







The right innovation for every industry

Professional sheet metal fabricators in many industries around the world rely on user-friendly power and battery tools by TRUMPF. Our products convince not only by their high quality "made in Switzerland", but also by the latest technology. As the world's leading manufacturer of manufacturing technology, TRUMPF stands for innovation on a high level. Benefit from our cross-industry application know-how in the field of power tools.

Steel and metal construction

Easily achieve true-to-size and visually appealing results in steel and metal construction: With our edge trimmers and the TRUMPF bevellers you can prepare components with clean visible edges, remove burrs cleanly and thoroughly and prepare materials for painting & galvanizing or prepare weld

Container and machinery construction

Water tightness is a basic prerequisite in the construction of tanks or containers. With the TRUMPF beveller you can save a lot of time and money, since you get safe, high-quality seams without reworking.

Roof and building envelope

Reduce physical strain when working on the roof and on the facade with ergonomic, optimally balanced tools. With the TRUMPF nibblers, slitting shears, shears and the panel cutter, you can cut easily and accurately.

Automotive plants

Do you rightly aspire to use products flexibly from batch size one or more and up to process project-specific components? Use the TRUMPF edge trimmers, e.g. to create weld seams to contours.

Heating / ventilation / air conditioning

In the field of heating, air conditioning and ventilation, you can work quickly, precisely and with consistently high quality even in inaccessible places. Thereby use our shears, slitting shears, seam lockers and power fasteners, without the requirements of hot works permits.

Tank removal / demolition / disassembly

TRUMPF has developed its demolition nibbler specially for continuous use in dismantling and disassembly works. This allows you to safely and reliably separate sheet metal thicknesses up to 10 mm – without emissions and flying sparks.

4 Process and product groups Electric- and Cordless tools Electric- and Cordless tools Applications 5

Processes and product groups



Product groups and applications

RC	DDUCT GROUPS	C	S	N	PN	ТРС	F	TF	TKA	TKF	FCN	TSC	PS	тс
	Bevelling													
5	Laser slat cleaning		-											
	Cutting notches					<u> </u>								
Ì	Cutting containers and tanks		1											
	Trimming		1											
	Cutting fiber composite materials		-	 -										
	Cutting C-L-U profile	$\overline{}$	-	1	1									
	Cutting steel coils	=	-											_
	Cutting flat sheet metal	=	-											
	Secure flanges		-	- -		-								
	Interior cutouts					-		-					l ———	
	Close ducts			- -	I	- -								-
	Cutting ducts		-											-
	Deburr edges	_	-	 -	 -	-								-
	Prepare edges for painting / galvanizing		-											
	Removing small parts from the scrap skeleton		-			-							_	
	Cutting plastic materials					-								-
		_	-		- -	.		ļ ——						-
	Cutting plastic pipes	_		l- <u>-</u> -	l- <u>-</u> -	-								-
	Cutting manholes					-								-
	Cutting sandwich panels: Windows / doors / interior cutouts													
	Cutting sandwich panels	_	-			l <u> </u>								_
	Close fan housings	_	-			-	_							
	Cutting doubled sheets, bends and weld		-			-								
	seams													
	Weld seam preparation		-											_
	Create radius & chamfered edges		-			-								_
	Front edge milling		-	·	l	·								-
			-	l		·		_						_
	Joining parts		-		-	-								
	Cutting trapezoidal sheet metal		-	I——	I ——	-								_
	Cutting corrugated sheet metal	-	-			·								_
	Cutting spiral ducts	_	-											_
_	Close angle and standing seams		1	I	1	I		1	1		1			
	Container and machinery construction													
	Roof and building envelope		-											
	Automotive plants													
	Heating / ventilation / air conditioning													
	Plastic pipeline construction		-											
	Machine construction									ш				
	Steel and metal construction													
	Sport industry													

6 Product overview Electric- and Cordless tools Electric- and Cordless tools 7

Product overview



Product overview





- Torsion-free cut
- Ideal for interior cutouts and notching
- Accurate starting and cutting
- High cutting speed
- Tool-free, fast cutter changes
- No setup work on the tool



