	92	915	2.2	8	1.6	5.9	1.46 (3.2)	453 (17.8)	12.5 (0.5)	76 (3.0)	3/8" Square Drive	•
CLBA123	65	650	3.3	12	2.4	8.8	1.46 (3.2)	453 (17.8)	12.5 (0.5)	76 (3.0)	3/8" Square Drive	
CLBAW123**	65	650	3.3	12	2.4	8.8	1.46 (3.2)	453 (17.8)	12.5 (0.5)	76 (3.0)	3/8" Square Drive	•
CLBA203	36	360	8.3	21	6.1	15.5	1.73 (3.8)	493 (19.4)	15.0 (0.6)	76 (3.0)	3/8" Square Drive	
CLBAW203**	36	360	8.3	21	6.1	15.5	1.73 (3.8)	493 (19.4)	15.0 (0.6)	76 (3.0)	3/8" Square Drive	•
CLBA303	26	255	8.3	30	6.1	22.1	1.73 (3.8)	493 (19.4)	15.0 (0.6)	76 (3.0)	3/8" Square Drive	
CLBAW303**	26	255	8.3	30	6.1	22.1	1.73 (3.8)	493 (19.4)	15.0 (0.6)	76 (3.0)	3/8" Square Drive	•
CLBA403	19	185	15.1	41	11.1	30.2	1.83 (4.0)	514 (20.2)	18.5 (0.7)	76 (3.0)	3/8" Square Drive	
CLBAW403**	19	185	15.1	41	11.1	30.2	1.83 (4.0)	514 (20.2)	18.5 (0.7)	76 (3.0)	3/8" Square Drive	•
CLBA653	12	115	16	65	11.8	47.9	1.93 (4.3)	526 (20.7)	19 (0.75)	76 (3.0)	3/8" Square Drive	
CLBAW653**	12	115	16	65	11.8	47.9	1.93 (4.3)	526 (20.7)	19 (0.75)	76 (3.0)	3/8" Square Drive	•

*Values do not include battery. 2.0 Ah Battery weighs 0.43 kg. 5.0 Ah Battery weighs 0.72 kg.

**Region Model Numbers: -NA (North America), -EU (EMEA), -CN (China), -00 (Rest of World)

PISTOL



MODEL NUMBER	SPEED		Nm		Ft-lb		WEIGHT* kg (lb)	LENGTH mm (in)	SIDE TO CENTER mm (in)	HEIGHT mm (in)	OUTPUT	WIFI / BLUETOOTH
	r/min	r/max	Min Torque	Max Torque	Min Torque	Max Torque						
CLBP04Q	177	1500	1.1	4	0.8	2.9	1.1 (2.4)	218 (8.6)	29 (1.14)	209 (8.2)	1/4" Quick Change	
CLBPW04Q**	177	1500	1.1	4	0.8	2.9	1.1 (2.4)	218 (8.6)	29 (1.14)	209 (8.2)	1/4" Quick Change	•
CLBP08Q	100	985	2.1	8	1.5	5.9	1.1 (2.4)	218 (8.6)	29 (1.14)	209 (8.2)	1/4" Quick Change	
CLBPW08Q**	100	985	2.1	8	1.5	5.9	1.1 (2.4)	218 (8.6)	29 (1.14)	209 (8.2)	1/4" Quick Change	•
CLBP12Q	70	700	3.2	12	2.4	8.8	1.1 (2.4)	218 (8.6)	29 (1.14)	209 (8.2)	1/4" Quick Change	
CLBPW12Q**	70	700	3.2	12	2.4	8.8	1.1 (2.4)	218 (8.6)	29 (1.14)	209 (8.2)	1/4" Quick Change	•

*Values do not include battery. 2.0 Ah Battery weighs 0.43 kg. 5.0 Ah Battery weighs 0.72 kg.

**Region Model Numbers: -NA (North America), -EU (EMEA), -CN (China), -00 (Rest of World)

BATTERIES AND CHARGERS



MODEL NUMBER	DESCRIPTION
T50-1000497	18V, 2.0Ah Battery (.43kg/.94lb)
T50-1000498	18V, 5.0Ah Battery (.72kg/1.60lb)
T50-1000499	18V Rapid Charger (NA)
T50-1000500	18V 6-Bay Sequential Charger (NA)
T50-1000506	18V Rapid Charger (Europe, Middle East, Africa)
T50-1000507	18V Charger (Brazil)
T50-1000508	18V 6-Bay Sequential Charger (Europe, Middle East, Africa)
T50-1000543	18V Charger (Argentina)
T50-1000544	18V Rapid Charger (United Kingdom)
T50-1000545	18V Rapid Charger (China)
T50-1000546	18V Rapid Charger (Japan)
T50-1000547	18V 6-Bay Sequential Charger (United Kingdom)

ACCESSORIES

MODEL NUMBER	DESCRIPTION
T50-3000704-1	Pistol Torque Ring ID, Black
T50-3000704-3	Pistol Torque Ring ID, Blue
T50-3000704-6	Pistol Torque Ring ID, Grey
T50-3000705-1	Right Angle Torque Ring ID, Black
T50-3000705-3	Right Angle Torque Ring ID, Blue
T50-3000705-6	Right Angle Torque Ring ID, Grey
T50-1102302	CellClutch Scratch Cover Pistol - All
T50-1102801	CellClutch Scratch Cover RA, 8Nm & 12Nm
T50-1102802	CellClutch Scratch Cover RA, 20Nm & 30Nm
T50-1102803	CellClutch Scratch Cover RA, 40Nm
T50-1102805	CellClutch Scratch Cover RA, 65Nm
936357	Hanging Bail
T50-1001619	Clutch Adjustment Tool

TORQUE ANALYZER



MODEL NUMBER	DESCRIPTION
CTA0414	0.4-4 Nm Torque Analyzer
CTA3038	3.0-30 Nm Torque Analyzer
CST6838	68 Nm Stationary Transducer
CJK38	Female Stationary joint kit 3/8"