

*Desoutter*



**Industrial** Tools



## E-LIT SERIES

Battery  
Tool Range

*Mobility*  
*Ergonomics*  
*Reporting*

More Than Productivity



E-LIT

# E-LIT

## OPTIMIZE YOUR PERFORMANCE

HIGH SENSITIVE  
CLUTCH



FRONT LED



NON CONTACT  
TRIGGER



ERGONOMIC  
HANDLE



2 BATTERY  
POSITIONS





WIFI CONNECTION  
INFORMATION  
[ELC-W range]



BRUSHLESS  
MOTOR



REVERSE  
BUTTON



## BOOST YOUR PRODUCTIVITY

- ▶ UP TO 3 VARIABLE SPEEDS
- ▶ TORQUE REPEATABILITY
- ▶ OK/NOK WIRELESS REPORTING [ELC-W RANGE]

## BOOST YOUR FLEXIBILITY

- ▶ COMPACT & LIGHT WEIGHT FOR EASY HANDLING
- ▶ DIRECT LED FEEDBACK
- ▶ 4 OUTPUT DRIVE TYPES  
(HEX1/4, SQ1/4, SQ 3/8, SQ1/2)

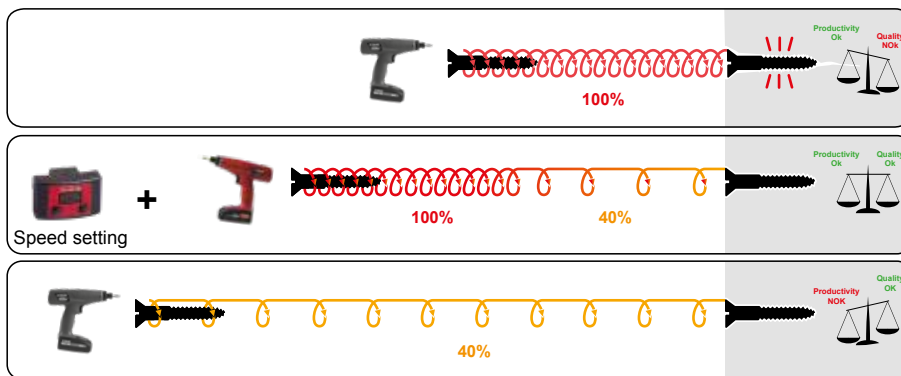
## BOOST YOUR UPTIME

- ▶ TOOL'S MAINTENANCE FOLLOW-UP  
[E-LIT CONFIG]
- ▶ LONG LIFE BATTERIES

## STANDALONE CLUTCH TOOL SOLUTION

Everything needed to optimize your assembly process guarantee quality and keep high productivity

- Decrease final speed to ensure tightening quality
- Avoid quality defects in your final product
- Decrease starting speed to facilitate bolt engagement



Speed management settings can be done either with an eDOCK or E-LIT CONFIG software.

### CHARACTERISTICS

- 1. Visual feedback with LED'S**
  - OK / NOK visual and sound report
  - Rehit protection
  - Battery charge level
  - Low battery shut off
- 2. High sensitive clutch**
  - Exceptional accuracy
  - Fast shut-off for no reaction force
- 3. Non contact trigger**
  - Maintenance free
  - Soft and easy touch
- 4. Reverse button**
  - One touch reverse
  - Left-hand or right-hand operation
- 5. Ergonomic handle**
  - Avoid Repetitive Strength Injuries
  - Perfectly balanced grip design
  - Rebalancing possibility with the two battery positions
- 6. Brushless motors**
  - Quiet
  - Maintenance free
- 7. Dual battery position**
  - Optimized access in tight areas
  - Operator confort in over head application
- 8. Lithium-ion technology**
  - No memory effect
  - Best power / weight ratio

### E-LIT CONFIG SOFTWARE

*Manage your E-LIT tools*

- Save your E-LIT tool setting
- Use your own tool ID
- Upload saved setting on new tools
- Aging of the tools (total number of tightenings)
- Trig maintenance alert according to a date or number of tightenings performed
- Add one comment with automatic date of recording in tool's memory after each maintenance work for instance
- Variable speeds
- Go on the setting possibility



### SPEED SETTING MODULE

*Two speed setting easily controlled by external module*

- Total counter display
- OK counter display
- Run down speed
- Final speed
- Turn counter



# WIRELESS CLUTCH TOOL SOLUTION

TU E-LIT WIFI proposes a better production follow-up, a better error proofing and a better total cost of ownership of your production line by integrating and controlling a clutch tool on the CONNECT platform.



