

TRUMPF



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.

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	PS  Part separator TruTool PS 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			TC  Pipe cutter TruTool TC 22
	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	TSC	PS	TC
APPLICATION												
Bevelling								■	■			
Laser slat cleaning										■		
Cutting notches	■	■	■	■	■							
Cutting containers and tanks			■	■								
Trimming		■	■									
Cutting C-L-U profile	■		■	■								
Cutting steel coils	■	■	■	■								
Cutting flat sheet metal	■	■	■									
Secure flanges							■					
Interior cutouts	■	■	■	■	■							
Close ducts						■						
Cutting ducts	■		■	■								
Deburr edges								■				
Prepare edges for painting / galvanizing								■				
Removing small parts from the scrap skeleton											■	
Cutting plastic materials	■	■	■	■								
Cutting plastic pipes												■
Cutting manholes	■	■	■	■								
Cutting sandwich panels: Windows / doors / interior cutouts					■							
Cutting sandwich panels	■				■							
Close fan housings	■					■						
Cutting doubled sheets, bends and weld seams	■		■	■								
Weld seam preparation								■	■			
Create radius & chamfered edges								■	■			
Front edge milling								■	■			
Joining parts							■					
Cutting trapezoidal sheet metal	■		■	■	■							
Cutting corrugated sheet metal	■		■	■								
Cutting spiral ducts	■											
Close angle and standing seams						■						
FIELD												
Container and machinery construction	■	■	■	■	■			■	■			
Roof and building envelope	■		■	■	■		■					
Automotive plants	■	■	■	■			■	■	■			
Heating / ventilation / air conditioning	■	■	■	■	■	■	■					
Plastic pipeline construction												■
Machine construction	■	■	■	■				■	■	■		
Steel and metal construction	■	■	■	■				■	■	■	■	
Tank removal / demolition / disassembly			■									

■ = highly suitable

■ = well suited

Product overview

PROCESS	PRODUCT GROUPS				
Cutting	C Slitting shears			S Shears	
	C  TruTool C 160 LiHD battery 12V	 TruTool C 160 with chip clipper LiHD battery 12V	 TruTool C 200 LiHD battery 18V	S  TruTool S 114 LiHD battery 12V	 TruTool S 160 LiHD battery 12V
	 TruTool C 250 with chip clipper LiHD battery 18V			 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 (without tool)	 TruTool TKA 1500 (without tool)			
Special machines	TSC Slat cleaner		PS Part separator	TC Tube Cutter	
	TSC  TruTool TSC 100	 TruTool TSC 200	PS  TruTool PS 100	TC  TruTool TC 200 LiHD battery 18V	

Product overview

PRODUCTS GROUPS					
N Nibblers			PN Profile nibblers		TPC Panel cutter
N  TruTool N 160 LiHD battery 12V	 TruTool N 200 LiHD battery 18V	 TruTool N 350	PN  TruTool PN 200 LiHD battery 18V	 TruTool PN 201 LiHD battery 18V	TPC  TruTool TPC 165
 TruTool N 500	 TruTool N 700	 TruTool N 1000			
TF Power fasteners					
TF  TruTool TF 350 (without tool)	 TruTool TF 350 (without tool) LiHD battery 18V				
TKF Bevellers					
TKF  TruTool TKF 700	 TruTool TKF 1500	 TruTool TKF 1500 with 2 speed			

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

Enter into a world where comfort, power and efficiency meet.

Get your cordless machine as a **SOLO-VERSION** (without a battery and charger) packaged in a high-grade plastic case.