Battery



TruTool C 160 LiHD battery 12V











TruTool C 160 with chip clipper LiHD battery 12V TruTool C 200 LiHD battery 18V

Electric



TruTool C 250 with chip clipper

Battery	
CAS CORDLESS ALLIANCE SYSTEM	
	18V 🖺
7. 10	BL Motor
	Quick & Fasy
TruTool C 250 with chip clipper Li	HD battery 18V

Technical data								
Slitting shears TruTool		C 160 with	battey 12V */ chip clipper ctery 12V *		C 200 LiHD battery 18V **			
		Cutter straight	Cutter CR	Set Spiro	Set HighSpeed	Set CR		
		1–1.6 mm	0.5-1.2 mm					
Max. sheet thickness								
Steel 400 N/mm²	mm	1,6			1,5 – 2			
Steel 600 N/mm²	mm		1,2			1,5		
Aluminium 250 N/mm²	mm	2			3			
Spiral ducts 400 steel N/mm²	mm		4 x 0,75	4 x 0,9 / 6 x 0,6				
Spiral ducts 600 steel N/mm²	mm			4 x 0,6				
Working speed up to	m/min	10	10	10	15	10		
Min. start hole diameter	mm	15	15	8	20	18		
Smallest radius (L/R)	mm	90/90	160/160	80/110	80/100	80/100		
Voltage	V		12	18				
Weight with battery	kg	1,5		2,4				
Length / height	mm	35	7/88		394/119			

^{*} More cutters available: Cutter straight up to 1 mm. Curve cutter up to 1 mm ** More cutters available: Set HighQuality, set thin sheet, set curves

Technical data									
Slitting shears TruTool		C 250 with chip clipper * / C 250 with chip clipper LiHD battery 18V *							
		Cutter straight	Cutter CR	Cutter SC					
		1.5–2.5 mm	> 1.5 mm	30					
Max. sheet thickness									
Steel 400 N/mm²	mm	2.5							
Steel 600 N/mm²	mm		1.5						
Aluminium 250 N/mm²	mm	3							
Spiral ducts 400 steel N/mm²	mm			4 x 0.9 / 6 x 0.6					
Spiral ducts 600 steel N/mm²	mm			4 x 0.6					
Working speed up to (electric)	m/min	10	10	10					
Min. start hole diameter	mm	22	20	18					
Smallest radius (L / R)	mm	100/130	100 /100	150					
Rated input power	W		550						
Voltage	V		18						
Weight	kg	2.1							
Weight with battery	kg		2.5						
Length / height (electric)	mm	340/82							
Length / height (battery)	mm		398/119						

 $^{^{\}star}$ $\,$ More cutters available: Cutter straight up to 1.5 mm. Curve cutter up to 1.5 mm

Stop



- Chip-free cutting
- Clear view of the work surface and cutting line
- Best possible flexibility in curves
- Fast, precise cutting, even in overhead position
- Minimum force required thanks to optimum cutting geometry



- Cutting without feed force

Electric- and Cordless tools

- Clear view of the work surface
- Hollow round punch for the greatest manoeuvrability
- Rectangular punch for the highest level of profile flexibility

TruTool N 350

TruTool N 700



Electric



TruTool S 450











TruTool S 114 LiHD battery 12V













18V =

TruTool S 250 LiHD battery 18V

					1
Shears TruTool		S 450	S 114 LiHD battery 12V	S 160 LiHD battery 12V	S 250 LiHD battery 18V
Max. sheet thickness					
Steel 400 N/mm²	mm	4.5	1.6	1.6	2.5
Steel 600 N/mm²	mm	3.5	1	1.2	2
Steel 800 N/mm²	mm	2.5		1	1.5
Aluminium 250 N/mm²	mm	5	2	2	3
Spiral ducts steel 400 N/mm²	mm		4 x 0.75		
Spiral ducts steel 600 N/mm²	mm		4 x 0.5		
Working speed up to	m / min	6	13	9	8
Min. start hole diameter	mm	75		28	28
Smallest radius	mm	R 35 / L 25	60	16	20
Minimum tube diameter	mm		50		
Throat depths	mm		30		
Rated input power	W	1700			
Voltage	V		12	12	18
Weight without cable	kg	6.2			
Weight with battery	kg		1.8	1.7	2.5
Length / height	mm	334 x 280	380 x 95	295 x 156	325 x 188

















