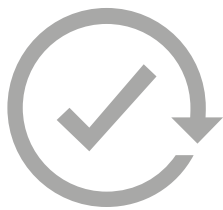




IndustrialTools



[Click here for latest issue](#)

More Than Productivity



Desoutter Assistant & Digital Twin

All the latest innovations by Desoutter in your pocket.

The application is available on mobiles and tablets, iOS and Android. Download it now and discover all its features, all in your pocket:

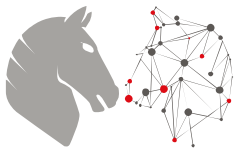
- ✓ Discover the full Desoutter catalog and bookmark your tools
- ✓ Talk to Lisa, our chatbot, to find the right accessory for your tool
- ✓ Access all technical data, documentation and product catalogs/leaflets
- ✓ Watch videos presenting our products, our company, or Industry 4.0 topics...
- ✓ Easily send a photo and a message to one of our experts around the world
- ✓ Available in 19 languages



I26 devices



Android devices



DIGITAL TWIN

**Access 24/7, The Virtual Replica
of Your Desoutter Tool**













Go to www.desouttertools.com DQG
Enter your tool's Serial Number



- 🔗 Compliance & Calibration Certificates
- 🔗 Maintenance Time Table
- 🔗 Technical Drawings
- 🔗 Spare Parts Listing
- 🔗 ODOXDM



Table of Contents

DESOUTTER PRESENTATION	4	 TORQUE MEASUREMENT SYSTEMS	152
DESOUTTER SERVICE	10	Data Analyzer - Delta	153
SELECTION GUIDE - ASSEMBLY TOOLS	14	DWTA - Digital wrench	156
 BATTERY STAND ALONE ASSEMBLY TOOLS	17	DRT, DST, PST, DJS, DSTxs, FCT - Digital rotary, static and pulse transducers	158
E-LIT Series - Clutch type	17	Delta Cart - Calibration	164
B-FLEX Series - Transducerized	22	Alpha - Low torque analyzer	166
B-FLEX QRX	26	Delta - Digital wrench - Torque and angle	168
BLRTA	27	 CUSTOMIZED SOLUTIONS	141
 ELECTRIC ASSEMBLY SYSTEMS	31	Specific nutrunners & spindles, EPBx HT, EABx HT, Multiplus	141
& 2 1 1 (& 7 - Industrial Smart Hub	31	Arms and torque tubes	146
Virtual Cable, Sight, EABS, BLRTC, EPBcom, EABcom - Battery nutrunners	37	Special solutions	148
CVI3 Controllers	49	Screwfeeder solutions	150
EAD, EID, ERP, ERP-HT - Nutrunners	54	SELECTION GUIDE - DRILLING AND RIVETING	203
EFDE, EFDS, EFDA - Fixtured spindles	62	 AUTOMATIC DRILLING UNIT	206
CVIR II Controllers	79	PNEUMATIC DRILLS AND TAPPERS	214
ERS - Screwdriver	81	COMPRESSION TOOLS AND PNEUMATIC RIVETING	234
CVIXS - Controller	82	Drills and Tappers	214
Nano Driver - Low torque screwdrivers	83	Multi drills	215
CVIL II Controllers	84	Angle drills	220
E-PULSE - Electric pulse nutrunners	85	Pistol drills	225
ERP, ERAL, ERDL - Nutrunners	86	Straight drills	228
MultiCVIL II Controllers	87	Controlled drilling	229
EME, EMEL - Fixtured spindles	89	Tappers, deburring tool and rivet shaving	230
CVIC II Controllers	93	Rack feed drills	232
ECS - Screwdrivers	98	Compression tools	234
ECP, ECA, ECD - Nutrunners	99	Riveting hammers	239
ECSF, MC - Fixtured spindles	102	SELECTION GUIDE - REMOVAL TOOLS	243
Posco 500 - Positioning system	104	 PNEUMATIC GRINDERS / SANDERS	244
 DIGITAL EXPERIENCE	68	Grinders for carbide burrs, mounted points and sanding discs	245
Set your tools right	68	5RXIIIIV	252
CVI3 & CONNECT Platform -		Grinders for type 1 wheels, cone wheels, depressed center wheels	254
CVI Config, CVI Monitor, CVI Analyser, CVI Key	68	Sanders for expandables wheels, flap wheels and abrasive discs	270
E-LIT Platform - E-LTI Config	70	Dust extraction systems for grinders and sanders	280
Other Platform - CVIPC2000	70	Random orbital sanders, Polishers and Orbital sanders	288
Improve your measurement	71	Belt sanders	300
Delta Range - Delta QC Licensed, Advanced, Free version	71	 MISCELLANEOUS TOOLS	302
Live data reporting & traceability	72	Saws, Vacuum pen, Vacuum cleaner, Air scribe	303
Product features - CVI Net Web	72	 TOOL ACCESSORIES	177
Product references list - CVI Net Web	73	Reaction arms	178
PivotWare - Process Control	74	Telescopic reaction arms	188
Product features	74	Torque tubes	193
Product references list	76	Balancing arms	196
 ELECTRIC SCREWDRIVERS	109	Balancers	198
ESP1 / ESP2 Controllers	109	Tool holsters	200
SLBN - Screwdrivers	110	Automatic screw dispenser	201
ESP C Controllers	112	 AIR LINE ACCESSORIES	305
SLC - Screwdrivers	113	Hoses	306
 PNEUMATIC FASTENING TOOLS	117	Air flex	307
Shut off - Straight, pistol and angle head screwdrivers	124	Fastener Accessories	309
Non shut off - Straight and pistol screwdrivers	129	SAFETY INSTRUCTIONS	330
Direct drive - Pistol and angle head screwdrivers	131		
Automatic reverse screwdrivers	132		
Shut off - Torque controlled	133		
PTF - Pulses	138		

Unless specified all inlet threads are BSP or NPT dependentv of market

100

YEARS OF INNOVATION



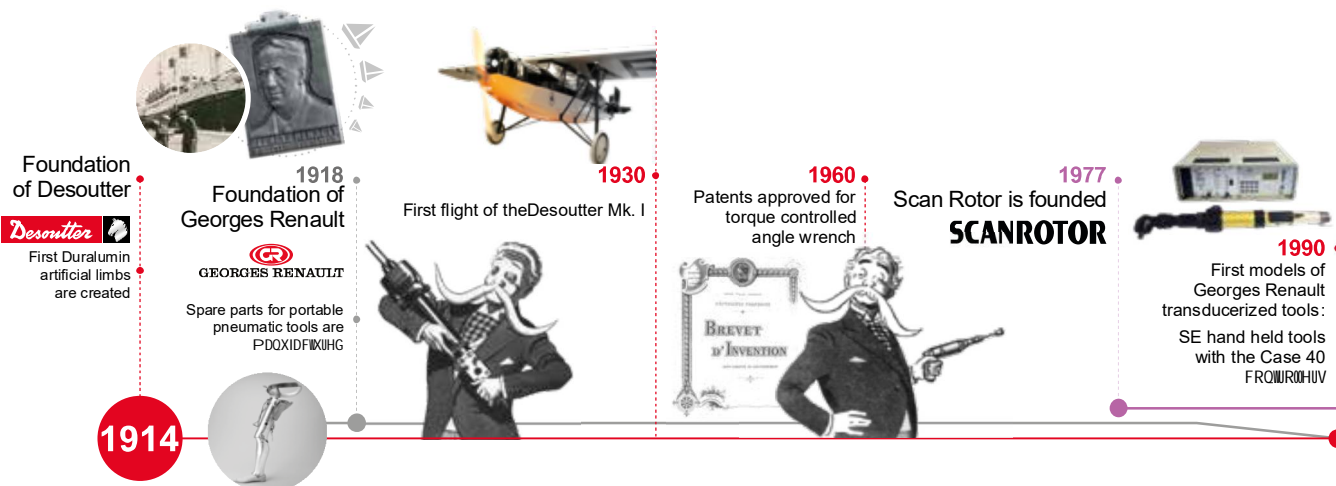
In Desoutter's earliest days one hundred years ago, who would have imagined that it would become today's global leader in its sector? How many industrial companies can claim, like Desoutter, to have weathered the years with such success, never forgetting the values that have formed the foundation of their prosperity?

This one century of existence would not have been possible without that drive for innovation that characterises our company, without that perpetual determination to evolve along with the changing world around us, always acting with vision to anticipate the needs of tomorrow.

This longevity is also the fruit of dedicated devotion on the part of all those employees who have shared their ideas, their skills and their technological expertise in order to turn that thrust for innovation into reality and to give it meaning.

But this history is also - and primarily - that of our customers and partners who remain the sole reason for our existence. It is for them and alongside them that we strive for perfection day after day, and our intention has been to pay tribute to them in the name of this shared success by compiling some of their testimonials in this book.

Together we have written the beginning of a great story. And together we will continue to move forward, to look to the future with the same ambition: always to offer "more than productivity".





Find more on what customers tell
about their Desoutter's customer experience in the
Desoutter's anniversary book!




DESOUTTER 4.0

Accelerate your transformation



Intelligent assembly solutions




DESOUTTER 4.0

Production ready!

