

Overview catalogue

Electric- and cordless Power Tools



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 seams.

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.

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.

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.

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

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.



Cordless Alliance System

30 brands, 300 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-Ion 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 battery, many solutions. 100% compatible.



Processes and product groups

PROCESSES	CUTTING	FASTENING	BEVELLING	SPECIAL MACHINES
Product groups	C  Slitting shears TruTool C 10-11	F  Seam lockers TruTool F 16	TKA  Edge trimmers TruTool TKA 18	FCN  Fiber composite nibbler TruTool FCN 20
	S  Shears TruTool S 12	TF  Power fastener TruTool TF 17	TKF  Bevellers TruTool TKF 19	TSC  Slat cleaner TruTool TSC 21
	N  Nibblers TruTool N 13			
	PN  Profile nibblers TruTool PN/N 14			
	TPC  Panel cutter TruTool TPC 15			

Product groups and applications

PRODUCT GROUPS	C	S	N	PN	TPC	F	TF	TKA	TKF	FCN	TSC
APPLICATION											
Chamfering								■	■		
Slat cleaning											■
Make notches	■	■	■	■	■					■	
Process containers and tanks			■	■							
Trimming		■	■							■	
Cutting fiber composite materials										■	
C-L-U profile cutting	■		■	■							
Make coils cuts	■	■	■	■							
Cut flat sheet metal	■	■	■								
Secure flanges							■				
Interior cutouts	■	■	■	■	■						
Close ducts						■					
Cut ducts	■		■	■							
Deburr edges								■			
Prepare edges for painting / galvanizing								■			
Process plastic materials	■	■	■	■						■	
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						■					
FIELD											
Container and machinery construction	■	■	■	■	■		■	■	■		
Roof and building envelope	■		■	■	■		■				
Automotive plants	■	■	■	■				■	■	■	
Heating / ventilation / air conditioning	■	■	■	■	■	■	■				
Aerospace			■								
Machine construction	■	■	■	■				■	■	■	■
Steel and metal construction	■	■	■	■				■	■		
Sport industrie										■	
Tank removal / demolition / disassembly			■								

■ = highly suitable ■ = well suited

Product overview

PROCEDURE	PRODUCTS ACCORDING GROUPS				
Cutting	C Slitting shears			S Shears	
	C 			S 	
	TruTool C 160 LiHD battery 12V	TruTool C 160 with chip clipper LiHD battery 12V	TruTool C 200	TruTool S 114 LiHD battery 12V	TruTool S 160 LiHD battery 12V
					
	TruTool C 250 with chip clipper	TruTool C 250 with chip clipper LiHD battery 12V		TruTool S 250	TruTool S 250 LiHD battery 18V
					
				TruTool S 450	
Fastening	F Seam lockers				
	F 				
	TruTool F 125	TruTool F 140	TruTool F 300	TruTool F 300 with 1700 W motor	TruTool F 301
Bevelling	TKA Edge trimmers				
	TKA 				
	TruTool TKA 700	TruTool TKA 1500			

Product overview

PRODUCTS ACCORDING GROUPS					
N Nibblers		PN Profile nibblers		TPC Panel cutter	
N 			PN 		TPC 
TruTool N 160 LiHD battery 12V	TruTool N 200	TruTool N 200 LiHD battery 18V	TruTool N 160 with extension LiHD battery 12V	TruTool PN 200	TruTool TPC 165
					
TruTool N 350	TruTool N 500	TruTool N 700	TruTool PN 200 LiHD battery 18V	TruTool PN 201	
					
TruTool N 1000			TruTool PN 201 LiHD battery 18V		
TF Power fasteners					
TF 					
TruTool TF 350	TruTool TF 350 LiHD battery 18V				
TKF Bevellers					
TKF 					
TruTool TKF 700	TruTool TKF 1500	TruTool TKF 1500 with 2 speed			
FCN 	TSC 				
TruTool FCN 250	TruTool TSC 100				