Battery







TruTool N 160 LiHD battery 12V



TruTool N 200 LiHD battery 18V

Technical data												
Nibbler		N 200	N 350	N 500	N 700	N 1	1000	N 160	N 200			
TruTool						1 st gear	2 nd gear	LiHD battery 12V	LiHD battery 18V			
Max. sheet thickness												
Steel 400 N/mm²	mm	2	3.5	5	7	10	8	1.6	2			
Steel 600 N/mm ²	mm	1.5	2.3	3.2	5	7	5	1	1.5			
Steel 800 N/mm²	mm	1	1.8	2.5	3.5	5	4	0.7	1			
Aluminium 250 N/mm²	mm	2.5	3.5	7	10	12	10	2	2.5			
Working speed	m/min	1.7	1.4	1.5	1.3	1.1	1.7	2.2	1.6			
Min. start hole diameter	mm	17	30	41	50	75	75	22	17			
Smallest radius	mm	4	7	90	140	300	300	24	4			
Rated input power	W	550	1700	1700	1700	2600	2600					
Voltage	V							12	18			
Weight without cable	kg	1.8	3.7	4	8.3	14	4.7					
Weight with battery	kg							1.6	2.2			
Length / height	mm	267 x 155	397 x 227	397 x 235	468 x 319	645	x 301	307 x 170	325 x 201			

Cutting – Panel cutter **13**

- Distorsion free cutting process
- High curve and profile flexibility
- Rotating head Cut left, right, forwards or backwards
- No oxide formation on the cutting edge
- Tool-free changing of punches and die carriers

- Precisely dimensioned, right angle cutouts
- Inside recess and notches without pilot hole drilling thanks to insertion mechanism
- Work completed in one operation, without finishing work
- Cuts pre-assembled panels
- Easy to operate without fatigue



Electric



TruTool PN 200



TruTool PN 201



Technical data						
Profile nibblers TruTool		PN 200	PN 201	N 160 with extension LiHD battery 12V	PN 200 LiHD battery 18V	PN 201 LiHD battery 18V
Max. sheet thickness						
Steel 400 N/mm²	mm	2	2	1.6	2	2
Steel 600 N/mm²	mm	1.5	1.5	1	1.5	1.5
Steel 800 N/mm²	mm	1	1	0.7	1	1
Aluminium 250 N/mm²	mm	3	3	2	3	3
Working speed	m/min	2.1	2.2	2.2	1.9	1.9
Min. start hole diameter	mm	24	24	22	24	24
Smallest radius	mm	50	50	24	50	50
Rated input power	W	550	550			
Voltage	V			12	18	18
Weight without cable	kg	1.8	2			
Weight with battery	kg			1.8	2.2	2.4
Length / height	mm	267 x 147	267 x 317	307 x 280	325 x 194	325 x 363



TruTool TPC 165

Technical data		
Panel cutter TruTool		TPC 165
Max. panel thickness	mm	165
Single sheet thickness for steel 400 N / mm ²	mm	0.9
Insulation material		Polyurethane, polyisocyanurate foam (PUR / PIR)
Smallest possible opening created by piercing	mm	340 x 340
Working speed	m/min	4
Rated input power	W	1700
Cutting width	mm	4
Weight without cable	kg	9.6
Length / height	mm	493 x 231
Length / height with blade	mm	493 x 437



■ Closing Pittsburgh seam and automatic adjustement to sheet thickness (except TruTool F 125)

Electric- and Cordless tools

- Cost-effective seam closure, at the installation
- Constant seaming result on straight and curved
- Quick, consistently tight seam closure
- Reduced-noise, vibration-free closing