Augmented assistance

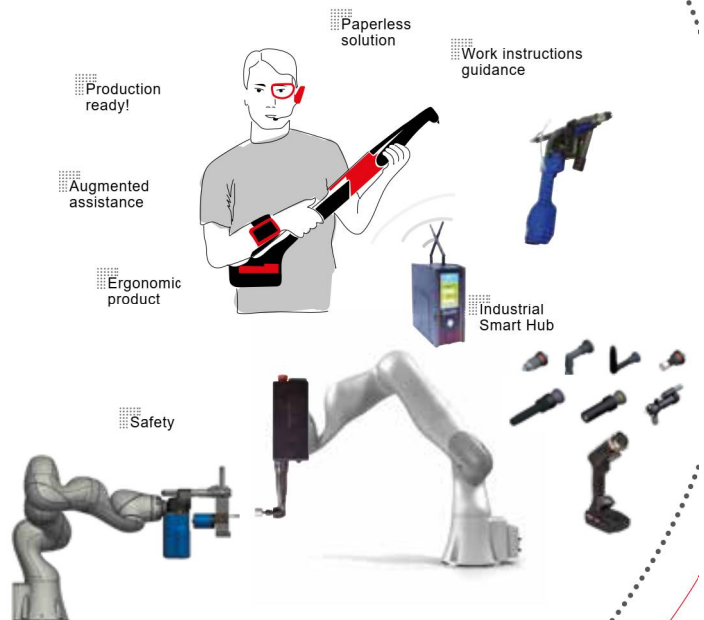
Ergonomic product

Safety

Paperless solution

Work instructions guidance

Industrial Smart Hub

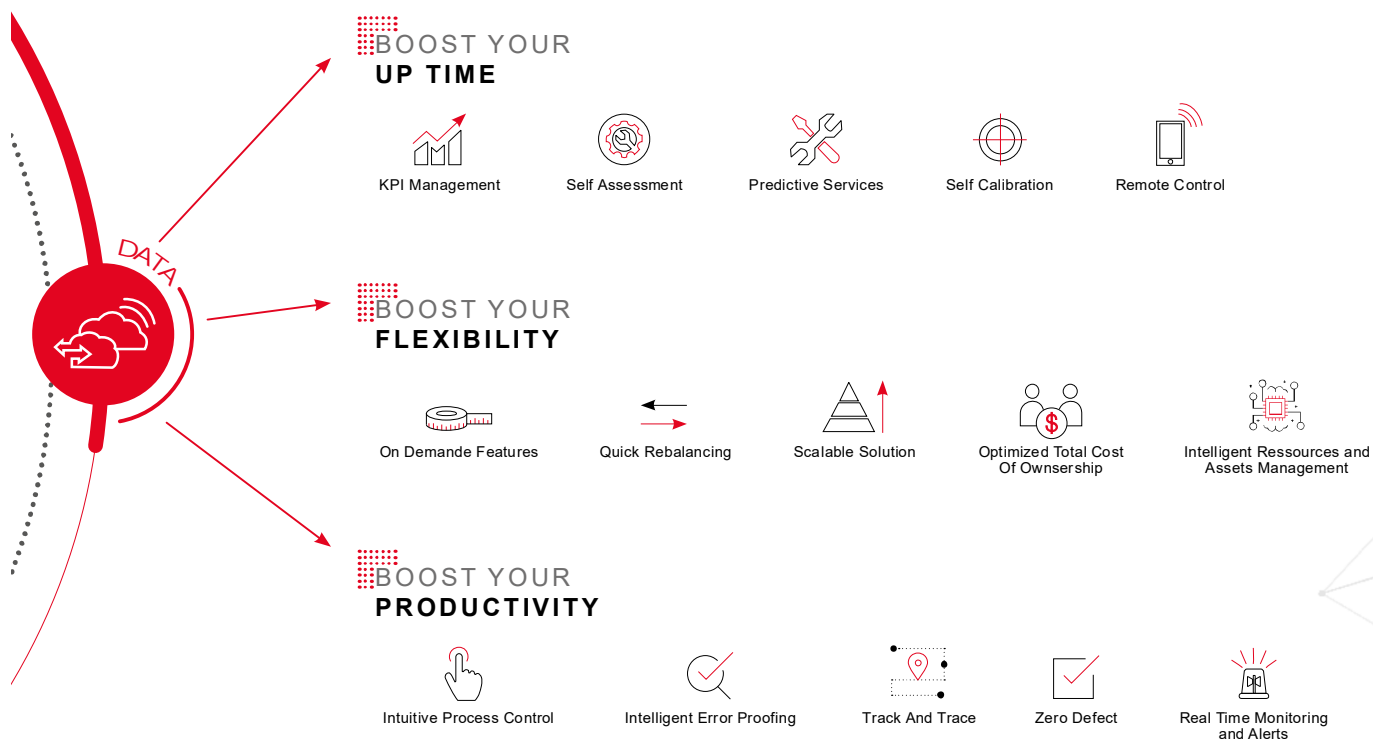


The increasing digitalization of the manufacturing sector means the era of the smart factory is now upon us. The fitting of myriad equipment with sensors, and the ability to collect, transmit and interpret data in real-time, is leading to previously unattainable levels of traceability and control. That is enabling tools, machines and people to communicate like never before. This trend, commonly referred to as Industry 4.0, is giving companies far better visibility of their industrial processes, ensuring that potential problems can be identified before they occur.



Here at Desoutter, we are committed to turning Industry 4.0 into products and services that deliver maximum benefit to our customers and partners. From reduced downtimes, to more flexible production processes with lower costs, Industry 4.0 has the potential to transform the ways organizations perform.

So you can concentrate on your core your assembly expert is here !



More Than Productivity



Desoutter is your single source of electric and pneumatic tool solutions,

covering a wide range of assembly and manufacturing processes in the motor vehicle, aerospace, general industry and light assembly sectors.

Desoutter has a long history of producing high-quality industrial tools. Today, the scope of the activity combines a global offering with a widespread local presence.

The reason behind this approach is simple: our customers, who include many of the world's largest and most successful manufacturers, want worldwide access to a global portfolio of assembly and manufacturing solutions.

With Desoutter, we provide you more than productivity.



FOCUSED ON YOUR OBJECTIVES...

Industry hates risk. And so do we.

So we work with you to eliminate cost, quality and performance risks from your production lines.

Optimize your investments

Your production lines are some of your company's most important investments. The quality and performance of Desoutter industrial tool solutions enable you to optimize your return on investments by producing more in the same cycle time. Our airline systems, for instance, keep our pneumatic nutrunners spinning at exactly the right speed and power, saving you precious seconds for each operation.

5DLVH productivity

Good ergonomics makes good economic sense. Not only are Desoutter tools designed to reduce operator stress factors, such as vibration and noise, they also take into account the relationship between the operator, the tool and the process. Our experts work with you to obtain long-term gains in productivity and safety, while improving cost, quality and cycle times.



GLOBAL SOLUTIONS YOU CAN BUILD ON...

We know that finding the best solution is about much more than just picking a new tool. That is why we start every project by opening our ears, not our catalog.

3URFHVV optimization

Producing high-quality products requires high-quality processes. That is why many of the world's major motor vehicle, aerospace and appliance manufacturers rely on Desoutter. Each Desoutter solution is tailored to your exact needs. Our experts propose solutions that deliver a quantifiable return on investment, whether in terms of productivity improvements, quality gains or safety improvements.

: RUOGZIGH FRYHUDJH

Desoutter combines global reach with local expertise. To ensure the smooth running of Desoutter solutions in your factories, all our local teams are trained to the same high level of expertise and service. Each team is in direct contact with the Desoutter area application and customer care center for your region. Together they ensure that solutions are implemented to worldwide standards, but in compliance with local criteria.





EXPERTISE YOU CAN GROW ON...

From motors vehicles to appliances, planes to construction machines, electronics to energy – there is a Desoutter air powered and electric tool solution for you.

&RYHULQJ all segments

Motor vehicle industry

A wide range of tool solutions for vehicle makers, tier one suppliers and linebuilders. Solutions include fixed systems for powertrain assembly and handheld solutions for final assembly processes.

Aerospace

A long history of providing tools solutions to aerospace companies. We cover a wide range of their needs, from airframe and engine construction to system assembly.

Customized VROXWLRQV

Our Applications Centers are the symbol of our renowned flexibility. As comprehensive as our catalog is, we know that sometimes you need a tailored solution. Our Application Center engineers adapt existing solutions to your requirements and develop your own solutions. They are experts at developing Six Sigma tools and error proofing.



A PARTNER YOU CAN COUNT ON...

Our support services keep your processes operating at maximum levels – and leave you to focus on your core business.

Genuine Desoutter parts

Genuine Desoutter parts are the only parts designed and engineered specifically for Desoutter tools. They ensure that our tools always operate at their best. Moreover, for a lifetime of satisfaction, we always use genuine Desoutter spare parts when performing maintenance and repairs.

3URDFWLYH ORJLVNLFV

When your operations are global, it is essential that your logistics are too. Our centralized inventory and warehousing system is highly responsive. We proactively manage our production to ensure a reliable supply of the products and parts you need. The majority of the solutions in our catalog can be shipped to you in three days, no matter where you are located. Next-day service is available in many markets.



Why Service is important for you !

Service boosts your production 837,0%, **COST EFFICIENT MAINTENANCE, QUALITY WITH HIGH PRODUCTIVITY.**

A proactive service plan:

- ✓ Reduces unplanned stoppages and disruptions on the production line
- ✓ Ensures tool accuracy, so quality is maintained
- ✓ Reduces production rework costs
- ✓ Extends tool life
- ✓ Reduces day to day administration and repair costs

Here is the Desoutter Service offer to support you with all products of this catalogue:



**SMART
START**

- **INSTALL & SET UP**



**TOOL
CARE**

- **SERVICE PLANS &
PARTS REPAIR**



**DIGITAL
SERVICES**

- **SOFTWARE
6833257**



**PRODUCTION
BOOST**

- **ON-DEMAND
6(59,&(6**

We built this offer to meet your needs on your business key drivers.



Improved uptime



Lower maintenance
FRVW



Quality with
high productivity

Discover the value of proactive Service by Desoutter.



Smart Start / Install & set up



Start-up

A professional, high quality installation adds value.

Benefits

- ✓ Fast and right first time
- ✓ Avoids delays & minimises risks
- ✓ Maintains warranty
- ✓ Ensures tool accuracy and ergonomics
- ✓ Full support from start to finish from certified technicians



Performance Validation

Detect issues that cannot be identified during the Start-up phase.

Benefits

- ✓ Optimises tool settings to further improve productivity
- ✓ Detects missing or incorrect components
- ✓ Detects need for operator training
- ✓ Helps further reduce cost and increases quality

Consists of 4 steps



1. DWD
& ROHFVLRQ



Analytics



2. SIVPVDVLRQ
' HWHFVLRQ






3. UHVHONDVLRQ

Desoutter Service



Tool Care / Service Plans

	3UHYH01YH PDQIHQDQFH QDERXU	3UHYH01YH maintenance wear out spare parts	&DLEIDWRO	Repair at 'HVRXIIIHU Workshop	Repair spare parts IQFIXGHG	Optimised preventive maintenance	On-site 5HSDWV	ODQIHQDQFH KPIs	On-site SURGXFWRO VXSSRUW
 Basic Care	✓	✓	✓						
 Smart Care	✓	✓	✓	✓	✓	✓			
 Peace of Mind	✓	✓	✓	✓	✓	✓	✓	✓	✓

Production uptime is key for your business

- ✓ Preventive Maintenance reduces the production stops due to breakdowns and NOK's.
- ✓ On-site support also reduces disruptions.

You think your maintenance costs are too high

- ✓ Preventive maintenance decreases the costs of breakdowns.
- ✓ The **LIHLPH** of your tools is extended.

You want to keep the best quality with high productivity

- ✓ Less breakdowns means less rework
- ✓ Operator coaching by Desoutter technicians results in less NOK's and therefore even less rework.



Tool Care / Parts & Repair



Service Link

- ✓ **Designed as a Search Assistant**
- ✓ **Intuitive navigation**
- ✓ **Simplified order process**
- ✓ **Data download**



Smart Repair

You expect fast turnaround time and reliable repairs.

- ✓ Smart Repair is an efficient repair process
- ✓ Our Technicians only use genuine spare parts.





Digital Services / Software support

With great products, comes great responsibilities!

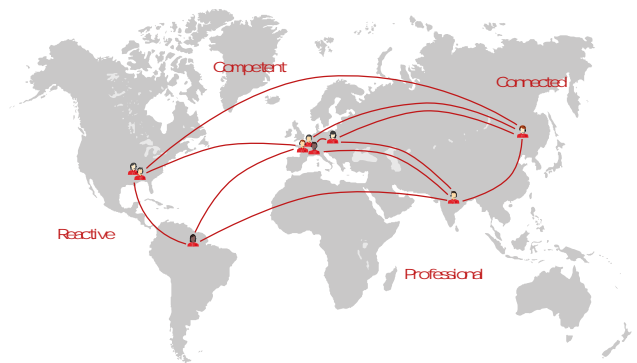
Software and support together as one overall offer to get the most of our powerful Desoutter software.



Build with experts , Essential Care is a remote support portal & 24/7 (' and 21/,1(.
Ask an access to the Support portal 12: !



<https://support.desouttertools.com/>



Get more details about digital experience software and services



SOFTWARE
see page 68



Production Boost / On-demand Services

Are you looking for even more?



On-site Technician

- ✓ Supports you with solving issues
- ✓ Assists in identifying process improvement opportunities



Certification Training

- ✓ Develops your technician's knowledge on troubleshooting and assembly techniques
- ✓ It improves interaction with our Desoutter technicians



Performance validation

- ✓ Identifies improvement opportunities
- ✓ Detects issues before they affect production