## BETTER CONTROL OF PRODUCTION LINE

by enable or disable clutch tool

## PRODUCTION QUALITY IMPROVEMENT

with traceability on standard joint

## EASY INTEGRATION

thanks to CONNECT platform connectivity

### ENABLE/DISABLE TOOL

according to production process:

- Batch count
- Reverse mode
- Open protocol, I/Os & Field bus



### OK/NOK REPORTS

and prevent from FALSE OK:

- OK/NOK
- Re-hit
- Cross thread prevention



### SETTING ADJUSTMENTS

To fit with application requirements:

- Up to 3 speeds
- 4 Pset & 4 Assembly Process
- Batch count



### TRACEABILITY INFORMATION

For a better follow-up and analysis:

- Results linked with a VIN NUMBER
- Lock tool when memory is full (option)
- CVI MONITOR, ANALYZER & NET WEB compatible



## Focus on error proofing feature cross thread prevention

A clutch could shut off even if the screw is not well seated due to higher resistance linked to cross thread situation

TU E-LIT WIFI is now able to detect a cross thread situation and report a NOK in your traceability system



## Focus on production control feature Batch count

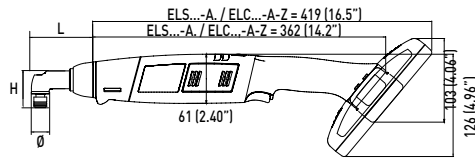
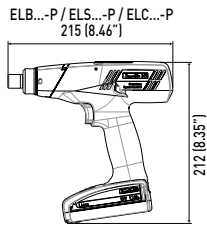
More production takt time is high or more production process is complex, more the risk to miss a screw is high !

**Batch count  
real time feed-back**



Avoid quality issues and reduce rework time with batch count functionality

## ACCESSORIES



MODEL	H		L		Ø	
	mm	.in	mm	.in	mm	.in
ELS7 / ELC7	45.5	1.79	75.7	2.98	22	0.87
ELS15 / ELC15	41.5	1.63	75.7	2.98	22	0.87
ELS30 / ELC30	45.5	1.79	134.2	5.28	28	1.10
ELS45 / ELC45	51.1	2.01	144.6	5.69	35	1.38
ELS60 / ELC60	51.1	2.25	158.5	6.24	40	1.57