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



TruTool C 250 with chip clipper LiHD battery 18V

Technical data						
Slitting shears TruTool		C 160 LiHD battery 12V */ C 160 with chip clipper LiHD battery 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/mm ²	mm	1.6			1.5 - 2	
Steel 600 N/mm ²	mm		1.2		1.5	
Aluminium 250 N/mm ²	mm	2		3		
Spiral ducts 400 steel N/mm ²	mm		4 x 0.75	4 x 0.9 / 6 x 0.6		
Spiral ducts 600 steel N/mm ²	mm			4 x 0.6		
Working speed up to	m/min	10	10	10	15	
Min. start hole diameter	mm	15	15	8	20	
Smallest radius (L/R)	mm	90/90	160/160	80/110	80/100	
Tension	V	12		18		
Weight with battery	kg	1.5		2.4		
Length / height	mm	357/88		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	
Max. sheet thickness				
Steel 400 N/mm ²	mm	2.5		
Steel 600 N/mm ²	mm		1.5	
Aluminium 250 N/mm ²	mm	3		
Spiral ducts 400 steel N/mm ²	mm			4 x 0.9 / 6 x 0.6
Spiral ducts 600 steel N/mm ²	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 (electro)	mm	340/82		
Length / height (battery)	mm	398/119		

* More cutters available: Cutter straight up to 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
- Fast, precise cutting, even in overhead position
- Minimum force required thanks to optimum cutting geometry

Electric



TruTool S 250



TruTool S 450

Battery



TruTool S 114 LiHD battery 12V

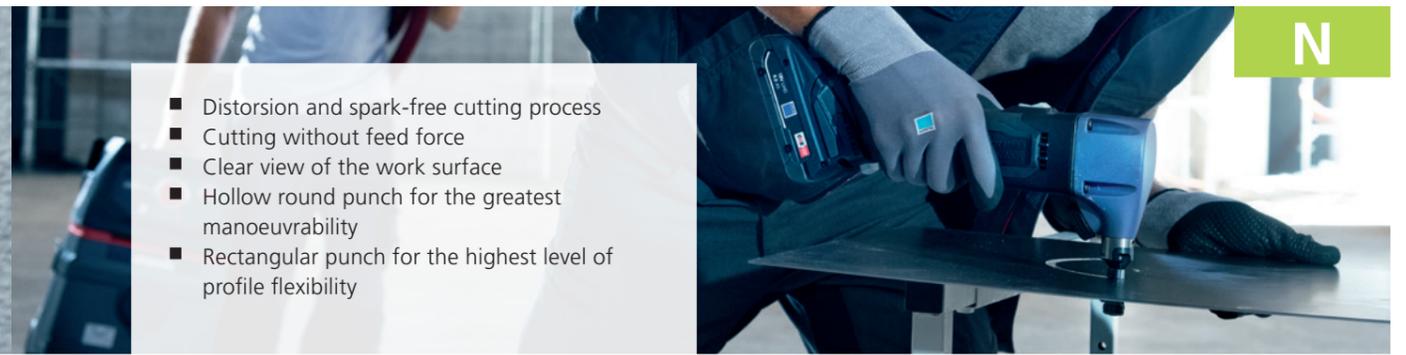


TruTool S 160 LiHD battery 12V



TruTool S 250 LiHD battery 18V

Technical data						
Shears TruTool		S 250	S 450	S 114 LiHD battery 12V	S 160 LiHD battery 12V	S 250 LiHD battery 18V
Max. sheet thickness						
Steel 400 N/mm ²	mm	2.5	4.5	1.6	1.6	2.5
Steel 600 N/mm ²	mm	2	3.5	1	1.2	2
Steel 800 N/mm ²	mm	1.5	2.5	1	1	1.5
Aluminium 250 N/mm ²	mm	3	5	2	2	3
Spiral ducts steel 400 N/mm ²	mm			4 x 0.75		
Spiral ducts steel 600 N/mm ²	mm			4 x 0.5		
Working speed up to	m / min	7	6	13	9	7
Min. start hole diameter	mm	28	75		28	28
Smallest radius	mm	20	R 35 / L 25	60	16	20
Minimal tube diameter	mm			50		
Throat depths	mm			30		
Rated input power	W	550	1700			
Voltage	V			12	12	18
Weight without cable	kg	2.2	6.2			
Weight with battery	kg			1.8	1.7	2.6
Length / height	mm	279 x 155	334 x 280	380 x 95	295 x 156	337 x 201



- Distorsion and spark-free cutting process
- 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