Assembly Tools - Selection guide

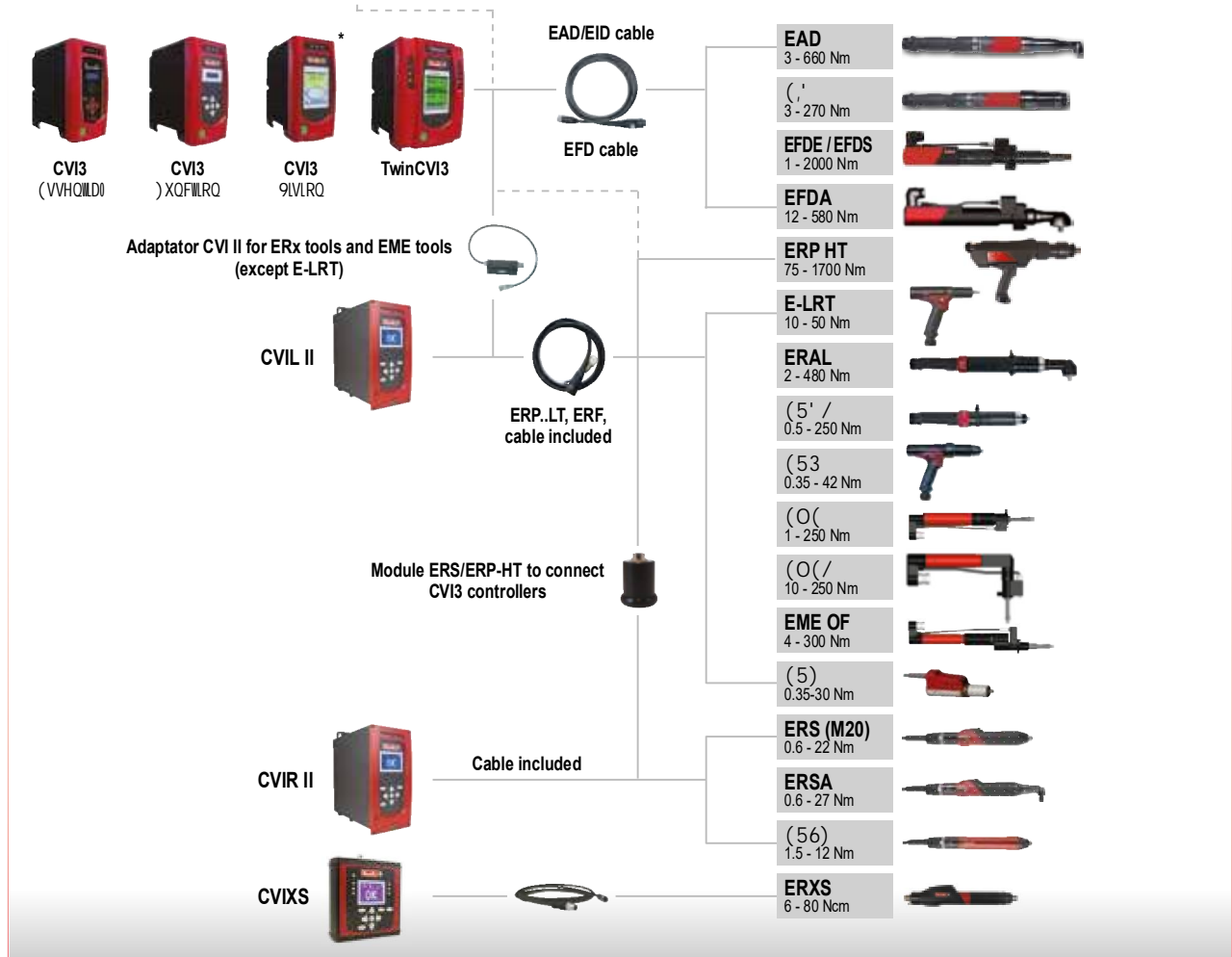
PAGE	TOOL TYPE
17-28	BATTERY STAND ALONE ASSEMBLY TOOLS 
31-47	INDUSTRIAL SMART HUB & WIRELESS TRANSDUCERIZED BATTERY TOOLS 
49-67	ELECTRIC TRANSDUCERIZED DC TOOLS & NUTRUNNERS 
68-77	DIGITAL EXPERIENCE - CVI Config / CVI Monitor / CVI Analyzer / CVI Key / E-LIT Config / Delta QC / CVI Net Web / 3LYRW: DUH
79-91	ELECTRIC TRANSDUCERIZED DC TOOLS - PC & Networks/Software - CVIR II / MULTICVIL II / CVIL II / CVIXS 
93-107	ELECTRIC CURRENT CONTROLLED DC TOOLS - CVIC / POSCO 
109-115	ELECTRIC FASTENING TOOLS 
117-139	PNEUMATIC FASTENING TOOLS 
141-151	CUSTOMIZED SOLUTIONS: ExBx HT - Screwfeeders - Multiplus - Arms 
152-171	TORQUE MEASUREMENT SYSTEMS 

Advanced tightening systems

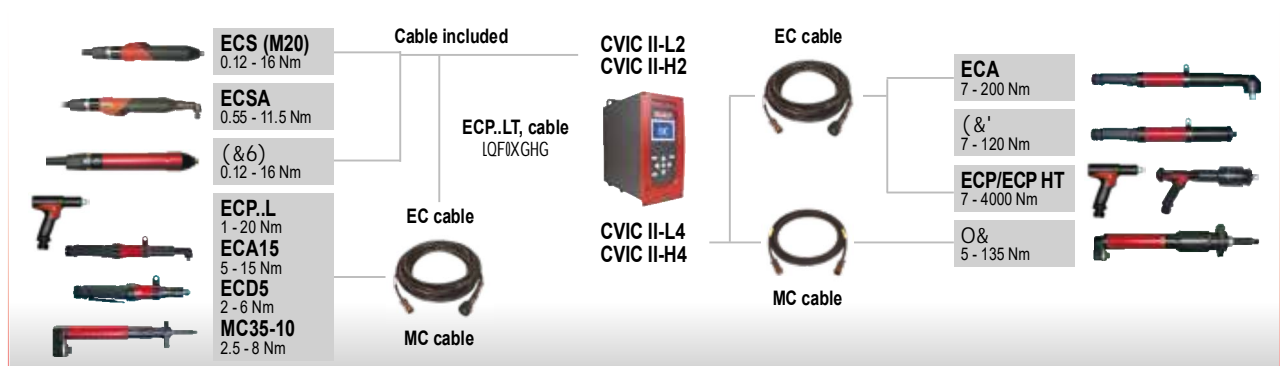
ELECTRIC TRANSDUCER CORDLESS

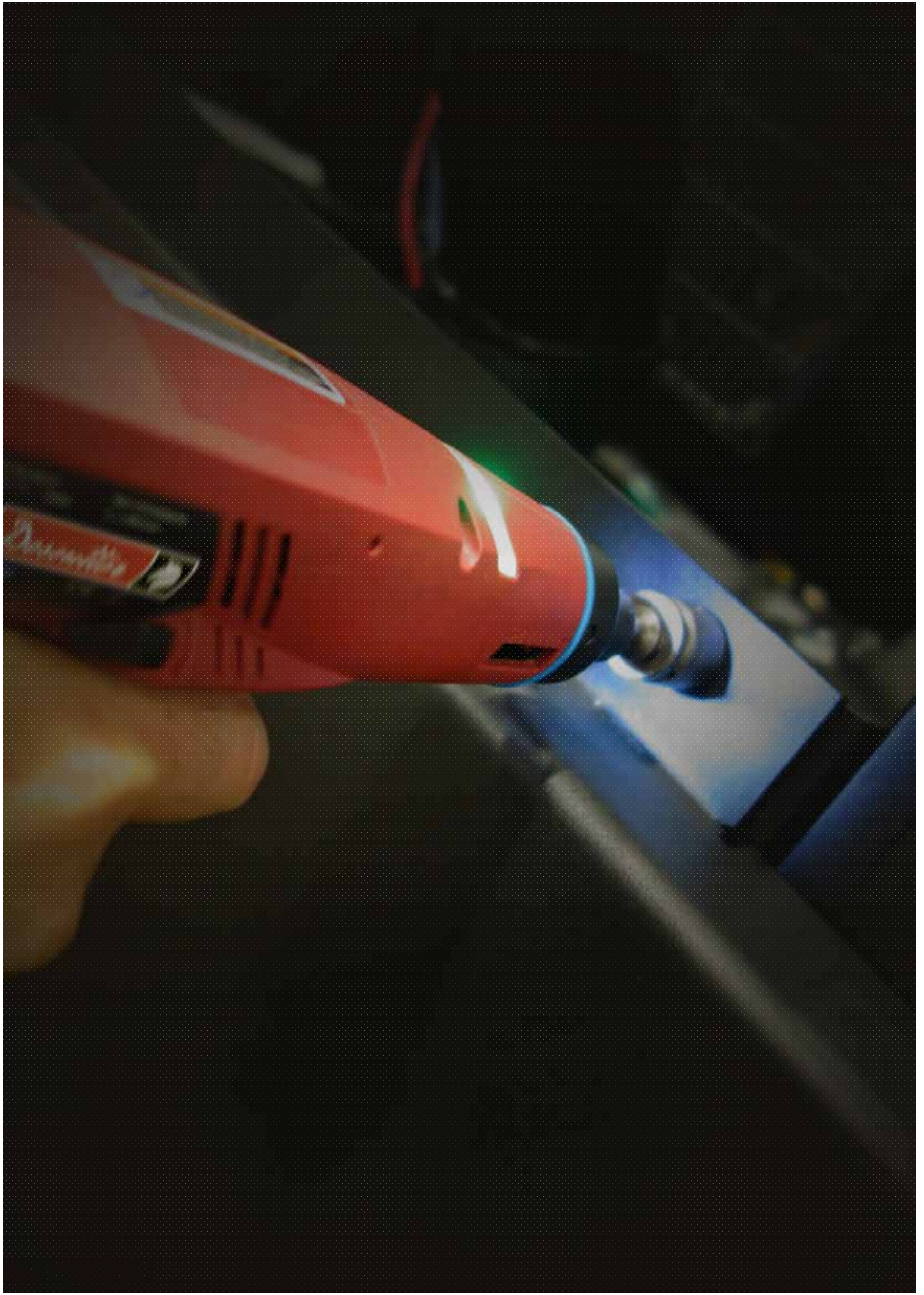


ELECTRIC TRANSDUCER CORD



ELECTRIC CURRENT CONTROL













E-LIT Series - Optimize your performance

Clutch Battery Tool range



FOCUS



3 MODELS TO CHOOSE FROM	 BRUSHLESS 02725	 LI-ION BATTERY	 E-LIT CONFIG SOFTWARE	 SPEED MODULE	 CONNECT
E-LIT PLUS ELECTRONIC BRUSHLESS (ELB) 3,672/ 	✓	✓	✓		
E-LIT PREMIUM ELECTRONIC BRUSHLESS SPEED CONTROL (ELS) PISTOL AND ANGLE 	✓	✓	✓	✓	
E-LIT WIRELESS COMMUNICATION WITH E-LIT BOX (ELC) PISTOL AND ANGLE 	✓	✓	✓	✓	✓

Tool management device

Speed setting / For ELS and ELC models



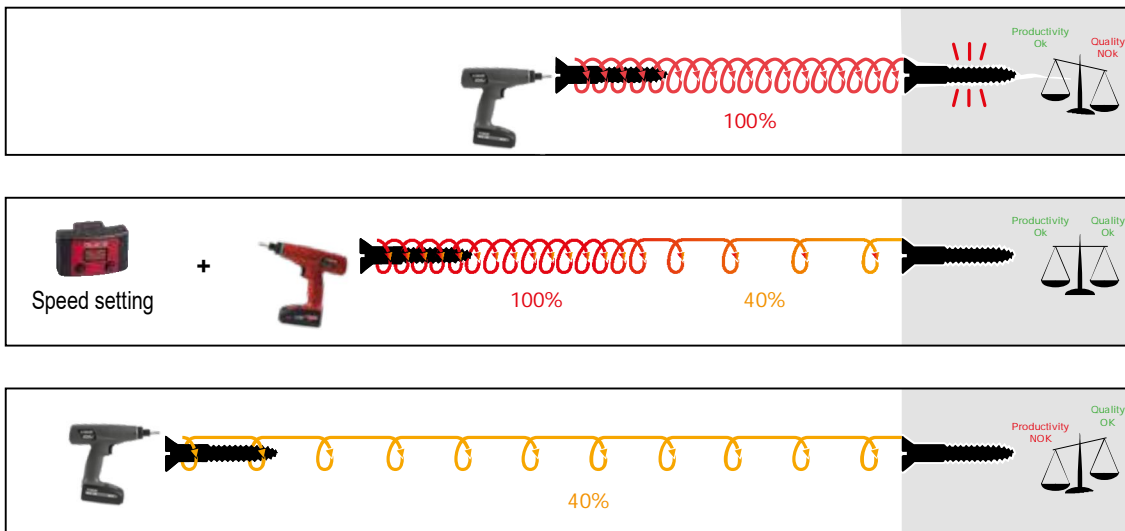
Two speed setting easily controlled by external module



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



E-LIT CONFIG software



SOFTWARE
see page 70

E-LIT Series - Optimize your performance

Clutch Battery Tool range

Focus on wireless clutch tool solution

TU E-LIT WIFI proposes a better production follow-up , a better error proofing and a better total cost of owner ship 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

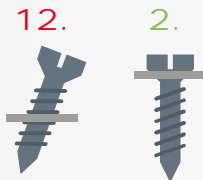
- Results linked with a VIN NUMBER
- Lock tool when memory is full (option)
- CVI MONITOR, ANALYZER & NET WEB FRPSEWLECH



FOCUS ON ERROR PROOFING FEATURE CROSS THREAD PREVENTION

A clutch could shuts 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

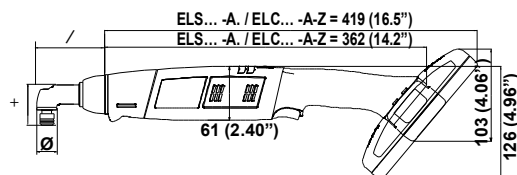
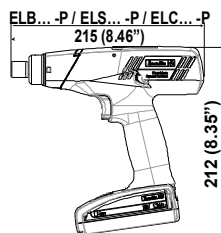
More production takt time is high or more production process is complex, more the risk to miss a screw is high !

