

TruTool

The new 10.8 V Li-Ion machines: Power-Head-Technology.





Slitting shear TruTool C 160 Li-Ion battery

Power-Head-Technology

TRUMPF C 160 slitting shears, S 160 and S 114 shears and the PN 130 profile nibbler are available with 10.8 V Li-Ion batteries with standard two 2 Ah batteries and optional 4 Ah battery. Combined with a battery-optimised aluminium gear head, the newest Li-Ion battery technology forms the basis of our new cordless tools. Many details in the gear head are tailored to the voltage of the battery technology and enable the 10.8 volt battery to produce output that is comparable to a 14.4 volt battery. Here is an example: In steel 400 N/mm² and a sheet thickness of 0.8 mm, about 100 meters can be cut using the S 160 shear with a 2 Ah battery. And with a 4 Ah battery, you can even double the run time.

Staying cool

Individual electrical cell monitoring in the battery unit and in the charger protect the battery from overload, overheating and deep discharge. The robust battery cells show a low energy drop and

always remain cool. A built-in microprocessor analyses the battery data and controls an optimal charge and discharge process. The result: High efficiency combined with long battery service life.

Compact size – low weight

The cordless shears and profile nibblers from TRUMPF are up to 24% lighter than comparable machines on the market and their compact, ergonomic design increases operating comfort and provides the greatest possible mobility. A soft grip handle on the motor housing ensures a secure grip and low-vibration operation.

Constant and high cutting speed

The integrated speed regulator compensates temporary bulges on the edges and seams of the sheet metal. This allows you to cut the sheet metal with constant power and almost constant cutting speed.

Profile nibbler TruTool PN 130 Li-Ion battery



Shear TruTool S 160 Li-Ion battery



Profile nibbler TruTool PN 130 Li-Ion battery



Slitting shear TruTool C 160 Li-Ion battery with chip clipper



Slitting shear TruTool C 160 Li-Ion battery



Nearly uninterrupted cutting

Coloured LEDs on the motor indicate the battery's charge status. Even when using the cordless tools for longer periods, it takes only a short time to recharge the battery. Recharging can be done at any time, regardless of the current charge level. The 2 Ah battery, for example, can be charged up to 80% in just 15 minutes or up to 100% in 30 minutes. While charging the first battery, you can use the second battery that comes with the cordless tool, so work doesn't have to stop.

Shear TruTool S 160 Li-Ion battery



Shear TruTool S 114 Li-Ion battery



Slitting shear TruTool C 160 Li-Ion battery / Slitting shear TruTool C 160 Li-Ion battery with chip clipper

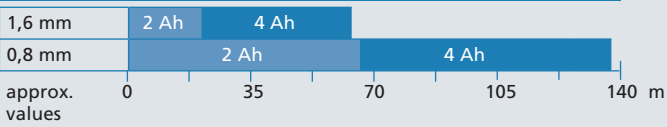


Version		Order No.	Order No.
		TruTool C 160 Li-Ion	TruTool C 160 Li-Ion chip clipper
D	230 V	1886681	1886683
CH	230 V	1907693	1907695
GB	115 V	1907694	1907696
USA	115 V	1886682	1886684

- Accurate cuts, outstanding cutting quality
- Precise starting and cutting
- Machine can be pulled out of the workpiece and restarted
- Rotatable cut guides, double the service life
- The right cutter for every application. Can be quickly replaced.

Accessories included:
2x batteries 10.8 V / 2 Ah, 100 – 240 V charger, cutter (integrated), hex head wrench DIN 911-2, hex head wrench DIN 911-3, belt clip, TRUMPF Box S1

Cutting performance per battery charge (mild steel 400 N/mm²)



Shear TruTool S 160 Li-Ion battery

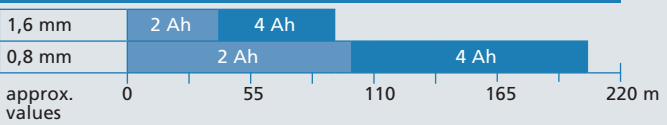


Version		Order no.	Version		Order no.
D	230 V	1886629	GB	115 V	1907692
CH	230 V	1907691	USA	115 V	1886630