Electric



TruTool N 200



TruTool N 500



TruTool N 1000



TruTool N 350



TruTool N 700

Battery



TruTool N 160 LiHD battery 12V

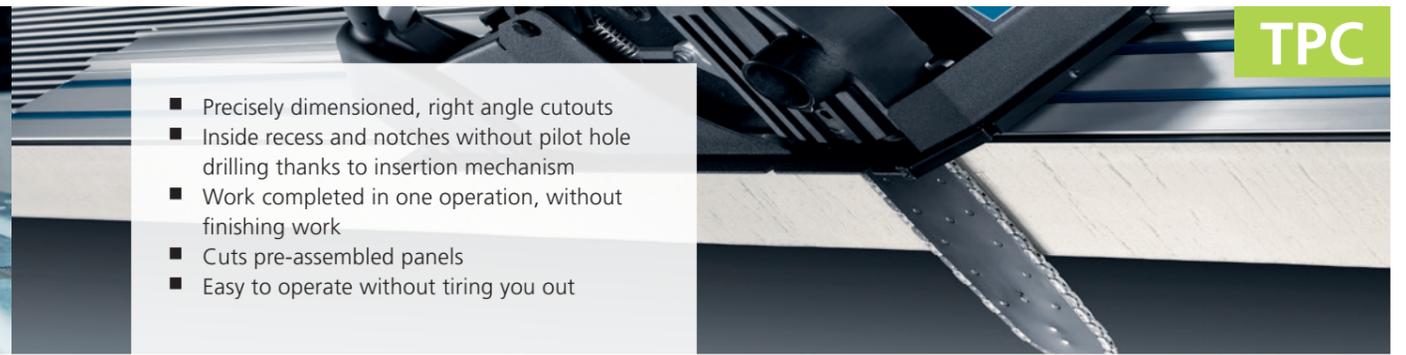


TruTool N 200 LiHD battery 18V

Technical data									
Nibbler TruTool		N 200	N 350	N 500	N 700	N 1000		N 160 LiHD battery 12V	N 200 LiHD battery 18V
						1 st gear	2 nd gear		
Max. sheet thickness									
Steel 400 N/mm ²	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/mm ²	mm	1	1.8	2.5	3.5	5	4	0.7	1
Aluminium 250 N/mm ²	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	7.7	14.7			
Weight with battery	kg							1.6	2.2
Length / height	mm	267 x 155	397 x 227	397 x 235	426 x 302	645 x 301		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



- 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 tiring you out

Electric



Quick & Easy

TruTool PN 200



Quick & Easy

TruTool PN 201

Battery



- 12V LiHD
- BL Motor
- Quick & Easy

TruTool N 160 with extension LiHD battery 12V



- 18V LiHD
- BL Motor
- Quick & Easy

TruTool PN 200 LiHD battery 18V



- 18V LiHD
- BL Motor
- Quick & Easy

TruTool PN 201 LiHD battery 18V

Electric



- Stop

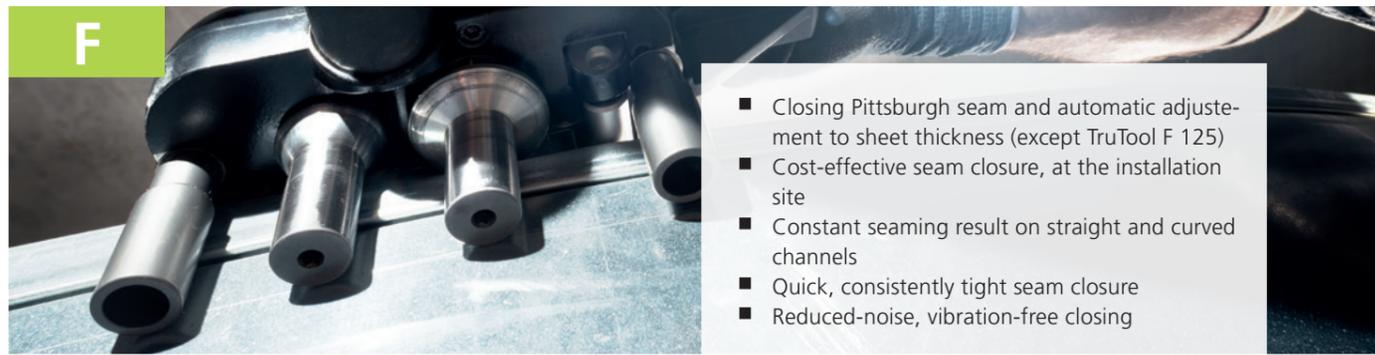
TruTool TPC 165

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/mm ²	mm	2	2	1.6	2	2
Steel 600 N/mm ²	mm	1.5	1.5	1	1.5	1.5
Steel 800 N/mm ²	mm	1	1	0.7	1	1
Aluminium 250 N/mm ²	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

