







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 deburrers 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 seams.

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 deburrers, e.g. to create weld seams to contours.

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.

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.

Cordless Alliance System Electric- and cordless tools

Cordless Alliance System

Benefit from 100% compatibility with machines, CAS rechargeable battery packs and rechargers from various manufacturers work in this one system. CAS provides the most efficient rechargeable battery system in the industry from Metabo and over 30 years of experience in rechargeable batteries which is now also available for TRUMPF Power Tools. How do you benefit from this? Highest degree of reliability, clear cost advantages and top investment security.



Electric- and cordless tools Cordless Alliance System 5

Cordless Alliance System

24 brands, 240 machines,1 battery

Cordless Alliance System (CAS) is a group of leading electric power tool brands, offering you a large selection of powerful machines. You can easily combine the 18V rechargeable batteries and chargers together. The comprehensive system emphasises sustainability and makes it possible for you to greatly reduce the number of rechargeable batteries in your company.



100% compatible

Everything works together: 18V battery-powered machines, rechargeable batteries and chargers from any brand. Clear cost advantage thanks to multiple use of existing rechargeable batteries. No matter if it is Li-lon or LiHD technology, 2.0 Ah, 4.0 Ah, 5.2 Ah, 5.5 Ah, 8.0 Ah or 10.0 Ah.



Twice the freedom

CAS means you do not have to depend on cables. You can use machines from different manufacturers with one rechargeable battery.



Leading rechargeable battery technology

CAS represents a sophisticated rechargeable battery system that you can rely on for standard and special applications.



One batterie, many solutions. 100% compatible.



6 Process and product groups Electric- and cordless tools Electric- and cordless tools Applications **7**

Processes and product groups



Product groups and applications

PR	DDUCT GROUPS	c	s	N	PN	TPC	F	TF	TKA	TKF	FCN	TSC
									1101			.50
_	Chamfering											
APPLICATION	Slat cleaning	-	-									_
Α	Make notches	-										
2	Process containers and tanks	-	-									
PPI	Trimming	-	1								П	
4	Cutting fiber composite materials	-	-									
	C-L-U profile cutting											
	Make coils cuts	1										
	Cut flat sheet metal	1										
	Secure flanges	-										
	Interior cutouts	1										
	Close ducts	- - - -	-									
	Cut ducts	1	-									
	Deburr edges	1	-						_			
	Prepare edges for painting / galvanizing	-	-									
	Process plastic materials		1								_	
	Cut manholes											
	Sandwich panels	-	-									
	Windows / doors / interior cutouts											
	Cut sandwich panels											
	Close fan housings											
	Cuts over splays, doubled											
	sheet metals and weld seams	.										
	Weld seam preparation											
	Create visible edges											
	Front edge milling											
	Joining parts											
	Cut trapezoidal sheet metal											
	Cut corrugated sheet metal											
	Cut spiral ducts											
	Close angle and standing seams											
	Container and machinery construction						1				I	
FIELD	Roof and building envelope	1										
분	Automotive plants	-										
	Heating / ventilation / air conditioning											
	Aerospace											
	Machine construction											
	Steel and metal construction											
	Sport industrie											
	Tank removal / demolition / disassembly											

8 Product overview Electric- and cordless tools Electric- and cordless tools Product overview **9**

Product overview



Product overview



Electric







Battery









TruTool C 250 LiHD battery 18V with chip clipper

Technical data	echnical data												
Slitting shears TruTool			60 / * h chip clipper		C 250 ** with chip clipper								
	_	Cutter straight 1–1.6 mm	Cutter CR 0.5-1.2 mm	Cutter straight 1.5–2.5 mm	Cutter CR 0.5-1.5 mm	Cutter SC							
Max. sheet thickness													
Steel 400 N/mm²	mm	1,6		2,5									
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 0,6			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	10	10							
Min. start hole diameter	mm	15	15	15	20	18							
Smallest radius (L/R)	mm	90	160	100/130	100	150							
Rated input power	W	3	50		550								
Weight without cable	kg		1,4	2									
Length / height	mm	28	1/74		340/83								

- * More cutters available: Cutter straight up to 1 mm. Curve cutter up to 1 mm
- ** More cutters available: Cutter straight 0.5 –1.5 mm. Curve cutter up to 1.5 mm