- Burr-free cutting
- Clear view of the work surface and cutting line
- Precise cutting. Best possible flexibility in curves
- Minimum force required thanks to optimum cutting geometry
- Long tool life due to four reversible cutting blades

Accessories included:
2x batteries 10.8 V / 2 Ah, 100 – 240 V charger, cutter (integrated), hex head wrench DIN 911-2, hex head wrench DIN 911-3, belt clip, TRUMPF Box S1

Cutting performance per battery charge (mild steel 400 N/mm²)



Shear TruTool S 114 Li-Ion battery

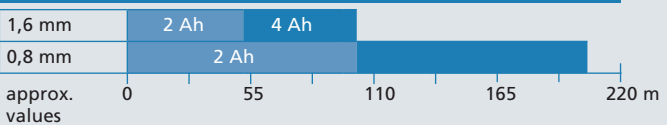


Version		Order no.	Version		Order no.
D	230 V	1886685	GB	115 V	1907698
CH	230 V	1907697	USA	115 V	1886687

- Burr-free cutting
- For cutting tubes (flat trimming surfaces) that are placed close to the wall or ceiling
- Perfect cutting quality even across folded surfaces (i.e. spiral ducts)
- Replaceable cutters, double the service life
- Trims C-L-U profiles and flat sheet metal

Accessories included:
2x batteries 10.8 V / 2 Ah, 100 – 240 V charger, cutter (integrated), wrench TX20, belt clip, TRUMPF Box S1

Cutting performance per battery charge (mild steel 400 N/mm²)



Profile nibbler TruTool PN 130 Li-Ion battery

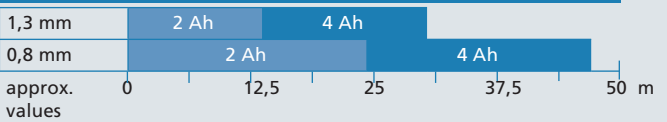


Version		Order no.	Version		Order no.
D	230 V	1888536	GB	115 V	1907700
CH	230 V	1907699	USA	115 V	1888537

- Outstanding mobility in the curves
- Distortion free cutting process
- 360° cutting directions to choose from
- Simple carrier replacement and integrated die

Accessories included:
2x batteries 10.8 V / 2 Ah, 100 – 240 V charger, punch (integrated), belt clip, TRUMPF Box S1

Cutting performance per battery charge (mild steel 400 N/mm²)



Li-Ion battery technology

5 new battery units from TRUMPF



COMPACT AND LIGHT

Small machine size, light weight of machine- and battery, combined with high performance guarantee unique operating comfort and highest mobility.



**Power-Head
TECHNOLOGY**



CONSTANT-CONTROL-TECHNOLOGY

The integrated speed controller compensates for temporary bulges in the sheet metal. This results in a constant work output and an almost constant cutting speed.



POWER-HEAD-TECHNOLOGY

Battery-optimised aluminium gear head for a long-term run time. Its 10.8 V is as powerful as 14.4 V.



Includes 2x
batteries

2Ah batterie

Optional
available

4Ah batterie

POWER-HEAD-TECHNOLOGY

Battery-optimised aluminium gear head for a long run time.

More cutting power

Shear

* up to
40%

Slitting shear

* up to
14%

Profile nibbler

* up to
60%

Example: Steel 400 N/mm², 0,8 mm sheet thickness

* Per battery charge with optional 4 Ah battery.
Compared with similar competitive products.

COMPACT AND LIGHT

For singular operating comfort and the highest possible mobility.

Less weight

Shear

* up to
14%

Slitting shear

* up to
16%

Profile nibbler

* up to
24%

Basis: Machine weight with a 4 Ah battery

* Compared with similar competitive products

Target groups:

Metal workers, plumbers, ventilation and air conditioning, facade construction, electrical installers, drywall construction, coil-industry / stamping, vehicle construction, chimney construction, machinery and plant construction, container and silo construction

Applications:

- Flat, corrugated, deep trapezoidal sheet metal
- C-L-U-profiles
- Ventilation pipes
- Spiral ducts
- Coil cuts

10.8 V / 2 Ah battery: Charge to 80% in only 15 minutes

Charge status display
Indicates current battery cell status

Individual cell monitoring
Protects against overload and overheating. For long battery service life.