Technical data

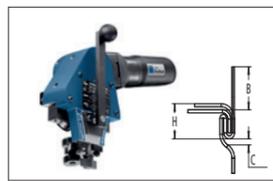
Panel cutter TruTool	TPC 165	
Max. panel thickness	mm	165
Single sheet thickness for steel 400 N / mm ²	mm	0.9
Isolation material		Polyurethane, polyisocyanurate foam (PUR / PIR)
Smallest possible opening created by piercing	mm	340 x 340
Working speed	m/min	4
Rated input power	W	1700
Cutting width	mm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



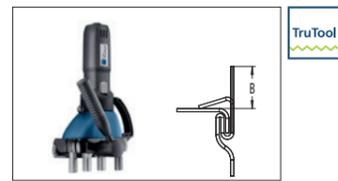
Electric



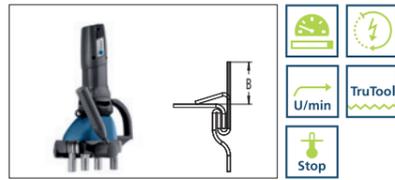
TruTool F 125



TruTool F 140



TruTool F 300



TruTool F 300 with 1700 W motor



TruTool F 301

Technical data						
Seam lockers TruTool		F 125	F 140	F 300	F 300 with 1700 W motor	F 301
Max. sheet thickness						
Steel 400 N/mm ² (min.)	mm			0.75	0.75	0.45
Steel 400 N/mm ² (max.)	mm	1.25	1.4	1.25	1.25	1
Steel 600 N/mm ² (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 356



Electric



TruTool TF 350

Battery



TruTool TF 350 LiHD battery 18V

Technical data			
Power fasteners TruTool		TF 350	TF 350 LiHD battery 18V
Max. sheet thickness			
Steel 400 N/mm ²	mm	3.5	3.5
Steel 600 N/mm ²	mm	2.5	2.5
Aluminium 250 N/mm ²	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
Length / height	mm	426 x 358	454 x 358

TKA



- 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.

Electric











TruTool TKA 700





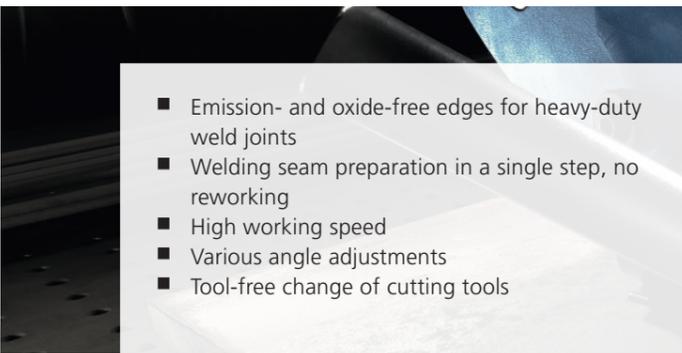






TruTool TKA 1500

TKF



- 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











TruTool TKF 700











TruTool TKF 1500









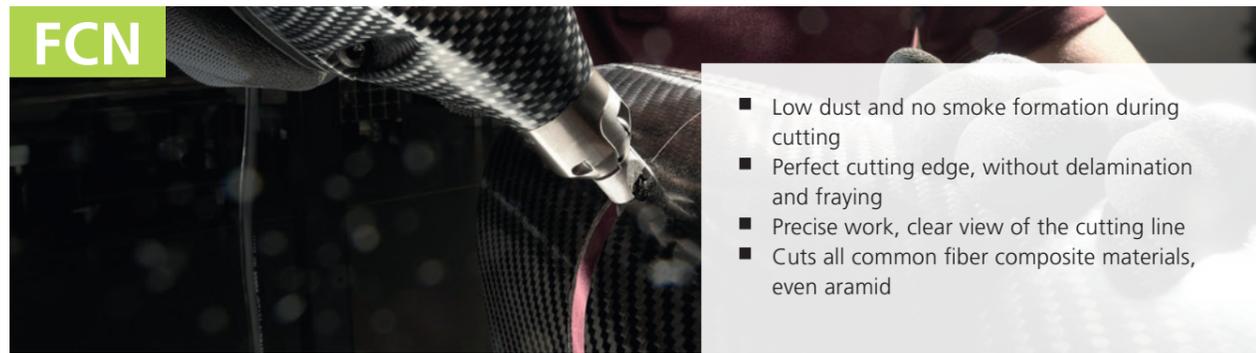


TruTool TKF 1500 with 2 speed

Technical data																
Edge trimmers TruTool	TKA 700						TKA 1500									
Bevel angles	30°		45°		60°		30°		45°		60°					
Max. bevel length (ls)	ls		hs		ls		hs		ls		hs		ls		hs	
Steel 400 N/mm ²	mm	7.0	6.1	7.0	4.9	7.0	3.5	15	13	15	10.6	15	7.5			
Steel 600 N/mm ²	mm	3.7	3.1	3.7	2.5	3.7	1.8	12	10.4	12	8.5	12	6			
Steel 800 N/mm ²	mm	2.3	1.8	2.3	1.6	2.3	1.1	10	8.7	10	7.1	10	5			
Aluminium 250 N/mm ²	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	18						30								
Smallest hole diameter	mm	35						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								

