

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/mm<sup>2</sup> 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

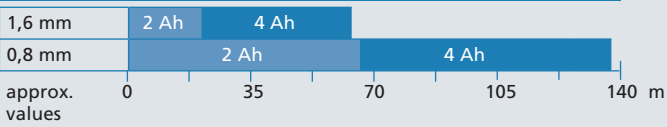


Version		Order No.	
		TruTool C 160 Li-Ion	TruTool C 160 Li-Ion chip clipper
D	230 V	1886681	1886683
CH	230 V	1907693	1907695
GB	115 V	1907694	1907696
USA	115 V	1886682	1886684

- 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

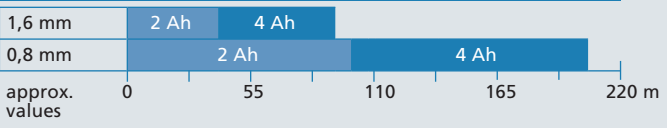


Version		Order no.	
		Version	Order no.
D	230 V	1886629	GB 115 V 1907692
CH	230 V	1907691	USA 115 V 1886630

- 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

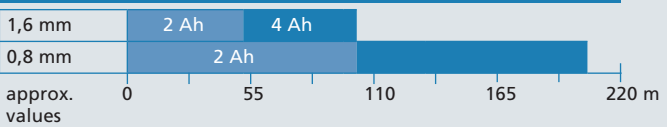


Version		Order no.	
		Version	Order no.
D	230 V	1886685	GB 115 V 1907698
CH	230 V	1907697	USA 115 V 1886687

- 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

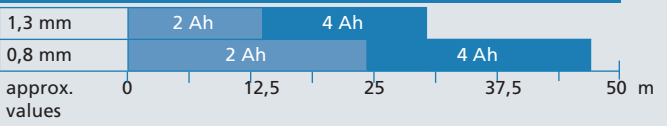


Version		Order no.	
		Version	Order no.
D	230 V	1888536	GB 115 V 1907700
CH	230 V	1907699	USA 115 V 1888537

- 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/mm<sup>2</sup>, 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

**Practical**  
Battery is easy to attach to the machine

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

**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)	170 x 101 x 63 mm		
	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)	92 x 70 x 45 mm	92 x 70 x 65 mm
	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	1,6 mm	1,6 mm	1,6 mm	1,6 mm	1,3 mm
Steel 600 N/mm²	1,2 mm	1,2 mm	1,2 mm	1,0 mm	0,8 mm
Aluminium 250 N/mm²	2,0 mm	2,0 mm	2,0 mm	2,0 mm	2,0 mm
Spiral duct steel 400 N/mm²	4 x 0,63 mm with CR-cutter	4 x 0,63 mm with CR-cutter		4 x 0,75 mm	
Spiral duct steel 600 N/mm²				4 x 0,50 mm	
Smallest radius	90 mm	90 mm	15 mm	60 mm	25 mm
Min. tube diameter				50 mm	
Throat depths				30 mm	
Start hole diameter	15 mm	15 mm	27 mm		15 mm
Tension	10,8 V	10,8 V	10,8 V	10,8 V	10,8 V
Working speed	5 – 9 m/min.	5 – 9 m/min.	5 – 9 m/min.	6 – 13 m/min.	2,5 m/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
Weight (with 4 Ah battery)	1,6 kg	1,6 kg	1,8 kg	1,9 kg	1,6 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](http://www.warranty-powertools.trumpf.com).

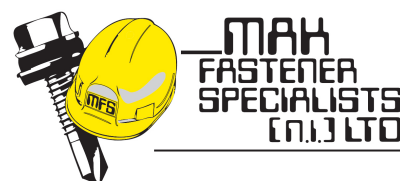
Your local distributor:

MAK Fastener Specialists (NI) Ltd  
Unit 3D · Parkway Trading Est · Barton Dock Rd · Stretford · Manchester, M32 0TL  
Tel +44 (0)161 866 8164 · Fax +44 (0)161 866 9963  
E-Mail [uksales@makfasteners.com](mailto:uksales@makfasteners.com) · Web [www.makfasteners.com](http://www.makfasteners.com)

Northern Ireland Office

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Tel +44 (0)28 86758574 · Fax +44 (0)28 86758578  
E-Mail [salesni@makfasteners.com](mailto:salesni@makfasteners.com)

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



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