Batch count
real time feed-back



Avoid quality issues and reduce rework time with batch count functionality

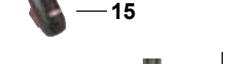
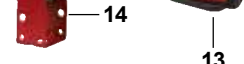
Accessories



MODEL	+		/		Ø	
	PP	IQ	PP	IQ	PP	IQ
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	57.1	2.25	158.5	6.24	40	1.57

OPTIONAL ACCESSORIES

7(O)	3,672/	ANGLE HEAD 18V	ANGLE HEAD 36V	ELC -W 722/6	PART NO.
Battery type					
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
Chargers					
4 Charger Universal 18 / 36V	✓	✓	✓	✓	615 813 270 0
• Power Cord C13-C14 L=0.3m (daisy chain cable)	✓	✓	✓	✓	615 813 383 0
Protective covers - Tools					
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
Protective covers - Battery					
7 For Battery 18V 2.1Ah - Clear	✓	✓		✓	615 396 871 0
7 For Battery 18V 2.1Ah - Black	✓	✓		✓	615 211 041 0
7 For Battery 18V 2.1Ah - Blue	✓	✓		✓	615 211 042 0
7 For Battery 18V 2.1Ah - Red	✓	✓		✓	615 211 043 0
7 For Battery 18V 2.1Ah - Grey	✓	✓		✓	615 211 044 0
7 For Battery 18V 4.2Ah / 36V 2.1Ah - Clear	✓	✓	✓	✓	615 396 872 0
7 For Battery 18V 4.2Ah / 36V 2.1Ah - Black	✓	✓	✓	✓	615 211 046 0
7 For Battery 18V 4.2Ah / 36V 2.1Ah - Blue	✓	✓	✓	✓	615 211 047 0
7 For Battery 18V 4.2Ah / 36V 2.1Ah - Red	✓	✓	✓	✓	615 211 048 0
7 For Battery 18V 4.2Ah / 36V 2.1Ah - Grey	✓	✓	✓	✓	615 211 049 0
OLVFH00DQHRXV					
• 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	✓	✓	✓	✓	615 811 976 0
• E-LIT CONFIG software	✓	✓	✓	✓	-
• CVI CONFIG software				✓	-
Desoutter Tool Holsters					
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

0.4 to 60 Nm (3.5 to 530 in. lb) - 50 to 1550 rpm



A



B



C



D

PIC 5()	MODEL	PART NUMBER	72548(RANGE		ROTATIONAL SPEED	287387 DRIVE	WEIGHT WITHOUT BATTERY		VOLTAGE
			1P	in. lb			kg	lE	

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 WITH E-LIT BOX

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

B-FLEX: Performance and flexibility



FOCUS



KEYPOINTS

BEST ERGONOMICS	HIGH TECHNOLOGY	QUALITY CONTROL
Ergostop technology to avoid RSI (Repetitive Strain Injury)	Smart embedded HMI on tool	Direct feedback for the operator
Perfectly balanced grip design	High resolution transducer	Visible tightening results on tool HMI
Rebalancing with the two different battery positions	New motor dedicated to battery tools: high speed, high torque, low temperature	Torque control and angle monitoring
Operator comfort		



B-FLEX: Ergonomy and control

ERROR PROOF QUALITY CONTROL

- Direct feedback for the operator
- Torque and Angle tightening result
- Torque control tightening strategy



No PC needed

100 last results on "CVI Monitor"



USB cable included

eDOCK



Password protection

Battery level

Data to collect

Ergostop

Program setting

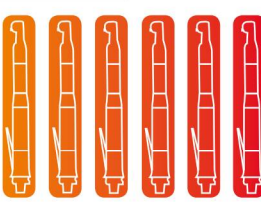
Easy setting

Results


10.03Nm
162.30Deg

B-FLEX ADVANCED (Standard features +)

6 Pset

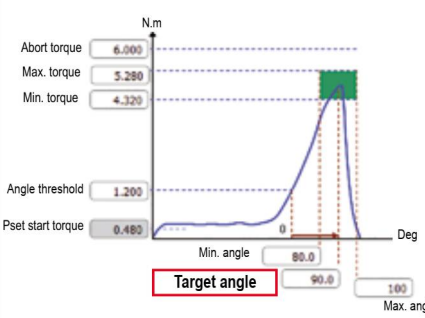


6 TOOLS in 1 B-FLEX



Angle Strategy

Error proof your standard tightenings



Abort torque: 6.000
Max. torque: 5.280
Min. torque: 4.320

Angle threshold: 1.200
Pset start torque: 0.480

Min. angle: 80.0
Target angle: 90.0
Max. angle: 100

Full data collection

(up to 10 000 on CVI Analyzer)

CVI ANALYZER



USB cable included

eDOCK

B-FLEX Series - Pistol grip

1.5 to 17 Nm (1.1 to 12.5 ft. lb) - 10 to 1800 rpm

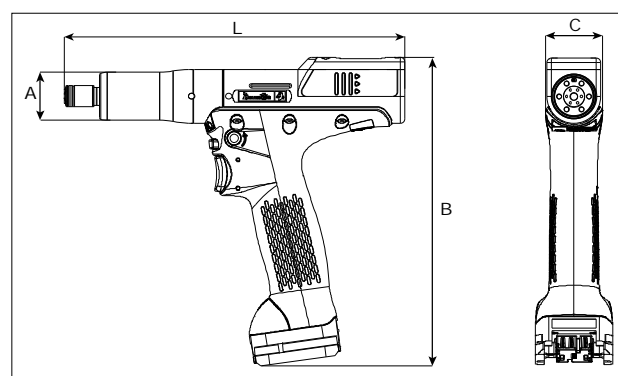


A



B

MODEL	/		A		B		C	
	PP	in.	PP	in.	PP	in.	PP	in.
EPB 8-1800-4Q	227	8.94	32	1.26	206	8.11	38	1.5
EPB 8-1800-10S	227	8.94	32	1.26	206	8.11	38	1.5
EPB 14-900-4Q	227	8.94	32	1.26	206	8.11	38	1.5
EPB 14-900-10S	227	8.94	32	1.26	206	8.11	38	1.5
EPB 17-700-4Q	227	8.94	32	1.26	206	8.11	38	1.5
EPB 17-700-10S	227	8.94	32	1.26	206	8.11	38	1.5



ACCESSORIES
see page 28

PIC 5()	MODEL	PART NUMBER	287387 DRIVE	TORQUE RANGE						ROTATIONAL SPEED (RPM)		WEIGHT WITHOUT BATTERY		VOLTAGE
				MIN.	RECOM-MENDED	MAX.	MIN.	RECOM-MENDED	MAX.	18V	36V	kg	lb	
			in.	1P	1P	1P	ft. lb	ft. lb	ft. lb					9

B-FLEX - TRANSDUCERIZED BATTERY TOOL

A	EPB 8-1800-4Q	615 165 899 0	Hex.1/4	1.5	7	8	1.1	5.2	5.9	900	1800	1	2.2	18/36
B	EPB 8-1800-10S	615 165 903 0	Sq.3/8	1.5	7	8	1.1	5.2	5.9	900	1800	1	2.2	18/36
A	EPB14-900-4Q	615 165 978 0	Hex.1/4	4	12	14	2.4	8.8	10.3	540	940	1	2.2	18/36
B	EPB14-900-10S	615 165 977 0	Sq.3/8	4	12	14	2.4	8.8	10.3	540	940	1	2.2	18/36
A	EPB 17-700-4Q	615 165 905 0	Hex.1/4	7	15	17	5.2	11	12.5	400	700	1	2.2	18/36
B	EPB 17-700-10S	615 165 901 0	Sq.3/8	7	15	17	5.2	11	12.5	400	700	1	2.2	18/36

B-FLEX - ADVANCED

A	EPBA 8-1800-4Q	615 165 972 0	Hex.1/4	1.5	7	8	1.1	5.2	5.9	900	1800	1	2.2	18/36
B	EPBA 8-1800-10S	615 165 971 0	Sq.3/8	1.5	7	8	1.1	5.2	5.9	900	1800	1	2.2	18/36
A	EPBA14-900-4Q	615 165 974 0	Hex.1/4	4	12	14	2.4	8.8	10.3	540	940	1	2.2	18/36
B	EPBA14-900-10S	615 165 973 0	Sq.3/8	4	12	14	2.4	8.8	10.3	540	940	1	2.2	18/36
A	EPBA 17-700-4Q	615 165 976 0	Hex.1/4	7	15	17	5.2	11	12.5	400	700	1	2.2	18/36
B	EPBA 17-700-10S	615 165 975 0	Sq.3/8	7	15	17	5.2	11	12.5	400	700	1	2.2	18/36

• Battery not included in standard offering

• Battery 18V, 2.1Ah - Weight: 0.35kg (0.77lb) / 18V, 4.2Ah & 36V, 2.1Ah - Weight: 0.60kg (1.32lb)



B-FLEX Series - Angle head

5 to 95 Nm (3.7 to 70 ft. lb) - 10 to 900 rpm



A



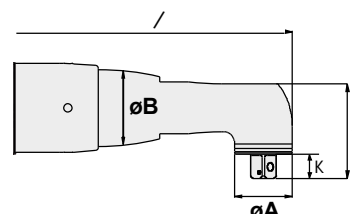
B



C

MODEL	/		+		+		ØA		ØB	
	PP	in.	PP	in.	PP	in.	PP	in.	PP	in.
EAB 15-900	470	18.5	10.2	0.40	33.8	1.33	22	0.87	37.0	1.46
EAB 26-560	496	19.5	12.0	0.47	45.7	1.80	28	1.10	37.0	1.46
EAB 32-410	496	19.5	12.0	0.47	45.7	1.80	28	1.10	37.0	1.46
EAB 45-330	506	19.9	12.0	0.47	51.0	2.00	35	1.38	37.0	1.46
EAB 50-450	546	21.5	12.0	0.47	51.0	2.00	35	1.38	37.0	1.46
EAB 60-370	559	22.0	11.9	0.468	57.0	2.20	40	1.57	41.0	1.61
EAB 75-300	582	22.9	17.5	0.69	60.4	2.38	45	1.77	48.5	1.91
EAB 95-240	582	22.9	17.5	0.69	60.4	2.38	45	1.77	48.5	1.91

L = Tool length without battery



ACCESSOIRES
see page 28

PIC 5()	MODEL	PART NUMBER	SQUARE DRIVE	TORQUE RANGE						ROTATIONAL SPEED	WEIGHT WITHOUT BATTERY		VOLTAGE
				MIN.	RECOM- MENDED	MAX.	MIN.	RECOM- MENDED	MAX.		kg	lb	
			in.	1 P	1 P	1 P	ft. lb	ft. lb	ft. lb	USP			9

B-FLEX - TRANSDUCERIZED BATTERY TOOL

•	EAB 15-900	615 165 731 0	1/4	5	13	15	3.7	9.6	11	900	1.55	3.42	36
A	EAB 26-560	615 165 732 0	3/8	5	24	26	3.7	18	19	560	1.65	3.64	36
A	EAB 32-410	615 165 733 0	3/8	7	30	32	5.2	22	24	410	1.65	3.64	36
B	EAB 45-330	615 165 734 0	3/8	9	40	45	6.6	30	33	330	1.76	3.88	36
B	EAB 50-450	615 165 735 0	3/8	9	45	50	6.6	33	37	450	2.04	4.50	36
B	EAB 60-370	615 165 736 0	1/2	10	55	60	7.4	41	44	370	2.35	5.18	36
C	EAB 75-300	615 165 737 0	1/2	12	70	75	8.8	52	55	300	2.94	6.48	36
C	EAB 95-240	615 165 738 0	1/2	19	90	95	14	66	70	240	2.98	6.57	36