Technical data									
Bevellers TruTool	TKF 700		TKF 1500		TKF 1500 with 2 speed				
Bevel angles	30° 37.5° 45°		20°-45° *20°-55°		20°-45° *20°-55°		20°-45° *20°-55°		
					1 st gear		2 nd gear		
Max. bevel length (ls)	ls		hs		ls		hs		
Steel 400 N/mm ²	mm	7	5.0	15	10.6	15	10.6	15	10.6
Steel 600 N/mm ²	mm	5.7	4.0	9	6.4	11	7.8	9	6.4
Steel 800 N/mm ²	mm	4	3.0	6	4.2	9	6.4	6	4.2
Sheet thickness	mm	1-20		4-160		4-160		4-160	
Smallest inner radius	mm	40		55		55		55	
Working speed	m/min	1.5		2		1.25		2	
Rated input power	W	1700		2600		2600		2600	
Weight without cable	kg	5.3		16.5		19.5		19.5	
Length / height	mm	342 x 240		554 x 360		607 x 361			

* Bevel angles with special stripper



Electric



Electric



Technical data		
Fiber composite nibbler TruTool		FCN 250
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	1.7
Rated input power	W	550
Weight without cable	kg	1.8
Length / height	mm	267 x 155

* CFRP = carbon-fiber-reinforced plastic / GFRP = glass-fiber-reinforced plastic / AFRP = aramid-fiber-reinforced plastic

Technical data		
Slat cleaner TruTool		TSC 100
Support slat thickness	mm	2–3.9
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

5 Jahre Garantie
Years warranty

Akku/Battery

3 Jahre Garantie
Years warranty

Our drive: Passion

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



Legend

You can find the symbols on the machine pages

- | | |
|--|--|
| LiHD Technology
Battery-powered machines with 12V drive. | Light-weight
Low machine weight for low-fatigue work. |
| LiHD Technology
Battery-powered machines with 18V drive. | Integrated lubrication
For a constant cutting quality and long tool service life. |
| Brushless motor
Low-wear and tear motor for maximum longevity. | Quick-acting brake
Safe working due to fast tool stop. |
| Quick & Easy
Quick and easy tool change. | Softgrip
Ensures optimum and convenient machine control and minimizes vibration. |
| Several times rotatable
The cutters can be turned twice and ensure a long service life. | Speed governor
Adjustable speed for material-specific working and perfect results. |
| Several times rotatable
The cutters can be turned 4 times and ensure a long service life. | Smooth start
Ergonomic work through smooth starting. |
| Turnable and regrindable several times
Cutting tools up to 2-fold turnable and regrindable. For long service life. | Overload protection
Protects the motor from over-heating. |
| Turnable and regrindable several times
Cutting tools up to 4-fold turnable and regrindable. For long service life. | Restart protection
Prevents unwanted starting after power interruptions. |
| Low-vibration
Minimal vibration values and highest user friendliness. | Optimum protection
Avoidance of hazardous dust. |
| Rotating punch
Ensures regular wear and long service life. | Safety clutch
Safe working by decoupling the power unit in case of unexpected tool stop. |



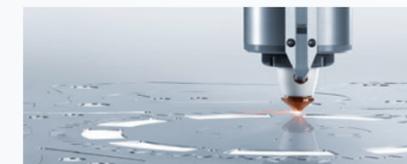
Lasers for manufacturing technology

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 shops: High-quality and long-lasting machines are our quality promise.

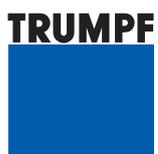


Industry 4.0

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.

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

Great Britain:
TRUMPF Ltd.
Unit a President Way · GB-Luton LU2 9NL
Phone +44 1582 725 335
E-Mail tooling@uk.trumpf.com · Homepage www.trumpf.com



Worldwide:
TRUMPF Schweiz AG
TRUMPF Straße 8 · CH-7214 Grösch · Phone +41 58 257 61 61 · Fax +41 58 257 64 02
E-Mail powertools.info@trumpf.com · Homepage www.trumpf.com