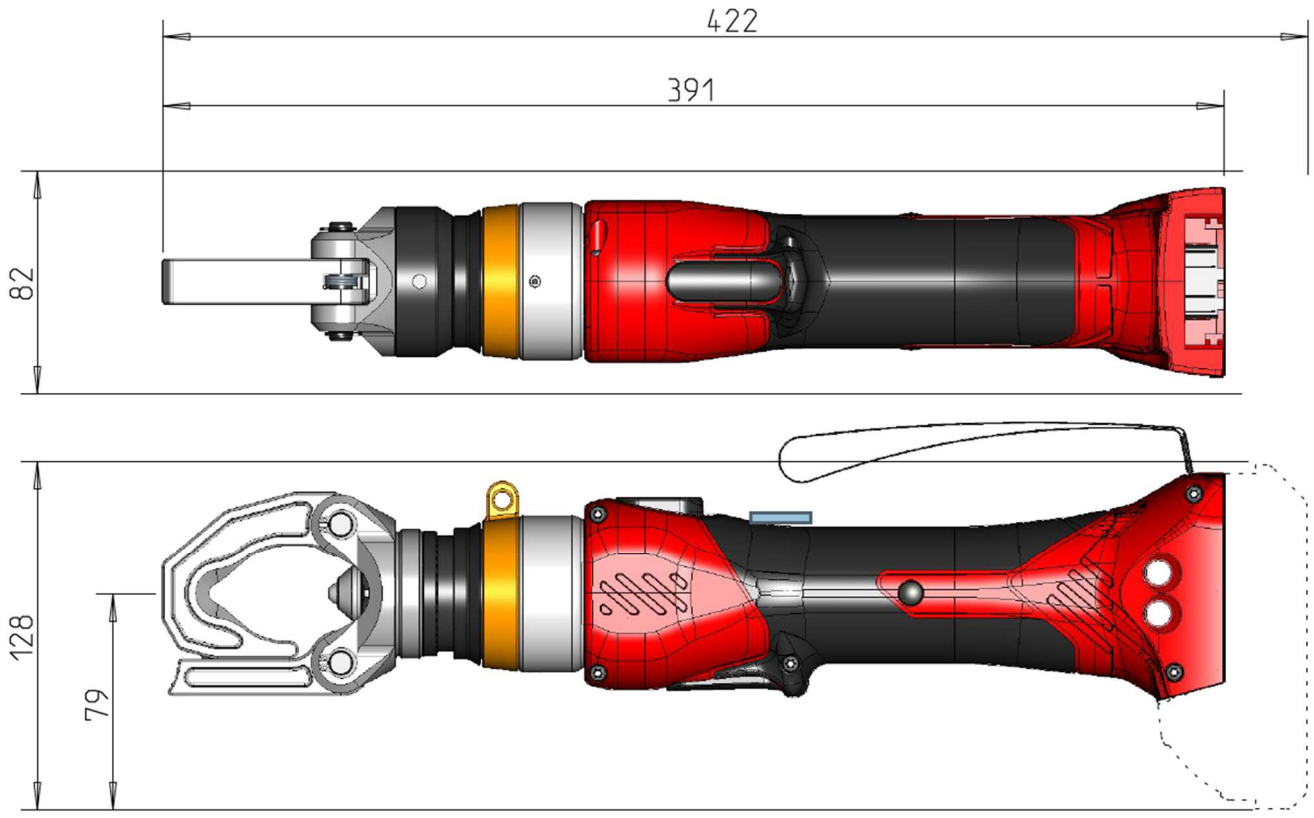
PRODUCT DATA SHEET

Battery operated dies less crimping tool 60kN

Mod. Nr.: Stilo **Item Nr.:** 716716

Date: 41,24



APPLICATION

Th battery operated dies less crimping tool Stilo is suitable for pressing tubular cable lugs and connectors for copper cables with a cross section of 10 to 400mm² without using press inserts. The pressing force is regulated automatically depending on the size of the cable lug.

MATERIALS

The tool head is made of hardened high resistance steel with surface protection.
The pump body and functional parts are made of high resistance material.
Housing made entirely of shock-resistant and insulating fiberglass reinforced polyamide with a soft-grip handle.