For strong, permanent and corrosion-resistant joints in one operation

- Replaces fasteners such as rivets and screws
- Unbeatably fast process
- Joining of different materials, as well as coated and uncoated workpieces
- Minimal setup time

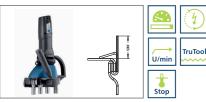


Electric

Seam lockers



TruTool F 125



TruTool F 300 with 1700 W motor







Technical data						
Seam lockers TruTool		F 125		F 300	F 300 with 1700 W motor	F 301
Max. sheet thickness						
Steel 400 N/mm² (min.)	mm			0.75	0.75	0.45
Steel 400 N/mm² (max.)	mm	1.25	1.4	1.25	1.25	1
Steel 600 N/mm² (max.)	mm		0.6			
Max. edge thickness	mm	5				
Edge length (H)	mm	40	10-15			
Flange height (B):						
For sheet thickness 0.75-1	mm			9-11	9-11	
For sheet thickness >1-1.25	mm			11–13	11–13	
For sheet thickness 0.45-1	mm					8-11
For sheet thickness 0.6-1	mm		8-10			
For sheet thickness >1-1.4	mm		10-12			
Clearance (C)	mm		2.5			
Working speed up to	m / min	6	10	7	10	7
Smallest inner radius (preformed)	mm		300	150	150	150
Smallest outer radius	mm		500	300	300	300
Rated input power	W	550	550	550	1700	550
Weight without cable	kg	2.8	4.3	5.5	6.5	5.3
Length / height	mm	279 x 149	321 x 257	285 x 406	285 x 391	285 x 35





TruTool TF 350 LiHD battery 18V

Technical data			
Power fasteners TruTool		TF 350	TF 350 LiHD battery 18V
Max. sheet thickness			
Steel 400 N/mm²	mm	3.5	3.5
Steel 600 N/mm²	mm	2.5	2.5
Aluminium 250 N/mm²	mm	4	4
Minimum sheet thickness	mm	0.8	0.8
Maximum locking power	kN	25	25
Max. stroke power	1/s	2	2
Edge distance	mm	8-58	8-58
Straight flange height maximum	mm	36	36
Rated input power	W	1700	
Voltage	V		18
Weight without cable	kg	8.3	
Weight with battery	kg		8
Lenath / height	mm	426 x 358	454 x 358



- Fast, emission free process
- Clean, oxide free edge surfaces
- Accurate, constant edge quality in one step
- Tool-free and quick adjustment of the bevel height
- For chamfers with 0° and 15° 60° (in increments of 5°). Apply round edges with 2, 3 or 4 mm radii.

Emission and oxide free edges for heavy-duty weld joints

- Welding seam preparation in a single step, no reworking
- High working speed
- Various angle adjustments
- Tool-free change of cutting tools



Electric









Technical data															
Edge trimmers TruTool			TKA 700					TKA 1500							
Bevel angles		30°		45°		60°		30°		37.5°		45°		60°	
Max. bevel length (ls) Max. bevel height (hs)		ls	hs	ls	hs	ls	hs	ls	hs	ls	hs	ls	hs	ls	hs
Steel 400 N/mm²	mm	7.0	6.1	7.0	4.9	7.0	3.5	15	13	15	12.1	15	10.6	15	7.5
Steel 600 N/mm²	mm	3.7	3.1	3.7	2.5	3.7	1.8	12	10.4	12	9.7	12	8.5	12	6
Steel 800 N/mm²	mm	2.3	1.8	2.3	1.6	2.3	1.1	10	8.7	10	8.1	10	7.1	10	5
Aluminium 250 N/mm²	mm	10	6.5	10	6.4	10	5	15	13	15	12.1	15	10.6	15	7.5
Min. sheet thickness	mm			1.5	+ hs			3 + hs							
Smallest inner radius	mm			1	8						3	0			
Smallest hole diameter	mm			3	5						5	5			
Working speed	m/min		4						1	.5					
Rated input power	W		1700						26	00					
Weight without cable	kg	3.9						10							
Length / height	mm		397 x 149				679 x 197								