Practical
Battery is easy to attach to the machine

For even longer run times
The optional 4 Ah battery

Long run time
Power-Head-Technology: With 10,8 V as powerful as 14,4 V

Short charging times
Fast and monitored charging process

Ergonomic
Small size, light weight

Charger 100 – 240 V

Charger			
Weight	420 g		
Dimension (L x W x H)	6.69 x 3.98 x 2.48 inch		
	Version		Order no.
Charger 100 – 240 V	D	50/60 Hz	1886527
Charger 100 – 240 V	CH	50/60 Hz	1886529
Charger 100 – 240 V	GB	50/60 Hz	1886530
Charger 100 – 240 V	USA	50/60 Hz	1886528

Battery 10,8 V 2 Ah / 4 Ah

Battery	2 Ah	4 Ah
Battery voltage	10,8 V	10,8 V
Weight	230 g	400 g
Dimension (L x W x H)	3.62 x 2.756 x 1.77	3.62 x 2.756 x 1.77
	Version	Order no.
Battery	10.8 V / 2 Ah	1886525
Battery	10.8 V / 4 Ah	1886526

Technical data	Slitting shear TruTool C 160 Li-Ion	Slitting shear TruTool C 160 Li-Ion with chip clipper	Shear TruTool S 160 Li-Ion	Shear TruTool S 114 Li-Ion	Profile nibbler TruTool PN 130 Li-Ion
Steel 400 N/mm²	0.063 inches	0.063 inches	0.063 inches	0.063 inches	0.0512 inches
Steel 600 N/mm²	0.0472 inches	0.0472 inches	0.0472 inches	0.0393 inches	0.0315 inches
Aluminium 250 N/mm²	0.078 inches	0.078 inches	0.078 inches	0.078 inches	0.078 inches
Spiral duct steel 400 N/mm²	4 x 0.025 inches with CR-cutter	4 x 0.025 inches with CR-cutter		4 x 0.0295 inches	
Spiral duct steel 600 N/mm²				4 x 0.0197 inches	
Smallest radius	3.54 inches	3.54 inches	0.59 inches	2.36 inches	0.984 inches
Min. tube diameter				1.96 inches	
Throat depths				1.18 inches	
Start hole diameter	0.59 inches	0.59 inches	1.063 inches		0.59 inches
Tension	10,8 V	10,8 V	10,8 V	10,8 V	10,8 V
Working speed	16.4 -29.53 f/min.	16.4 -29.53 f/min.	16.4 -29.53 f/min.	6 – 13 m/min.	8.2 f/min.
Strokes at nominal load	2'500 (1/min.)	2'500 (1/min.)	2'800 (1/min.)	2'900 (1/min.)	1'800 (1/min.)
Idle speed	3'000 – 4'300 (1/min.)	3'000 – 4'300 (1/min.)	3'000 – 4'300 (1/min.)	3'000 – 4'200 (1/min.)	2'000 – 2'600 (1/min.)
Weight (with 2 Ah battery)	1,4 kg	1,4 kg	1,6 kg	1,7 kg	1,4 kg



5 Garantie
Warranty
Garanzia
Garantía

Practical details

The belt clip can be attached to the motor on the side, allowing you to conveniently hang the tool on your belt or your pants pocket. This means the tool is always secure and within reach, even if for a short time both hands are needed for other tasks.

TRUMPF Box – with system

All 10.8 V cordless tools are securely stored in stable and impact-resistant ABS plastic boxes. The TRUMPF boxes can be stacked on top of one another and with a twist connected, so you can comfortably transport several tools at once. An additional advantage: Thanks to special locks, each box can be opened separately without having to remove it from the stack.

5-year warranty

Extend the standard warranty period for your power tool to five years. Completely free of charge. The only requirement is that you register your machine within four weeks starting on the date of purchase. The quickest and easiest way to obtain the 5-year warranty is online registration at www.warranty-powertools.trumpf.com.

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TRUMPF is certified according to ISO 9001:2008
(further informations see www.trumpf.com/en/company/quality)

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