Choose the starter set that matches your machine

12-Volt Starter Set



12V 2x 12V LiHD 4.0 AH battery
1x LG 12 - 36V charger

18-Volt Starter Set



18V 2x 18V LiHD 4.0 AH battery
1x LG 12 - 36V charger

The batteries and charger can then be conveniently stored in the machine plastic case

Alternative

Or buy the battery and charger individually

12-Volt battery

1x battery 12V LiHD 4.0 Ah



18-Volt battery

1x battery 18V LiHD 4.0 Ah



Charger LG 12 - 36V

1x charger LG 12 - 36V



The batteries and charger can then be conveniently stored in the machine plastic case



Cordless solo machine



TruTool C 160 LiHD battery 12V



TruTool C 160 with chip clipper LiHD battery 12V



TruTool C 200 LiHD battery 18V

Cordless solo machine



TruTool C 250 with chip clipper LiHD battery 18V

12V 18V

Choose the starter set that matches your solo cordless machine (see page 9)

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	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 x height	mm	357 x 88		394 x 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 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
Voltage	V	18		
Weight with battery	kg	2.5		
Length x height (battery)	mm	398 x 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 machine



TruTool S 450

Cordless solo machine



TruTool S 114 LiHD battery 12V



TruTool S 160 LiHD battery 12V



TruTool S 250 LiHD battery 18V

12V 18V
Choose the starter set that matches your solo cordless machine (see page 9)

Technical data					
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/mm ²	mm	4.5	1.6	1.6	2.5
Steel 600 N/mm ²	mm	3.5	1	1.2	2
Steel 800 N/mm ²	mm	2.5		1	1.5
Aluminium 250 N/mm ²	mm	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	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 x height	mm	334 x 280	380 x 95	295 x 156	325 x 188



- 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 machine



TruTool N 350



TruTool N 700



TruTool N 500



TruTool N 1000

Cordless solo machine



TruTool N 160 LiHD battery 12V



TruTool N 200 LiHD battery 18V

12V 18V
Choose the starter set that matches your solo cordless machine (see page 9)

Technical data								
Nibbler TruTool		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	3.5	5	7	10	8	1.6	2
Steel 600 N/mm ²	mm	2.3	3.2	5	7	5	1	1.5
Steel 800 N/mm ²	mm	1.8	2.5	3.5	5	4	0.7	1
Aluminium 250 N/mm ²	mm	3.5	7	10	12	10	2	2.5
Working speed	m/min	1.4	1.5	1.3	1.1	1.7	2.2	1.6
Min. start hole diameter	mm	30	41	50	75	75	22	17
Smallest radius	mm	7	90	140	300	300	24	4
Rated input power	W	1700	1700	1700	2600	2600		
Voltage	V						12	18
Weight without cable	kg	3.7	4	8.3	14.7			
Weight with battery	kg						1.6	2.2
Length x height	mm	397 x 227	397 x 235	468 x 319	645 x 301		307 x 170	325 x 201



PN

- 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

Cordless solo machine



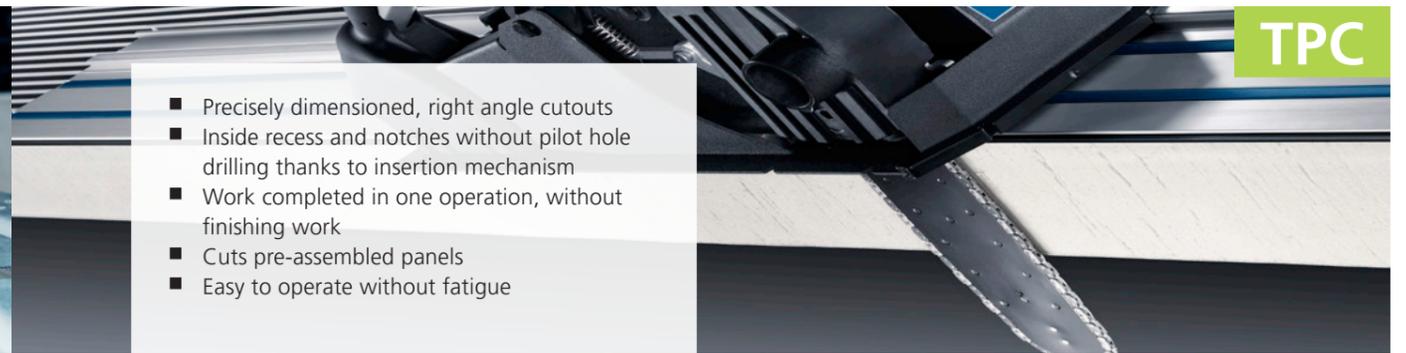
TruToo PN 200 LiHD battery 18V



TruToo PN 201 LiHD battery 18V

18V
Choose the starter set that matches your solo cordless machine (see page 9)