Technical data									
Slitting shears TruTool	_		C 160 * / C 160 * with chip clipper LiHD battery 12V		C 200 ** HD battery 18	BV		C 250 ** vith chip clippe HD battery 18	
		Cutter straight	Cutter CR	Set spiro	Set High Speed	Set CR	Cutter straight	Cutter CR	Cutter SC
		1–1.6 mm	0.5-1.2 mm				1.5-2.5 mm	0.5-1.5 mm	
Max. sheet thickness									
Steel 400 N/mm²	mm	1.6			1,5 – 2		2.5		
Steel 600 N/mm²	mm		1.2			1,5		1.5	
Aluminium 250 N/mm²	mm	2			3		3		
Spiral ducts 400 steel N/mm ²	mm		4 x 0.75	4 x 0,9 / 6 x 0,6					4 x 0.9 / 6 x 0.6
Spiral ducts 600 steel N/mm ²	mm			4 x 0,6					4 x 0.6
Working speed up to	m/min	9	9	10	15	10	10	10	10
Min. start hole diameter	mm	15	15	8	20	18	22	20	18
Smallest radius (L / R)	mm	90	160	80/110	80/100	80/100	100/130	100	150
Voltage	V	-	12		18			18	
Weight with battery	kg	1	,6		2,4			2,5	
Length / height	mm	357	7/88		394/119			398/119	

12V =

BL Motor

- * More cutters available: Cutter straight up to 1 mm. Curve cutter up to 1 mm

 ** More cutters available: Cutter straight 0.5–1.5 mm. Curve cutter up to 1.5 mm



- Chip-free cutting
- Clear view of the work surface and cutting line
- Best possible flexibility in curves

Battery

- Fast, precise cutting, even in overhead position
- Minimum force required thanks to optimum cutting geometry



- Cutting without feed force
- Clear view of the work surface
- Hollow round punch for the greatest manoeuvrability
- Rectangular punch for the highest level of profile flexibility











TruTool S 250

TruTool S 160

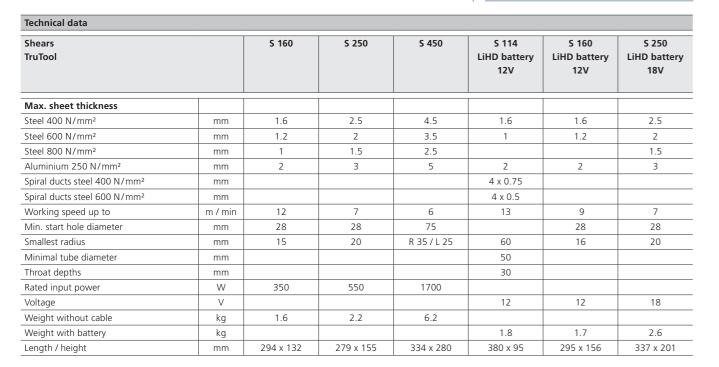


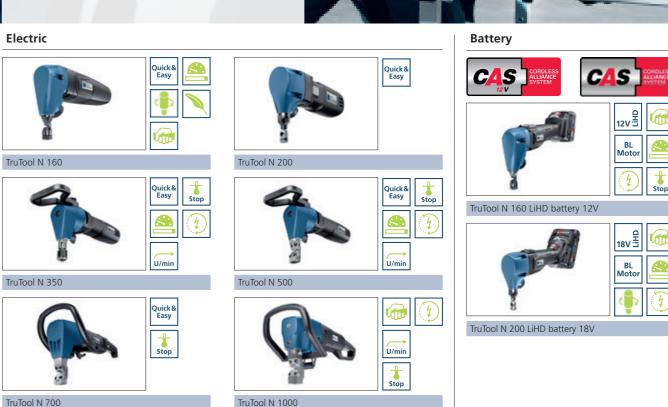
TruTool S 450







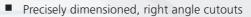




Technical data										
Nibbler		N 160	N 200	N 350	N 500	N 700	N 1	1000	N 160	N 200
TruTool							1 st gear	2 nd gear	LiHD battery 12V	LiHd battery 18V
Max. sheet thickness										
Steel 400 N/mm²	mm	1.6	2	3.5	5	7	10	8	1.6	2
Steel 600 N/mm²	mm	1	1.5	2.3	3.2	5	7	5	1	1.5
Steel 800 N/mm²	mm	0.7	1	1.8	2.5	3.5	5	4	0.7	1
Aluminium 250 N/mm²	mm	2	2.5	3.5	7	10	12	10	2	2.5
Working speed	m/min	2.4	1.7	1.4	1.5	1.3	1	1.6	2.2	1.6
Min. start hole diameter	mm	22	17	30	41	50	75	75	22	17
Smallest radius	mm	24	4	7	90	140	300	300	24	4
Rated input power	W	350	550	1700	1700	1600	2600	2600		
Voltage	V								12	18
Weight without cable	kg	1.5	1.8	3.7	4	8.3	14	4.7		
Weight with battery	kg								1.6	2.2
Length / height	mm	146 x 232	267 x 155	397 x 227	397 x 235	468 x 319	642	x 302	307 x 170	325 x 201