### OPTIONAL ACCESSORIES



ITEM		PISTOL	ANGLE HEAD 18V	ANGLE HEAD 36V	ELC -W TOOLS	PART NUMBER
<b>BATTERY TYPE</b>						
1	Li-ion Battery 18V 2.1 Ah - 0.35 kg (0.77lb)	✓	✓		✓	615 812 099 0
2	Li-ion Battery 18V 4.2 Ah - 0.60 kg (1.32lb)	✓	✓		✓	615 812 100 0
3	Li-ion Battery 36V 2.1 Ah - 0.60 kg (1.32lb)			✓	✓	615 811 924 0
<b>CHARGER</b>						
4	For Li-ion Battery 18 / 36V - 100 / 240V	✓	✓	✓	✓	615 813 270 0
	• Power Cord C13-C14 L=0.3m (daisy chain cable)	✓	✓	✓	✓	615 813 383 0
<b>PROTECTIVE COVERS - TOOLS</b>						
5	For Pistol - Clear	✓			✓	615 396 870 0
5	For Pistol - Black	✓			✓	615 211 030 0
5	For Pistol - Blue	✓			✓	615 211 031 0
5	For Pistol - Red	✓			✓	615 211 032 0
5	For Pistol - Grey	✓			✓	615 211 033 0
5	For Body angle head - Black		✓	✓	✓	615 211 004 0
5	For Body angle head - Blue		✓	✓	✓	615 211 025 0
5	For Body angle head - Red		✓	✓	✓	615 211 026 0
5	For Body angle head - Grey		✓	✓	✓	615 211 027 0
6	For Angle < 15Nm - Black		✓		✓	615 397 672 0
6	For Angle 30Nm - Black			✓	✓	615 573 214 0
6	For Angle 45Nm - Black			✓	✓	615 573 215 0
6	For Angle 60Nm - Black			✓	✓	615 211 005 0
<b>PROTECTIVE COVERS - BATTERY</b>						
7	For battery 18V - 2.1 Ah - Clear	✓	✓		✓	615 396 871 0
7	For battery 18V - 2.1 Ah - Black	✓	✓		✓	615 211 041 0
7	For battery 18V - 2.1 Ah - Blue	✓	✓		✓	615 211 042 0
7	For battery 18V - 2.1 Ah - Red	✓	✓		✓	615 211 043 0
7	For battery 18V - 2.1 Ah - Grey	✓	✓		✓	615 211 044 0
7	For battery 36V - 2.1 Ah - Clear	✓	✓	✓	✓	615 396 872 0
7	For battery 36V - 2.1 Ah - Black	✓	✓	✓	✓	615 211 046 0
7	For battery 36V - 2.1 Ah - Blue	✓	✓	✓	✓	615 211 047 0
7	For battery 36V - 2.1 Ah - Red	✓	✓	✓	✓	615 211 048 0
7	For battery 36V - 2.1 Ah - Grey	✓	✓	✓	✓	615 211 049 0
<b>MISCELLANEOUS</b>						
	• Kit Overmould Presto (x10 pcs)					615 211 057 5
8	Speed Setting Module (ELS/ELC version)	✓	✓	✓	✓	615 396 829 0
9	Side handle - Pistol	✓			✓	615 396 757 0
10	Suspension bail - Pistol	✓			✓	443 703
11	Kit colour rings - Pistol (7 colors : white, yellow, orange, green, blue, purple, grey)	✓			✓	615 396 742 5
11	Kit colour rings - Angle tools (8 colors : white, yellow, orange, green, blue, purple, grey, black)		✓	✓	✓	615 970 114 5
12	Kit Nose Crowfoot	✓			✓	615 810 695 0
13	eDOCK + Battery data interface	✓	✓	✓	✓	615 813 400 0
	• E-LIT CONFIG software	✓	✓	✓	✓	-
	• CVI CONFIG software				✓	-
<b>DESOUTTER TOOL HOLSTER</b>						
14	DTH-42	✓			✓	107892
15	DTH-90	✓			✓	615 812 119 0
16	DTH TWIN (single) without rail		✓	✓	✓	615 811 411 0
17	DTH TWIN rail kit with 2 Twin holders		✓	✓	✓	615 811 412 5
18	DTH TWIN stand kit with 2 Twin holders		✓	✓	✓	615 811 413 5

**E-LIT SERIES**



**A**



**B**



**C**



**D**

PIC	MODEL	PART NUMBER	TORQUE RANGE		ROTATIONAL SPEED	OUTPUT DRIVE	WEIGHT WITHOUT BATTERY		VOLTAGE
			Nm	in. lb	rpm	in.	kg	lb	V

**E-LIT PLUS - ELECTRONIC BRUSHLESS MOTOR**

A	ELB 2.5-1250-P	615 165 415 0	0.4-2.5	3.5-22	1250	Hex. 1/4 F	0.8	1.76	18
A	ELB 6-900-P	615 165 416 0	0.8-6	7.1-53	900	Hex. 1/4 F	0.8	1.76	18
A	ELB 6-670-P	615 165 440 0	0.8-6	7.1-53	670	Hex. 1/4 F	0.8	1.76	18
A	ELB 8-670-P	615 165 417 0	1.5-8	13.3-70	670	Hex. 1/4 F	0.8	1.76	18
A	ELB 12-600-P	615 165 418 0	3-12	26.5-106	570	Hex. 1/4 F	0.8	1.76	18