B-FLEX - ADVANCED

•	EABA15-900	615 165 961 0	1/4	5	13	15	3.7	9.6	11	900	1.55	3.42	36
A	EABA26-560	615 165 962 0	3/8	5	24	26	3.7	18	19	560	1.65	3.64	36
A	EABA32-410	615 165 963 0	3/8	7	30	32	5.2	22	24	410	1.65	3.64	36
B	EABA45-330	615 165 964 0	3/8	9	40	45	6.6	30	33	330	1.76	3.88	36
B	EABA50-450	615 165 965 0	3/8	9	45	50	6.6	33	37	450	2.04	4.50	36
B	EABA60-370	615 165 966 0	1/2	10	55	60	7.4	41	44	370	2.35	5.18	36
C	EABA75-300	615 165 967 0	1/2	12	70	75	8.8	52	55	300	2.94	6.48	36
C	EABA95-240	615 165 968 0	1/2	19	90	95	14	66	70	240	2.98	6.57	36

• Battery not included in standard offering

• Battery 36V, 2.1Ah - Weight: 0.60 kg

B-FLEX QRX

5 to 95 Nm (3.7 to 70 ft. lb) - 10 to 560 rpm



Advanced Multi Applications Tool



BOOST YOUR PRODUCTIVITY

Real Time Pset selection for the selected Quick release accessory with RFID technology

BOOST YOUR FLEXIBILITY

Possibility to use the same tool for multiple applications

MODEL	PART NUMBER	72548(			ROTATIONAL MAX SPEED (RPM)	WEIGHT*	
		O,1	NOMINAL	MAX		kg	lbf
EABA26-560 QRX	615 166 080 0	5	24	26	560	2.04	4.50
EABA32-410 QRX	615 166 081 0	7	30	32	410	2.04	4.50
EABA45-330 QRX	615 166 082 0	9	40	45	330	2.21	4.87
EABA50-450 QRX	615 166 083 0	9	45	50	450	2.49	5.49
EABA60-370 QRX	615 166 084 0	10	55	60	370	2.82	6.22
EABA75-300 QRX	615 166 085 0	12	70	75	300	3.42	7.54
EABA95-240 QRX	615 166 086 0	19	90	95	240	3.46	7.63

*Weight without battery

All tools are powered by a battery pack 36V 2.1Ah

Battery pack weight: 560g / 1.23 lb



BLRTA

10 to 25 Nm (7.4 to 18.4 ft.lb) - 1520 to 2350 rpm



A



B



BOOST YOUR PRODUCTIVITY

- By reducing cycle time
- By improving joint quality
- By providing process quality

BOOST YOUR FLEXIBILITY

- Free of cable management
- Free of reaction arm
- Reduce total cost of ownership

BOOST YOUR UP TIME

- Boost the uptime of the operator
- Boost the uptime of the tool

	STANDALONE 9(56,21)
Wifi Communication	N/A
Programming on the tool	✓
3VHW	6
No. of step in Pset	1
Assembly process	N/A
5HVXWV	10 000 with CVI analyzer
Tightening Curve	N/A
Disconnected mode	N/A



ACCESSORIES
see page 28

PIC 5()	MODEL	PART NUMBER	287387 DRIVE	287387 RETAINING TYPE	72548()				ROTATIONAL MAX SPEED (RPM)		/(1*7+		WEIGHT*		92/- TAGE
					O,1	MAX	O,1	MAX							
			in.		1P	1P	ft.lb	ft.lb	18V	36V	PP	in.	kg	in.	9
A	BLRTA-2350-10S	615 166 023 0	Sq 3/8	Through hole	6	25	4.4	18.4	1520	2350	233	9.17	1.2	2.6	18/36
B	BLRTA-2350-4Q	615 166 024 0	Hex.1/4	Quick change chuck	6	25	4.4	18.4	1520	2350	233	9.17	1.2	2.6	18/36

*Weight without battery

Accessories

B-FLEX / QRX / BLRTA / EAB / EPB

ACCESSORIES INCLUDED

	EPB/EPBA	BLRTA
• Pistol protective cover Red	615 211 022 0	615 211 073 0

OPTIONAL ACCESSORIES

	EAB/QRX	EPB/EPBA	BLRTA
--	---------	----------	-------

Battery type

1	Li-ion Battery 18V 2.1 Ah - 0.35 kg (0.77lb)	615 812 099 0	615 812 099 0
2	Li-ion Battery 18V 4.2 Ah - 0.60 kg (1.32lb)	615 812 100 0	615 812 100 0
3	Li-ion Battery 36V 2.1 Ah - 0.60 kg (1.32lb)	615 811 924 0	615 811 924 0

Charger

4	Charger Universal 18 / 36V	615 813 270 0	615 813 270 0	615 813 270 0
•	Power Cord C13-C14 L=0.3m (daisy chain cable)	615 813 383 0	615 813 383 0	615 813 383 0

Protective covers - Tools

5	For Angle head EAB 15	615 211 003 0		
5	For Angle head EAB 26/32	615 573 207 0		
5	For Angle head EAB 45/50	615 573 208 0		
5	For Angle head EAB 60	615 573 209 0		
5	For Angle head EAB 75/95	615 573 210 0		
6	Pistol protective cover Black	615 211 019 0		

Protective covers - Battery

7	For Battery 18V 2.1Ah - Clear	615 396 871 0	615 396 871 0	
7	For Battery 18V 2.1Ah - Black	615 211 041 0	615 211 041 0	
7	For Battery 18V 2.1Ah - Blue	615 211 042 0	615 211 042 0	
7	For Battery 18V 2.1Ah - Red	615 211 043 0	615 211 043 0	
7	For Battery 18V 2.1Ah - Grey	615 211 044 0	615 211 044 0	
7	For Battery 18V 4.2Ah / 36V 2.1Ah - Clear	615 396 872 0	615 396 872 0	615 396 872 0
7	For Battery 18V 4.2Ah / 36V 2.1Ah - Black	615 211 046 0	615 211 046 0	615 211 046 0
7	For Battery 18V 4.2Ah / 36V 2.1Ah - Blue	615 211 047 0	615 211 047 0	615 211 047 0
7	For Battery 18V 4.2Ah / 36V 2.1Ah - Red	615 211 048 0	615 211 048 0	615 211 048 0
7	For Battery 18V 4.2Ah / 36V 2.1Ah - Grey	615 211 049 0	615 211 049 0	615 211 049 0

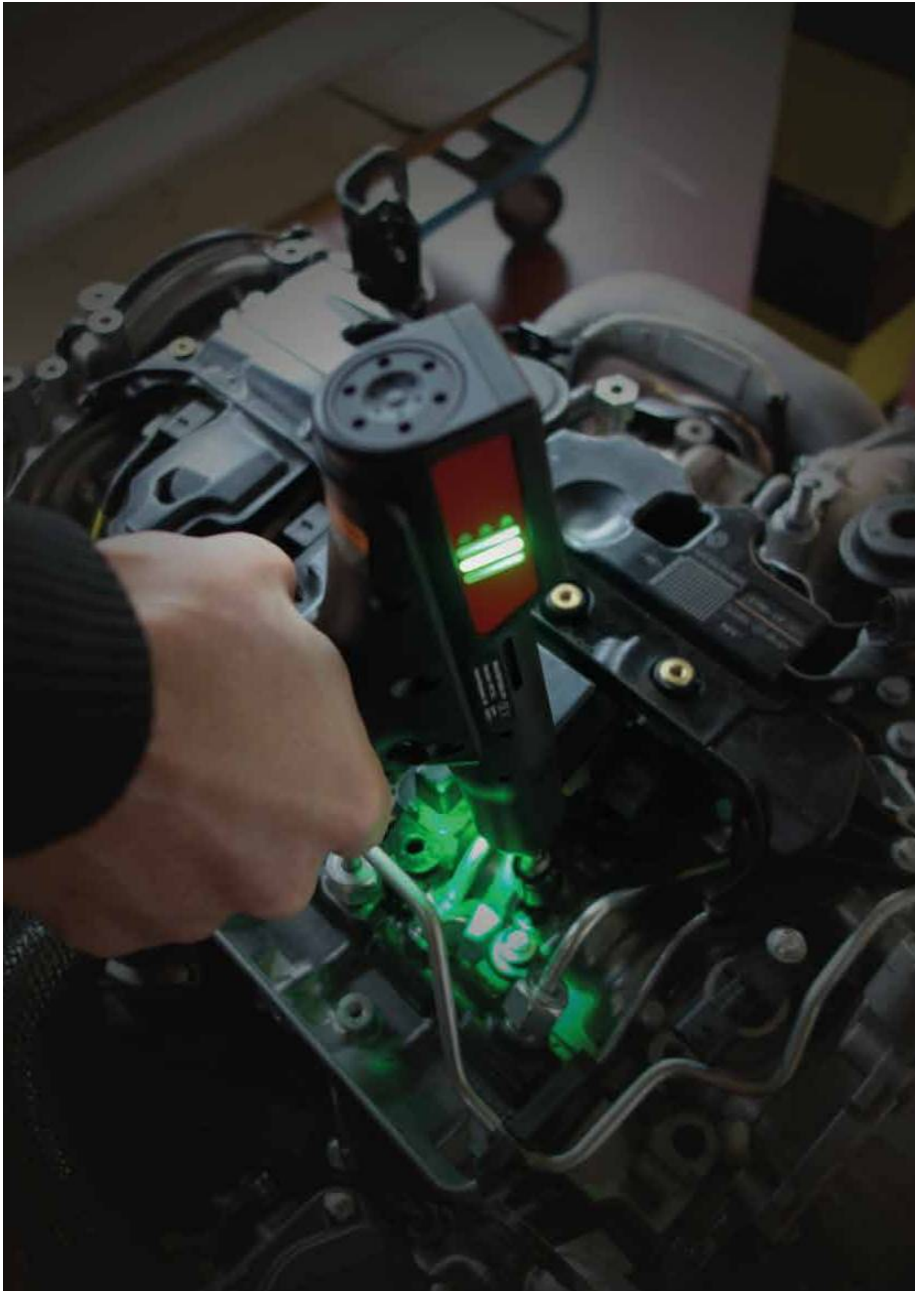
OLVFH00DQHRXV

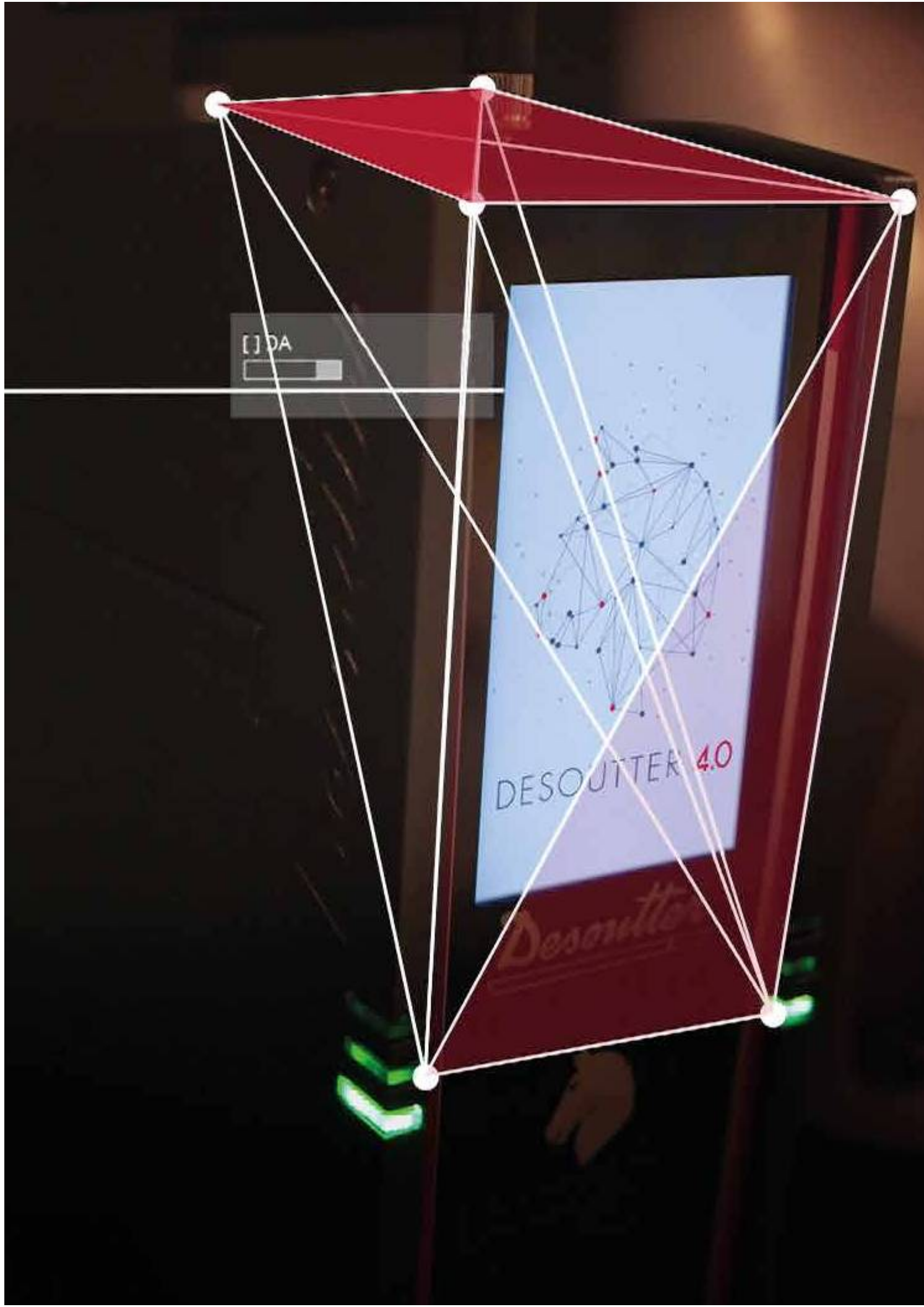
8	Nose crowfoot adapter for EPB	615 565 518 0		
9	HDOCK	615 811 976 0	615 811 976 0	615 811 976 0
10	6ide handle	615 397 016 0		