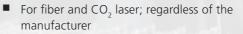
Technical data											
Bevellers TruTool		TKF	700	TKF	1500	TKF 1500 with 2 speed					
Bevel angles		30° 37.5° 45°			°-45° -55°	20° *20°	-45° -55°		°-45° -55°		
						1 st gear		2 nd	gear		
Max. bevel length (ls) Max. bevel height (hs)		ls	hs	ls	hs	ls	hs	ls	hs		
Steel 400 N/mm²	mm	7	5.0	15	10.6	15	10.6	15	10.6		
Steel 600 N/mm²	mm	5.7	4.0	9	6.4	11	7.8	9	6.4		
Steel 800 N/mm²	mm	4	3.0	6	4.2	9	6.4	6	4.2		
Sheet thickness	mm	1-	20	4-4	40 **	4-4	10 **	4-4	10 **		
Smallest inner radius	mm	4	.0		55	!	55		55		
Working speed	m/min	1	.5		2	1	.25		2		
Rated input power	W	1700		2	600	2600		2600			
Weight without cable	kg	5	.3	1	6.5	1	19.5 19		9.5		
Length / height	mm	342	x 240	554	x 360		607	x 361			

^{*} Bevel angles with special stripper

^{** &}gt; 40 up to 160 mm with adjustments set



- Removal of laser-cut small parts from the scrap skeleton
- Separates nanojoint and microjoint connections up to 12 mm
- Ergonomic and user-friendly: the machine can be guided at the machine head and the handle



- Increases process reliability and quality of finished parts
- TruTool TSC 100: Ideal for lasers with low to medium power
- TruTool TSC 200: Optimal for high laser power and hard slag



Pneumatic

18 Special machines



TruTool PS 100



Technical data				
Part separator TruTool		PS 100		
Connecting thread	п	1/4		
Air consumption at 6 bar	m³/min	0.06 - 0.12		
Max. operating pressure	bar	6		
Scrap skeleton thickness (max.)	mm	12		
Stroke rate (from - to)	1/min	500-1500		
Weight (without hose and connector)	kg	1.2		
Length / height	mm	223 x 88		

Technical data				
Slat cleaner TruTool		TSC 100	TSC 200	
For laser power	W	< 10000	> 6000	
Support slat thickness	mm	2-6,9	2 - 4	
Max. slag thickness	mm	25	25 *	
Min. spacing between support slats	mm	33,5	33,5	
Working speed up to	m/min	8	10	
Rated input power	W	1700	1700	
Service indicator		yes	yes	
Weight without cable	kg	18	19,8	
Length / height	mm	2104 x 342	2002 x 430	

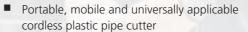
 $[\]star$ For > 15 mm slag: work with the optional feed drive



Low dust and no smoke formation during

■ Perfect cutting edge, without delamination and fraying

- Precise work, clear view of the cutting line
- Cuts all common fiber composite materials, even aramid



- Ideal for cutting PE and PP plastic pipes into sections, with or without insulation, PE80, PE100, PE100 RC
- Open view of the cutting line
- Easy machine handling via guide carriage



Electric





TruTool FCN 250



Battery





TruTool TC 200 LiHD battery 18V

Technical data					
Fiber composite nibbler TruTool		FCN 250			
				Max. material thickness CFRP / GFRP / AFRP	mm
Start hole diameter	mm	17			
Smallest radius	mm	4.3			
Working speed up to	m / min	1.7			
Rated input power	W	550			
Weight without cable	kg	1.8			
Length / height	mm	267 x 155			

 $^{{}^{\}star} \ \mathsf{CFRP} = \mathsf{carbon}\text{-}\mathsf{fiber}\text{-}\mathsf{reinforced}\ \mathsf{plastic}\ \mathsf{/}\ \mathsf{GFRP} = \mathsf{glass}\text{-}\mathsf{fiber}\text{-}\mathsf{reinforced}\ \mathsf{plastic}\ \mathsf{/}\ \mathsf{AFRP} = \mathsf{aramid}\text{-}\mathsf{fiber}\text{-}\mathsf{reinforced}\ \mathsf{plastic}\ \mathsf{/}\ \mathsf{AFRP} = \mathsf{aramid}\text{-}\mathsf{fiber}\text{-}\mathsf{reinforced}\ \mathsf{plastic}\ \mathsf{/}\ \mathsf{AFRP} = \mathsf{aramid}\text{-}\mathsf{fiber}\text{-}\mathsf{reinforced}\ \mathsf{plastic}\ \mathsf{/}\ \mathsf{AFRP}$