- Distorsion free cutting process
- High curve and profile flexibility
- Change cutting directions at any time
- No oxide formation on the cutting edge
- Tool-free changing of punches and die carriers



- 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 tiring you out



Electric



TruTool N 160 with extension



TruTool PN 200



TruTool PN 201



Technical data											
Profile nibblers TruTool		N 160 with extension	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	1.6	2	2	1.6	2	2				
Steel 600 N/mm²	mm	1	1.5	1.5	1	1.5	1.5				
Steel 800 N/mm²	mm	0.7	1	1	0.7	1	1				
Aluminium 250 N/mm²	mm	2.0	3	3	2	3	3				
Working speed	m/min	2.4	2.1	2.2	1.9	1.9	1.9				
Min. start hole diameter	mm	22	24	24	22	24	24				
Smallest radius	mm	24	50	50	24	50	50				
Rated input power	W	350	550	550							
Voltage	V				12	18	18				
Weight without cable	kg	1.7	1.8	2							
Weight with battery	kg				1.8	2.3	2.4				
Length / height	mm	232 x 259	267 x 147	267 x 317	307 x 280	325 x 194	325 x 363				

Electric



Technical data		
Panel Cutter TruTool		TPC 165
Max. panel thickness	mm	165
Single sheet thickness for steel 400 N / mm ²	mm	0.9
Isolation 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)
- 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, resistant 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



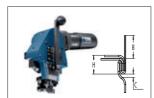
Electric

Seam lockers





TruTool F 300 with 1700 W motor







Technical data F 125 F 140 F 301 Seam lockers F 300 F 300 TruTool with 1700 W motor Max. sheet thickness Steel 400 N/mm² (min.) 0.75 0.75 0.45 mm Steel 400 N/mm² (max.) 1.25 1.4 1.25 1.25 mm Steel 600 N/mm² (max.) mm 0.6 Max. edge thickness mm 40 10-15 Edge length (H) mm Flange height (B): For sheet thickness 0.75-1 9-11 9-11 mm 11–13 For sheet thickness >1-1.25 11-13 mm 8-11 For sheet thickness 0.45-1 mm For sheet thickness 0.6-1 8-10 mm 10-12 For sheet thickness >1-1.4 mm 2.5 Clearance (C) mm 10 10.5 Working speed up to m / min 4 300 150 Smallest inner radius (preformed) mm 150 150 500 300 Smallest outer radius mm 300 300 Rated input power W 550 550 1700 550 2.8 4.2 5.4 6.5 5.2 Weight without cable kg 285 x 356 285 x 391 285 x 406 321 x 257 285 x 358 Length / height

Electric







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		7.8
Length / height	mm	426 x 358	454 x 358



- Fast, emission-free process
- Clean, oxide-free edge surfaces
- Accurate, constant edge quality in one step

Electric- and cordless tools

- Tool-free and quick adjustment of the bevel
- 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

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



TruTool TKF 1500

Electric

18 Bevelling – Deburrers









TruTool TKA 1500

Electric









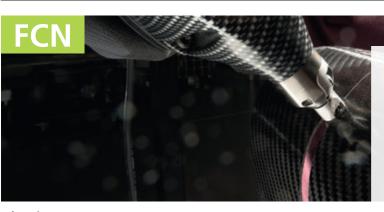
Technical data

	4x	Sto
1		4
200	U/min	
TruTool TKF 1500 with 2 speed		

echnical data													
Deburrer TruTool			TKA 700						TKA 1500				
Bevel angles		30°		4	5°	6	60°		30°		45°		0°
Max. bevel length (Is) Max. bevel height (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	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	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	7,1	10	5
Aluminium 250 N/mm²	mm	10	6,5	10	6,4	10	5	15	13	15	10,6	15	7,5
Min. sheet thickness	mm			1,5	+ hs			3 + hs					
Smallest inner radius	mm			1	8					3	30		
Smallest hole diameter	mm			3	5					5	55		
Working speed	m/min				4					1	,5		
Rated input power	W	1700			2600								
Weight without cable	kg		3,9			10							
Length / height	mm			397	x 149					679	x 197		