Desoutter Tool holster

11	DTH TWIN (single) without rail	615 811 411 0		
12	DTH TWIN rail kit with 2 Twin holders	615 811 412 5		
13	DTH TWIN stand kit with 2 Twin holders	615 811 413 5		
14	DTH90	615 812 119 0	615 812 119 0	







&211 (&7 - Industrial Smart Hub



SINGLE POINT OF CONNECTION FOR UP TO 20 TOOLS

With only one safety power supply
With only one Ethernet/fieldbus connection
With only one stand to mount the CONNECT

MULTI-TOOL 62/87,21

Up to 20 tools connected
to only one CONNECT.

CAPACITIVE INDUSTRIAL GRADE TOUCH SCREEN

With several display options
and quick response time.

FINE-TUNES SETTINGS & SCALABLE SOLUTION

With feature management
fine-tunes the Tightening Units by
loading only features needed for
each application.

FOOTPRINT OPTIMIZATION

With a volume of only 4L,
the CONNECT can be installed
anywhere, under any constraints.

EASY LINE REBALANCING

Pair the tool in less than 10 seconds,
with easy contactless pairing feature.

FEATURE REBALANCING

Easy feature rebalancing from
tightening unit to another one.

REMOVABLE INTEGRATED MEMORY

Transfer DATA and settings from one CONNECT
to another in a fast and effective way.



&211 (&7 - Industrial Smart Hub

CONNECT has been designed to meet today's and tomorrow's demanding production processes.



Each Tightening Unit activated includes a Standard package. The standard package has been built to meet with more than 80% of requirements.

MULTI-CORDLESS TOOL 62/87,21

SCALABLE 62/87,21

EASY TOOL & FEATURE REBALANCING

877 TRACEABILITY



For more demanding applications, it is possible to activate additional features.

INDUSTRIAL SMART HUB

CONNECT is a powerful platform able to manage all items related to the assembly line

With error proofing accessories and full traceability management for up to 20 tools, CONNECT is a solution with a **HIGH LEVEL OF CONNECTIVITY** to manage and control the assembly line under all circumstances.

FEATURE MANAGEMENT

FEATURE MANAGEMENT is a scalable solution which allows you to get what you really need

With its **HIGH LEVEL OF FLEXIBILITY**, you can add new features whenever the requirements on your production line change. You just have to activate the feature and it is ready to use.

TOOL RANGE COMPATIBLE

COMPATIBLE WITH ALL DESOUTTER CORDLESS TOOLS with IEEE 802.11 wireless communication.



◦ EABC



◦ (3%&



◦ %/57&



◦ DELTA
: 5(1&+



◦ EABS



◦ E-LIT

Multi-Cordless Tool solution

CONNECT-W

With embedded access point **Up to 10 tightening units activated.**

: **LINK CONNECT-W**, 10 tightening units can be activated which means 10 cordless tools can be paired.

CONNECT-X

Requires an external access point **Up to 20 tightening units activated** (No embedded access point).

: **LINK CONNECT-X**, 20 tightening units can be activated which means 20 cordless tools can be paired.



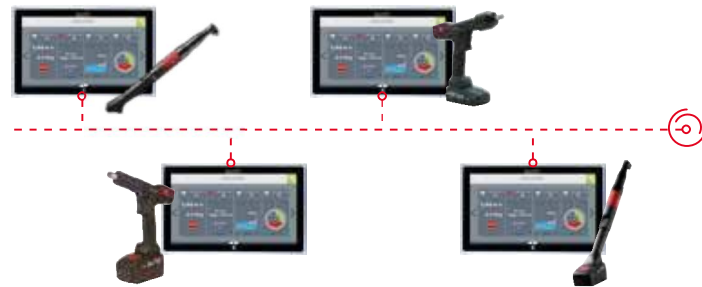
Tool's Rebalancing



EASY CONTACTLESS PAIRING

With easy wireless pairing, tool is paired in less than **10 seconds.**

Desoutter Sight



VISUALIZATION

- Remote access to &211 (&7 menu for on-line adjustment
- Display in real-time the results per TU / workstation

Virtual Cable



TRACKING SOLUTION

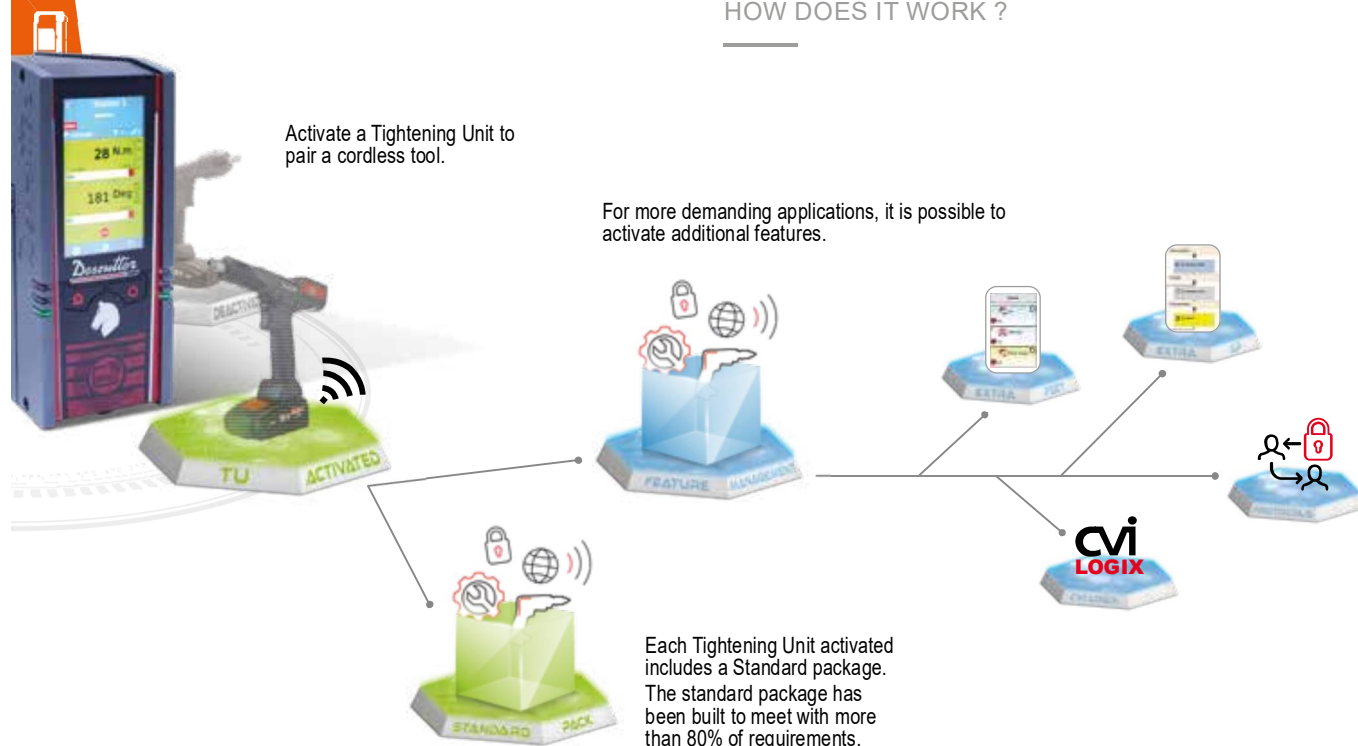
- Ensures the use of tools in the right locations and applications
- Easy to install and set up with the Easy Teaching mode

&211 (&7 - Industrial Smart Hub

Get what you really need with feature management

FEATURE MANAGEMENT is a scalable solution in order to provide a high level of flexibility to meet requirements. With feature management, you can add or remove a feature whenever you want or whatever the feature.

HOW DOES IT WORK ?



3 TYPES OF TIGHTENING UNITS [TU] ARE AVAILABLE ON CONNECT PLATFORM : ,7+ DIFFERENT STANDARD PACK FEATURE LEVELS

STANDARD PACK

	TU PREMIUM	TU ESSENTIAL	TU E-LIT WIFI
Compatible tool	EABC, EPBC, EABS, BLRTC	EABC, EPBC, EABS, BLRTC	ELC-P-W, ELC-A-W
Number of Pset	10	6	4
Number of Assembly Process	10	6	4
Live Results	Torque & angle values curves	Torque & angle values curves	OK/NOK
Result Transfer/storage	Torque & angle values + curves	OK/NOK	OK/NOK
Tightening strategy	Torque and/or angle control Torque and/or angle monitoring	Torque control angle monitoring	Torque control
3URIRFR0	Open protocol	Open protocol	Open protocol
Pairing	RFID or eDock pairing	RFID or eDock pairing	eDock pairing

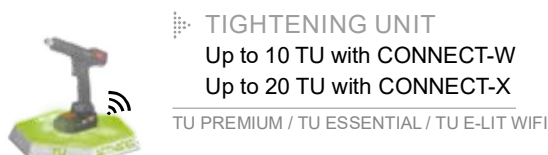
&211 (&7 - Industrial Smart Hub

FEATURES UNDER FEATURE MANAGEMENT ?

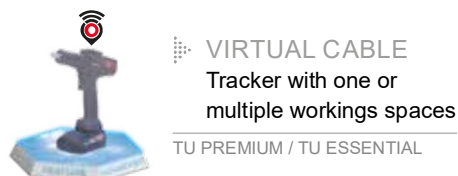
Feature activation is done Tightening Unit per Tightening Unit for more flexibility on your production line.

Feature management is required :

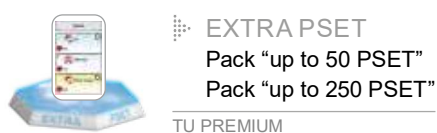
- For each Tightening Unit activation:



- For zone control activation



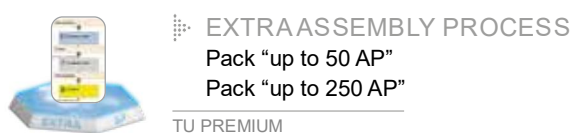
- For additional Pset activation



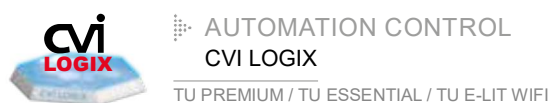
- For specific Protocol activation



- For additional Assembly Process activation



- For CVI logix activation



HOW TO ACTIVATE A FEATURE ?

- THE HIGH FLEXIBILITY OF FEATURE MANAGEMENT IS REACHED THANKS TO UV*.

- ANY OR ALL FEATURES CAN BE ACTIVATED BY APPLYING 89*.