Technical data				
Pipe cutter TruTool		TC 200 LiHD battery 18V		
Maximum pipe thickness	mm	160		
Maximum pipe diameter	mm	250 - 1200		
Clearance required for operation	mm	320		
Working speed (max.)	m/min	1,5		
Voltage	V	18		
Weight with battery	kg	4,2		
Length x height	mm	425 x 397		

22 Cordless Alliance System Electric- and Cordless tools Electric- and Cordless tools 23

Working with different manufacturers? It's easy with a CAS rechargeable battery.





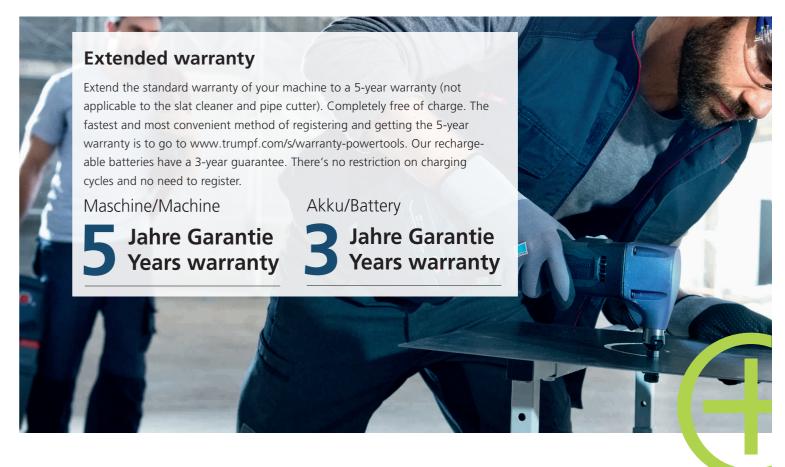
CAS - The multi-manufacturer rechargeable battery system

More than 40 major manufacturers have joined forces to ensure that machines, battery packs and chargers are 100% compatible with each other. CAS rechargeable batteries are being developed in Germany and thanks to leading battery technology, can withstand even the toughest working conditions.



One battery, many advantages

- Buy less batteries
- Protect the environment
- Save money



Legend

You can find the symbols on the machine pages



LiHD Technology

Battery-powered machines with 12V drive.



LiHD Technology

Battery-powered machines with 18V drive.



Brushless moto

Low-wear and tear motor for maximum longevity.



Quick & Easy

Quick and easy tool change.



Several times rotatable

The cutters can be turned twice and ensure a long service life.



Several times rotatable

The cutters can be turned 4 times and ensure a long service life.



Turnable and regrindable several times

Cutting tools up to 2-fold turnable and regrindable. For long service life



Turnable and regrindable several times

Cutting tools up to 4-fold turnable and regrindable. For long service life.



ow-vibration

Minimal vibration values and highest user friendliness.



Rotating punch

Ensures regular wear and long service life.



Pneumatic drive

Compressed air as drive medium



Light-weight

Low machine weight for low-fatigue work.



Integrated lubrication

For a constant cutting quality and long tool service life.



Quick-acting brake

Safe working due to fast tool stop.



Softgrip

Ensures optimum and convenient machine control and minimizes vibration.



Speed governo

Adjustable speed for material-specific working and perfect results.



Smooth startErgonomic work through smooth starting.



Overload protection

Protects the motor from over-heating



restart protection

Prevents unwanted starting after power interruptions.



Optimum protection

Avoidance of hazardous dust.



Safety clutch

Safe working by decoupling the power unit in case of unexpected tool stop.



Follow us: #trumpfpowertool