**E-LIT PREMIUM - ELECTRONIC BRUSHLESS SPEED SETTING**

A	ELS 2.5-1550-P	615 165 419 0	0.4-2.5	3.5-22	500-1550	Hex. 1/4 F	0.8	1.76	18
A	ELS 6-1000-P	615 165 420 0	0.8-6	7.1-53	300-1000	Hex. 1/4 F	0.8	1.76	18
A	ELS 8-400-P	615 165 605 0	1.5-8	13.3-70	120-400	Hex. 1/4 F	0.8	1.76	18
A	ELS 8-800-P	615 165 421 0	1.5-8	13.3-70	300-765	Hex. 1/4 F	0.8	1.76	18
A	ELS 8-400-P4S	615 165 825 0	1.5-8	13.3-70	120-400	Sq. 1/4	0.8	1.76	18
A	ELS 12-600-P	615 165 422 0	3-12	26.5-106	250-570	Hex. 1/4 F	0.8	1.76	18
A	ELS 12-400-P4S	615 165 826 0	3-12	26.5-106	120-400	Sq. 1/4	0.8	1.76	18
B	ELS 7-360-A4S	615 165 725 0	1.5-7	13.3-62	120-360	Sq. 1/4	1.2	2.6	18
B	ELS 7-880-A	615 165 628 0	1.5-7	13.3-62	400-880	Hex. 1/4 F	1.2	2.6	18
B	ELS 7-880-A10S	615 165 888 0	1.5-7	13.3-62	400-880	Sq. 3/8	1.2	2.6	18
B	ELS 15-480-A	615 165 629 0	5-15	44.2-133	200-480	Sq. 3/8	1.2	2.6	18
B	ELS 15-480-A4S	615 165 839 0	5-15	44.2-133	200-480	Sq. 1/4	1.2	2.6	18
C	ELS 30-300-A	615 165 630 0	10-30	88.5-265	100-300	Sq. 3/8	1.5	3.3	36
C	ELS 45-180-A	615 165 631 0	20-45	177-398	50-180	Sq. 3/8	1.5	3.3	36
D	ELS 60-160-A	615 165 632 0	25-60	220-530	50-160	Sq.1/2	1.97	4.33	36

**E-LIT WIRELESS - COMMUNICATION**

A	ELC 6-1000-P-W	615 166 100 0	0.8-6	7.1-53	300-1000	Hex. 1/4 F	0.9	1.76	18
A	ELC 8-400-P-W	615 166 101 0	1.5-8	13.3-70	120-400	Hex. 1/4 F	0.9	1.76	18
A	ELC 8-800-P-W	615 166 102 0	1.5-8	13.3-70	300-765	Hex. 1/4 F	0.9	1.76	18
A	ELC 12-600-P-W	615 166 103 0	3-12	26.5-106	250-570	Hex. 1/4 F	0.9	1.76	18
B	ELC7-360-A4S-W	615 166 104 0	3-7	13.3-62	150-360	Sq. 1/4	1.2	2.6	18
B	ELC7-880-A-W	615 166 105 0	3-7	13.3-62	400-880	Sq. 3/8	1.2	2.6	18
B	ELC15-480-A-W	615 166 106 0	5-15	44.2-133	200-480	Sq. 3/8	1.2	2.6	18
C	ELC30-300-A-W	615 166 107 0	10-30	88.5-265	100-300	Sq. 3/8	1.5	3.3	36
C	ELC45-180-A-W	615 166 108 0	20-45	177-398	50-180	Sq. 3/8	1.5	3.3	36
D	ELC60-160-A-W	615 166 109 0	25-60	220-530	50-160	Sq.1/2	2	4.3	36

Battery not included in standard offering

# More Than Productivity



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English  
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