- EACH FEATURE HAS ITS OWN UV*.

* UV = Unit Value



	CONNECT-W	CONNECT-X
: HJXII	2,8 kg	
9RUXPH	4,2 Liters	
Display	Capacitive color touch screen (4,3")	
Access point	(0%('('(' (includes internal access point)	NOT INCLUDED (external access point required)
Removable Integrated Memory	Included (accessible from front panel)	
Power supply	110V – 220V or 24V	
Connectivity	4 Ethernet ports – 4 USB ports – RS-232 port – eBUS port – fieldbus card slot	
IP Protection	IP 40 IP54 with an additionnal accessory	
Accessories	Wall mounting – stack light - socket tray – bit tray – operator panel – field bus - I/O expander - Desoutter Sight	

&211 (&7 - Industrial Smart Hub



A



%



3 & 5 ()	MODEL	PART 180%(5)	CONSUMPTION (CURRENT)		MAIN SUPPLY	DIMENSIONS								: (, * +7	
						WIDTH		+ (, * +7		DEPTH					
			115V	230V	50/60 Hz	PP	in.	PP	in.	PP	in.	NJ	lb.		
A	CONNECT-X	615 932 722 0	< 1A	< 1A	Single-phase	90	3.5	221	8.70	210	2.8	2.8	6.17		
%	CONNECT-W	615 932 723 0	< 1A	< 1A	Single-phase	90	3.5	221	8.70	210	2.8	2.8	6.17		



- 1 Switch On/Off
- 2 Auto-Sensing Voltage 110-240V
- 3 24V power supply
- 4 RS232 port
- 5 eBUS port (Bus dedicated to Error Proofing Integration accessories - EPI)
- 6 Ethernet switch with 4 Ethernet ports (including one POE)
- 7 2 USB ports on connector panel + 2 USB ports on front panel
- 8 Plug & Play Fieldbus module port

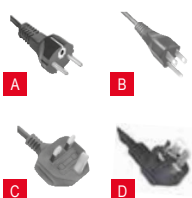
FEATURE MANAGEMENT

3 & 5 ()	DESCRIPTION	PART 180%(5)
A	89	615 927 843 0
%	H: DOH/H	615 927 844 0



POWER CORD to be ordered with &211 (&7

3/8*	DESCRIPTION	PART NO.
A	European	615 917 739 0
%	86	615 917 741 0
&	8.	615 917 740 0
D	Chinese	615 917 742 0



OPTIONAL ACCESSORIES

7 (O)	PART NO.
Fieldbus modules	
1 Profibus module	615 927 595 0
2 ProfiNet module (1 port)	615 927 596 0
3 ProfiNet module (2 ports)	615 927 597 0
3 ProfiNet IRT module (2 ports)	615 927 070 0
4 DeviceNet module	615 927 599 0
4 CC-Link module	615 927 598 0
5 EtherNet IP module	615 927 594 0
6 Modbus TCP module	615 927 615 0
6, * +7	
• 6, * +7 15"	615 813 254 0
• 6, * +7 7"	615 813 253 0
• 6, * +7 module	615 813 255 0
• PoE Injector 30W	615 813 263 0
• Power Adaptor 12V	615 927 262 0
• Power cord for Power Adaptor 12V (CVIR)	Refer to Power Cord p.78
• VESA mounting support SIGHT 15"	615 813 258 0
• VESA mounting support SIGHT 7"	615 813 288 0
• Antenna kit for SIGHT 15" and SIGHT Module	615 813 386 0
• Antenna kit for SIGHT 7"	615 813 387 0



Virtual Cable

Virtual Cable is an Ultra Wide Band solution (UWB) used within the CONNECT hub platform that enables total traceability and control over tools locations and applications.

Virtual Cable ensures that the correct wireless tool can only be used for its pre-determined tasks in the correct working area. The tool is enabled for tightening only in the defined working area preventing Production errors and Quality issues.

Manage up to 20 tools in the right areas!



BOOST YOUR PRODUCTIVITY

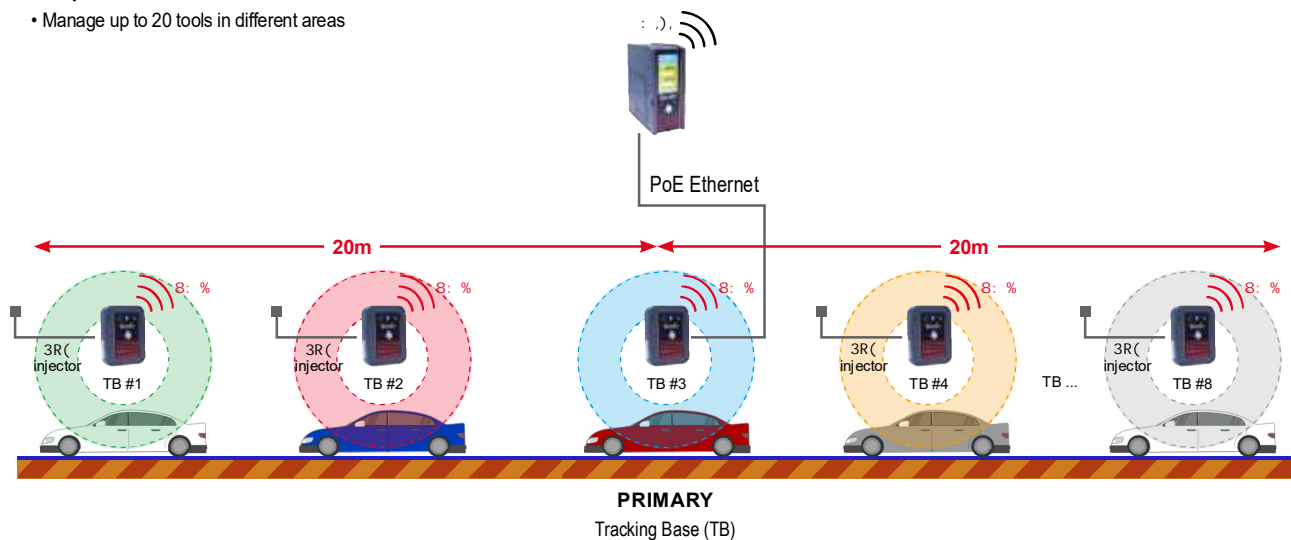
- You can standardise battery tools locating tools in the right working areas
- Ergonomic solution suitable for confined applications and inside cars

BOOST YOUR UP TIME

- Create your working area in less than 10s with the unique Trigger Learning mode by directly pressing the tool's trigger
- Power supply via PoE

BOOST YOUR FLEXIBILITY

- Easy to rebalance tools
- Manage up to 20 tools in different areas



SPECIFICATIONS

ORDERING INFORMATION	PART NUMBER
Tracking Base	615 813 335 0
Tracker for EPBC tools	615 813 260 0
Tracker for EABC tools	615 813 259 0
PoE Injector	615 813 2630
PERFORMANCE	
Frequency Range	3.5 to 6.5 GHz
Area coverage	Sphere of 20m (65.6 ft) of radius
Max. number of Tracking bases per CONNECT	8
Max. number of areas per Tracking Base	8
Max. number of tools per CONNECT	20

TECHNICAL SPECIFICATIONS	
Environmental Sealing	Tracker: IP40 Tracking base: IP54
Power consumption	Tracking base PoE: 20mA
Power supply	802.11af PoE Injector, 100-240 VAC
Tracking Base dimensions	110 x 150 x 40 mm (4.33 x 95.9 x 1.75 in.)

6,* +7

SIGHT is the Desoutter HMI solution within the CONNECT hub Platform. A flexible display range with sizes 7", 15" and a module to be adapted to any size display available at the factory site.

It enables visualisation of tightening results and Assembly Process follow-up.

In addition to this you can have remote access to the CONNECT menu for on-line adjustment. Production is safe controlling operators' rights with the CVI Key.



BOOST YOUR PRODUCTIVITY

- Display Assembly Processes & Tightening Results in a configurable screen

BOOST YOUR UP TIME

- Remote access to CONNECT configuration: Move the CONNECT away from the production line and reduce your time and costs of installation
- Easy installation with Ethernet or WiFi communication. PoE powered

BOOST YOUR FLEXIBILITY

- You can use your own HMI with the SIGHT Module: no need to homologate additional hardware



MODEL	PART 180%(5	6, = (	DIMENSIONS						: (,* +7	
			WIDTH		+ (,* +7		DEPTH			
			PP	in.	PP	in.	PP	in.	NJ	lb.
SIGHT 7"	615 813 253 0	7"	198	7.8	137	5.4	48	1.9	0.9	2.0
SIGHT 15"	615 813 254 0	15"	407	16.0	257	10.1	63	2.5	4	8.8
SIGHT MODULE	615 813 255 0	Customer display	-	-	-	-	-	-	-	-

OPTIONAL ACCESSORIES

	PART NO.
Power adaptor 12V	615 813 262 0
Power supply cable	
- European	615 917 201 0
- US	615 917 203 0
- UK	615 917 202 0
- Chinese	615 917 206 0
PoE+ 30W Power injector	615 813 263 0
VESA support for SIGHT 15" (100x100)	615 813 258 0
VESA support for SIGHT 7" (35x75)	615 813 288 0



EABS - The One Hand Nutrunner

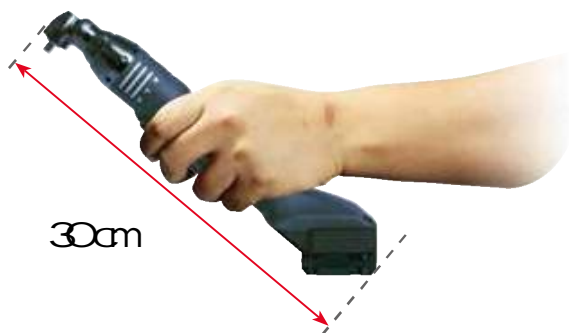


EABS - The One Hand Nutrunner

COMPACTNESS

EABS IS A CONCENTRATION OF ADVANCED TECHNOLOGY which allows to get a compactness never reached up to now with transducerized battery tools.

With a length at 30 cm, EABS can be used with only one hand. Consequently, one hand is released and could be used either to boost productivity or to improve operator's balance during tightening.



HIGH SPEED BATTERY TOOLS WITH 18V BATTERY



EABS IS A PERFECT BALANCE BETWEEN ERGONOMICS AND PRODUCTIVITY

EABS can reach really high speed to boost your productivity even with an 18V battery. Indeed, with an EABS 8 model and an EABS 12 model, free speed values are higher than 1000 rpm while preserving ergonomy with a total weight less than 1.5 kg.

TOOL'S REBALANCING



EASY WIRELESS PAIRING

The EABS tool has an embedded RFID chip for fast and efficient pairing with the CONNECT. Error proofing the process and eliminating any potential wireless setting mistakes.

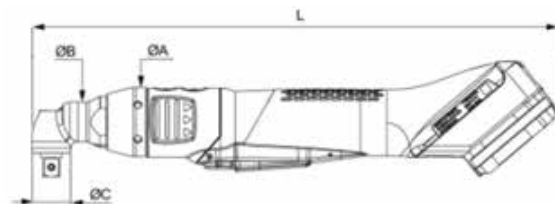
With easy wireless pairing, tool is paired in less than 10 seconds.