TECHNICAL CHARACTERISTICS:

Battery powered pump crimping force of 60kN.
Rapid advance through a three-piston axial pump.
Pressure monitoring using an electronic pressure sensor.
Quick-return via patented check valve.
System pressure safety relief valve set to around 700bar (70MPa).
Automatic pressure limitation and control via pressure sensor.
Automatic return feature. The tool returns to the starting position when the crimping cycle is complete.
Electronic crimping cycle control and monitoring.
Emergency manual return.
Lightweight, compact and robust frame.
Soft start and quick stop to safeguard the motor and gear.
When not under pressure, the crimping head can rotate 360° around the longitudinal axis in order to operate in difficult-to-reach places.
Ergonomic design provides easy operation for both left- and right-handed users.
Automatic motor shut down at the end of the crimping cycle.
Carrying strap.
Operating temperature range: -10°C / +40°.
Integrated multifunctional electronic with sleep mode, maintenance and battery check indicators.
2 multifunctional light-emitting diodes (3-color LED) for:

Error codes Service:

LED-Display		Cause / remedy
after application (cycle)		
	steady green	Working value OK
	flashing red/green	Working value OK but service interval exceeded / Service
	flashing red	Working value is at the limit / contact the service center
	steady red	Working value is outside range / return device to customer service
	steady orange	Temperature is outside the tolerance range / cool or warm the device
after power on (battery insertion)		
	steady green	Power tool is ready for operation
	steady orange	Temperature is outside the tolerance range / cool or warm the device
	steady red	Battery empty / change the battery.

Error codes Battery:

LED-Display		Cause / remedy
after application (cycle)		
	flashing red	Battery charge is below 10% / Change the battery.
	steady red	Battery empty / change the battery.
after power on (battery insertion)		
	steady green	Power tool is ready for operation
	steady red	Battery empty / change the battery.

CONTROL FEATURES

Automatic switching to power saving mode after about 5 min.
Tool turns on by pressing the start button once.
Microcontroller control.
LED display indicates work cycle.
LED display indicates battery level and malfunction.
Monitored motor control for longer useful life of gear, motor and battery.
Precise and repeatable pressure setting using an electronic pressure sensor.
Uninterrupted work cycles from continuous monitoring of the remaining battery charge level.
Integrated Service Management.
Temperature control.

BATTERY TECHNOLOGY

Battery	18V DC; Li-Ion
Capacity:	2,0 Ah
Charge time:	approx. 30 min.

LED battery charge level indicator.
Individual cell monitoring while charging and discharging to optimize tool run time and ensure long term durability.
Optimized cell design for maximum stability and optimum power output.
Protected housing with rubberized support absorbs shocks.
Most advanced system electronics in cordless power tools with unique digital performance enhancement.
Operates down to -20°C.
Temperature management to protect the battery even at low temperatures.
Up to 2.5 times longer runtime.

LABELING

Brand	intercable
Model number	Stilo
Serial number	012345
Compression force	60kN
Symbol	CE
Year of production	YYYY
Nominal voltage	18 V
Symbol	
Labels:	

PACKING AND WEIGHTS

Battery operated dies less crimping tool Stilo with battery	ca. 2,9kg
Rigid case (560 x 357 x 118 mm) to contain the tool, battery and battery charger.	
Set Battery operated dies less crimping tool Stilo with battery, rigid case, carrying strap and battery charger	ca. 5,8kg
Bag (550 x 400 x 150 mm) to contain the tool, battery and battery charger.	
Set Battery operated dies less crimping tool Stilo with battery, bag, carrying strap and battery charger	ca. 5,4kg

SET EQUIPMENT RIGID CASE

Battery operated dies less crimping tool Stilo
Battery 18V / 2,0AH Li-Ion (RA20)
Battery charger (LG8)
Rigid case to contain the tool, reserve battery and battery charger, carrying strap
Operating manual

SET EQUIPMENT RIGID CASE

Battery operated dies less crimping tool Stilo
Battery 18V / 2,0AH Li-Ion (RA20)
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OPTIONAL

230V AC mains adapter (NG3)

APPLICATION RANGE

Tubular cable lugs and connectors CU DIN similar (ICR series; ICS series):	10-400 mm²
Tubular cable lugs and connectors CU DIN similar (CI series):	10-300 mm²
Tubular cable lugs and connectors for fine-wire conductors (ICF series):	10-300 mm²
Tubular cable lugs and connectors for fine-wire conductors (CI…SF series):	35-185 mm²
Tubular cable lugs steel (ICVA series):	10-95 mm²
Tubular cable lugs nickel (ICNI series):	10-16mm²
Uninsulated terminals DIN 46234 (ICQ series):	10-240 mm²