Bevellers TruTool		TKF 700		TKF 1100/ TKF 1101		TKF	TKF 1500		TKF 1500 with 2 speed				
Bevel angles		Bevel angles		37	0° ′.5° 5°	37	0° 7.5° 15°	20°- *20°-	-45° -55°	20°- *20°-	-45° -55°	20°-	-45° -55°
								1 st (gear	2 nd	gear		
Max. bevel length (ls)		ls	hs	ls	hs	ls	hs	ls	hs	ls	hs		
Max. bevel height (hs)													
Steel 400 N/mm²	mm	7	5.0	11	7.8	15	10.6	15	10.6	15	10.6		
Steel 600 N/mm²	mm	5.7	4.0	9	6.4	9	6.4	11	7.8	9	6.4		
Steel 800 N/mm²	mm	4	3.0	6	4.2	6	4.2	9	6.4	6	4.2		
Sheet thickness	mm	1-	-20	3-	-25	4-	4-160		160	4-160			
Smallest inner radius	mm		10	4	10	5	55	5	55	5	55		
Working speed	m/min	1	.5		2		2	1.	25		2		
Rated input power	W	17	700	16	500	20	000	20	000	20	000		
Weight without cable	kg	5	.4		10	16	16.5		19.5		9.5		
Length / height	mm	342	x 240	478	x 349	550 x 359		603 x 359					

^{*} Bevel angles with special stripper



- Low dust and no smoke formation during cutting
- Perfect cutting edge, without delamination and fraying
- Precise work, clear view of the cutting line
- Cuts all common fiber composite materials, even aramid

- Repeated cleaning of support slats possible
- Suitable for various materials, including stainless steel
- Simultaneous cleaning on flatbed laser machines with pallet changer
- Can be operated by one person



Electric



Electric



TruTool TSC 100

Technical data		
Fiber composite nibbler		FCN 250
TruTool		
Max. material thickness CFRP / GFRP / AFRP	mm	2.5
Start hole diameter	mm	17
Smallest radius	mm	4.3
Working speed up to	m / min	1.9
Rated input power	W	550
Weight without cable	kg	1.8
Length / height	mm	267 x 155

,	CFRP = carbon-fiber-reinforced	plastic / GFRP = o	glass-fiber-reinforced	plastic / AFRP = a	aramid-fiber-reinf	orced plastic

Technical data		
Slat cleaner TruTool		TSC 100
Max. slag thickness	mm	25
Min. spacing between support slags	mm	33.5
Working speed up to	m/min	8
Rated input power	W	1700
Weight without cable	kg	18
Length / height	mm	2104 x 342

Extended warranty Extend the standard warranty of your machine to a 5-year warranty. Completely free of charge. The fastest and most convenient method of registering and getting the 5-year warranty is to go to www.trumpf.com/s/warranty-powertools. Our rechargeable batteries have a 3-year guarantee. There's no restriction on charging cycles and no need to register.

Maschine/Machine

Jahre Garantie
Years warranty

Akku/Battery



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 motor

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.



Low-vibration

Minimal vibration values and highest user friendliness.



Rotating punch

Ensures regular wear and long service life.



Liaht-weiaht

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.



SoftgripEnsures optimum and convenient machine control and minimizes vibration.

Adjustable speed for material-specific working and perfect results.



.. . .

Ergonomic work through smooth starting.



Overload protection Protects the motor from over-heating.

Restart protectionPrevents 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.



Whether production and manufacturing technology, laser technology or material processing: We develop highly innovative products and services that are industrial quality and proven absolutely reliable. We give it our all to achieve competitive advantages for you: Know-how and experience.



Visit us on YouTube:

www.youtube.com/ TRUMPFtube

Lasers for manufacturing technology

Whether macro, micro or nano: We have the right lasers and the right technology that is innovative and at the same time cost-efficient for every production application. Beyond the technology, we provide you with system solutions, application knowledge and consulting.



Power supplies for high tech processes

From semiconductor manufacturing to solar cell production: With our high and medium frequency generators, power for induction heating and plasma and laser excitation receives a defined form consisting of frequency and power – that is highly reliable and repeatable.



Machine tools for flexible sheet metal- and tube processing

Laser cutting, punching, bending, laser welding: For all processes in flexible sheet metal production, we offer you precisely tailored machines and automation solutions, including consulting, software and services – so you can reliably produce your products in high quality.



Power tools for metal processing

Cutting, fastening, bevelling: Our power tools offer the most innovative technology and the highest quality. Original accessories and a free 5-year warranty provide extra security. Whether on construction sites or in job shopes: High-quality and long-lasting machines are our quality promise.



Industry 4.0

The solutions world TruConnect connects man and machine through information. It covers all steps in the manufacturing process – from quote to the shipment of parts.

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