EABS Series

1.5 to 24 Nm (1.1 to 16.2 ft.lb) – 10 to 1500 rpm



MODEL	/		ØA		ØB		ØC	
	PP	in.	PP	in.	PP	in.	PP	in.
EABS8-1500	297	11.69	39	1.54	22	0.87	22	0.87
EABS12-1100	297	11.69	39	1.54	22	0.87	22	0.87
EABS17-800	297	11.69	39	1.54	22	0.87	22	0.87
EABS24-500	335	13.19	39	1.54	22	0.91	22	1.10



ACCESSORIES
see page 46

3, & 5()	MODEL	PART 180%(5	287387 DRIVE	TORQUE						MAX. ROTATIONAL SPEED	WEIGHT*		LENGTH*		VOLTAGE
				MIN.	RECOMMENDED	MAX	MIN.	RECOMMENDED	MAX.		. J	IE	PP	.in	
			in.	1P	1P	1P	ft.lb	ft.lb	ft.lb	530					9
A	EABS8-1500-4Q	615 166 088 0	Hex. 1/4	1.5	7	8	1.10	5.16	5.90	1500	1.0	2.20	297	11.69	18/36
%	EABS8-1500-4S	615 166 087 0	Sq 1/4	1.5	7	8	1.10	5.16	5.90	1500	1.0	2.20	297	11.69	18/36
A	EABS12-1100-4Q	615 166 091 0	Hex. 1/4	4	10	12	2.95	7.37	8.85	1100	1.0	2.20	297	11.69	18/36
%	EABS12-1100-4S	615 166 089 0	Sq 1/4	4	10	12	2.95	7.37	8.85	1100	1.0	2.20	297	11.69	18/36
%	EABS12-1100-10S	615 166 090 0	Sq 3/8	4	10	12	2.95	7.37	8.85	1100	1.0	2.20	297	11.69	18/36
A	EABS17-800-4Q	615 166 094 0	Hex. 1/4	5	14	17	3.68	10.32	12.53	800	1.0	2.20	297	11.69	18/36
%	EABS17-800-4S	615 166 092 0	Sq 1/4	5	14	17	3.68	10.32	12.53	800	1.0	2.20	297	11.69	18/36
%	EABS17-800-10S	615 166 093 0	Sq 3/8	5	14	17	3.68	10.32	12.53	800	1.0	2.20	297	11.69	18/36
&	EABS24-500-4Q	615 166 096 0	Hex. 1/4	10	22	24	7.37	16.22	17.70	520	1.3	2.87	335	13.19	18/36
D	EABS24-500-10S	615 166 095 0	Sq 3/8	10	22	24	7.37	16.22	17.70	520	1.3	2.87	335	13.19	18/36

*Weight and length without battery

%/57&

10 to 25 Nm (7.4 to 18.4 ft.lb) - 1520 to 2350 rpm



A



%

BOOST YOUR PRODUCTIVITY

- By reducing cycle time
- By improving joint quality
- By providing process quality

BOOST YOUR FLEXIBILITY

- Free of cable management
- Free of reaction arm
- Reduce total cost of ownership

BOOST YOUR UP TIME

- Boost the uptime of the operator
- Boost the uptime of the tool

	WIFI COMMUNICATION VERSION
Wifi Communication	2.4GHz or 5 GHz
Programming on the tool	N/A
3VHM	250
No. of step in Pset	10
Assembly process	250
5HVXMMV	10000
Tightening Curve	20
Disconnected mode	✓



ACCESSORIES
see page 46

3, & 5 ()	MODEL	PART 180%(5)	287387 DRIVE	287387 RETAINING TYPE	72548(				ROTATIONAL MAX SPEED (RPM)		/(1*7+		WEIGHT*		92/-TAGE
					O,1	MAX	O,1	MAX							
			in.		1 P	1 P	ft.lb	ft.lb	18V	36V	PP	in.	NJ	in.	9
A	BLRTC-2350-10S	615 166 025 0	Sq 3/8	Through hole	6	25	4.4	18.4	1520	2350	233	9.17	1.2	2.6	18/36
%	BLRTC-2350-4Q	615 166 026 0	Hex. 1/4	Quick change chuck	6	25	4.4	18.4	1520	2350	233	9.17	1.2	2.6	18/36

*Weight without battery



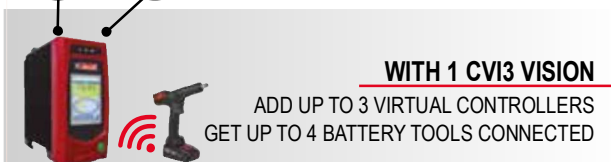
Wireless transducerized battery tool

Multi Battery Tools

Virtual controllers management by Desoutter

Optimized footprint - free from cable - Full Traceability

Access point



EPOD 2C

up to 2 battery tools



Configuration with cable tool: 1 cable tool with up to 2 battery tools

EPOD 3C

up to 3 battery tools



Configuration with cable tool: 1 cable tool with up to 2 battery tools

EPOD 4C

up to 4 battery tools



Configuration with cable tool: 1 cable tool with up to 3 battery tools



Accessories can be dedicated to only one virtual controller or to the whole virtual controllers

Tool overview

- B-LRT
- EABCom
- EPBCom



Pistol Version: additional features

- Torque 1,5-17 Nm
- Compatible with both 18v and 36V batteries
- White LED activated by movement



ADVANCED ERGONOMICS

- Low weight tools
- Effortless trigger
- 45° oriented battery (angle version)
- Slim angle head for tight areas access



INCREASED PRODUCTIVITY

- High speed tool and increased autonomy with 36V battery & 2.1 Ah capacity
- Embedded display for preset selection
- Strong & efficient wireless communication, tested in industrial environment



EASY INTEGRATION

- Quick wireless installation - Directly on an existing CVI3 FROMM
- Data collection through wireless communication
- Improve error-proofing control with advanced tightening strategies
- Easy attachment for crowfoot & tubenuts



OPTIMIZED MAINTENANCE

- Long life batteries, no memory effect on Li-ion battery
- Dust & oil proof trigger
- Common spare parts with all CVI3 range

EPBcom Series

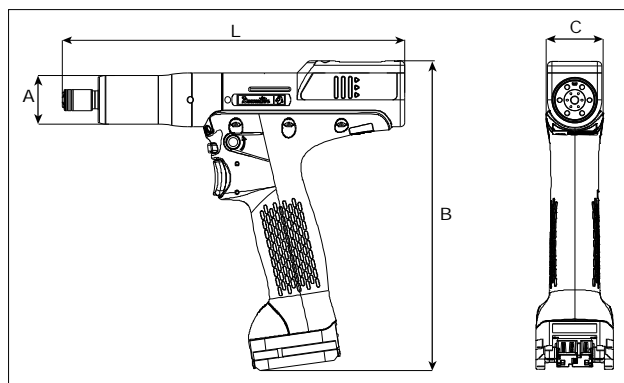
1.5 to 17 Nm (1.1 to 12.5 ft.lb) - 10 to 1800 rpm



A



%



MODEL	/		A		%		&	
	PP	in.	PP	in.	PP	in.	PP	in.
EPBC 8-1800-4Q	227	8.94	32	1.26	206	8.11	38	1.5
EPBC 8-1800-10S	227	8.94	32	1.26	206	8.11	38	1.5
EPBC14-900-4Q	227	8.94	32	1.26	206	8.11	38	1.5
EPBC14-900-10S	227	8.94	32	1.26	206	8.11	38	1.5
EPBC 17-700-4Q	227	8.94	32	1.26	206	8.11	38	1.5
EPBC 17-700-10S	227	8.94	32	1.26	206	8.11	38	1.5



ACCESSORIES
see page 46

3 & 5()	MODEL	PART 180%(5)	287387 DRIVE	TORQUE RANGE						ROTATIONAL SPEED (RPM)		WEIGHT WITHOUT BATTERY		VOLTAGE
				MIN.	RECOM- MENDED	MAX.	MIN.	RECOM- MENDED	MAX.	18V	36V	NJ	IE	
			in.	1P	1P	1P	ft.lb	ft.lb	ft.lb					9
EPBcom - TRANSDUCERIZED BATTERY TOOL														
A	EPBC 8-1800-4Q	615 165 900 0	Hex.1/4"F	1.5	7	8	1.1	5.2	5.9	900	1800	1.0	2.2	18/36
%	EPBC 8-1800-10S	615 165 904 0	Sq.3/8	1.5	7	8	1.1	5.2	5.9	900	1800	1.0	2.2	18/36
A	EPBC14-900-4Q	615 165 980 0	Hex.1/4"F	4	12	14	2.9	8.8	10.3	540	940	1.0	2.2	18/36
%	EPBC14-900-10S	615 165 979 0	Sq. 3/8	4	12	14	2.9	8.8	10.3	540	940	1.0	2.2	18/36
A	EPBC 17-700-4Q	615 165 906 0	+H[.1/4"F	7	15	17	5.2	11	12.5	400	700	1.0	2.2	18/36
%	EPBC 17-700-10S	615 165 902 0	Sq.3/8	7	15	17	5.2	11	12.5	400	700	1.0	2.2	18/36

- Battery not included in standard offering
- Battery 18V, 2.1 Ah: 0.35 kg (0.77lb) / 18V, 4.2 Ah & 36V, 2.1Ah: 0.60 kg (1.32lb)





EABcom Series

5 to 95 Nm (3.7 to 70 ft.lb) - 10 to 900 rpm



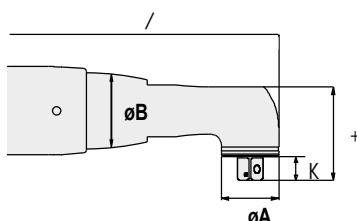
A



%



&



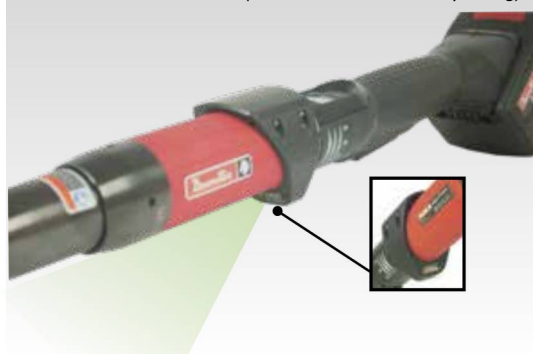
MODEL	/		+		+		ØA		ØB	
	PP	in.	PP	in.	PP	in.	PP	in.	PP	in.
EABC 15-900	470	18.5	10.2	0.40	33.8	1.33	22	0.87	37.0	1.46
EABC 26-560	496	19.5	12.0	0.47	45.7	1.80	28	1.10	37.0	1.46
EABC 32-410	496	19.5	12.0	0.47	45.7	1.80	28	1.10	37.0	1.46
EABC 45-330	506	19.9	12.0	0.47	51.0	2.00	35	1.38	37.0	1.46
EABC 50-450	546	21.5	12.0	0.47	51.0	2.00	35	1.38	37.0	1.46
EABC 60-370	559	22.0	11.9	0.468	57.0	2.20	40	1.57	41.0	1.61
EABC 75-300	582	22.9	17.5	0.69	60.4	2.38	45	1.77	48.5	1.91
EABC 95-240	582	22.9	17.5	0.69	60.4	2.38	45	1.77	48.5	1.91

L = Tool length without battery

1(:

HLINK range

Angle head tool with integrated task light
(with LED color code reporting)



Barcode reader ready



Removable cover

Optional accessory
1D/2D/QR
Bar Code Reader
(615 813 038 0)



ACCESSORIES
see page 46-47

3, & 5(	MODEL	PART NUMBER EABCOM	PART NUMBER EABCOM H/, 1.	SQUARE DRIVE	TORQUE RANGE						ROTATIONAL SPEED	: (* +7 WITHOUT BATTERY		92/- TAGE
					MIN.	RECOM- MENDED	MAX.	MIN.	RECOM- MENDED	MAX.		NJ	IE	
				in.	1P	1P	1P	ft.lb	ft.lb	ft.lb	USP			9

EABcom - TRANSDUCERIZED BATTERY TOOL

•	EABC 15-900	615 165 841 0	615 166 050 0	1/4	5	13	15	3.7	9.6	11	900	1.55	3.42	36
A	EABC 26-560	615 165 842 0	615 166 051 0	3/8	5	24	26	3.7	18	19	560	1.65	3.64	36
A	EABC 32-410	615 165 843 0	615 166 052 0	3/8	7	30	32	5.2	22	24	410	1.65	3.64	36
%	EABC 45-330	615 165 844 0	615 166 053 0	3/8	9	40	45	6.6	30	33	330	1.76	3.88	36
%	EABC 50-450	615 165 845 0	615 166 054 0	3/8	9	45	50	6.6	33	37	450	2.04	4.50	36
%	EABC 60-370	615 165 846 0	615 166 055 0	1/2	10	55	60	7.4	41	44	370	2.35	5.18	36
&	EABC 75-300	615 165 847 0	615 166 056 0	1/2	12	70	75	8.8	52	55	300	2.94	6.48	36
&	EABC 95-240	615 165 848 0	615 166 057 0	1/2	19	90	95	14	66	70	240	2.98	6.57	36

• Battery not included in standard offering

• Battery 36V, 2.1Ah - Weight: 0.60 kg (1.32lb)