Technical data			
Profile nibblers TruTool		PN 200 LiHD battery 18V	PN 201 LiHD battery 18V
Max. sheet thickness			
Steel 400 N/mm ²	mm	2	2
Steel 600 N/mm ²	mm	1.5	1.5
Steel 800 N/mm ²	mm	1	1
Aluminium 250 N/mm ²	mm	3	3
Working speed	m/min	1.9	1.9
Min. start hole diameter	mm	24	24
Smallest radius	mm	50	50
Voltage	V	18	18
Weight with battery	kg	2.2	2.4
Length x height	mm	325 x 194	325 x 363



TPC

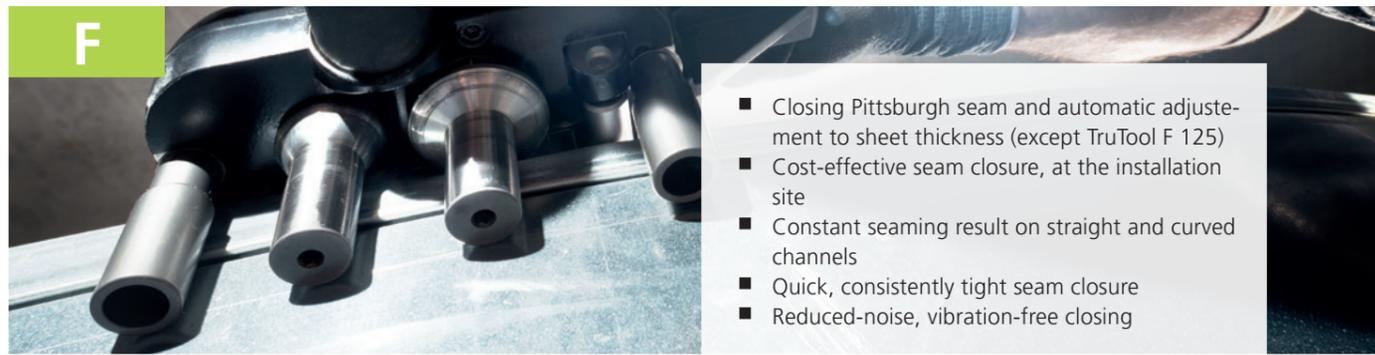
- Precisely dimensioned, right angle cutouts
- Inside recess and notches without pilot hole drilling thanks to insertion mechanism
- Work completed in one operation, without finishing work
- Cuts pre-assembled panels
- Easy to operate without fatigue

Electric machine



TruTool TPC 165

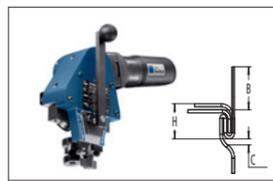
Technical data			
Panel cutter TruTool		TPC 165	
Max. panel thickness	mm	165	
Single sheet thickness for steel 400 N / mm ²	mm	0.9	
Insulation material		Polyurethane, polyisocyanurate foam (PUR / PIR)	
Smallest possible opening created by piercing	mm	340 x 340	
Working speed	m/min	4	
Rated input power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



Electric machine



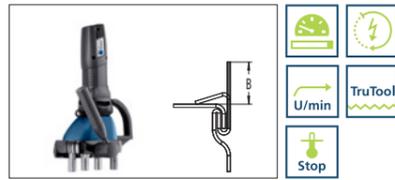
TruTool F 125



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 x height	mm	279 x 149	321 x 257	285 x 406	285 x 391	285 x 356



Electric machine



TruTool TF 350 (without tool)

Cordless solo machine



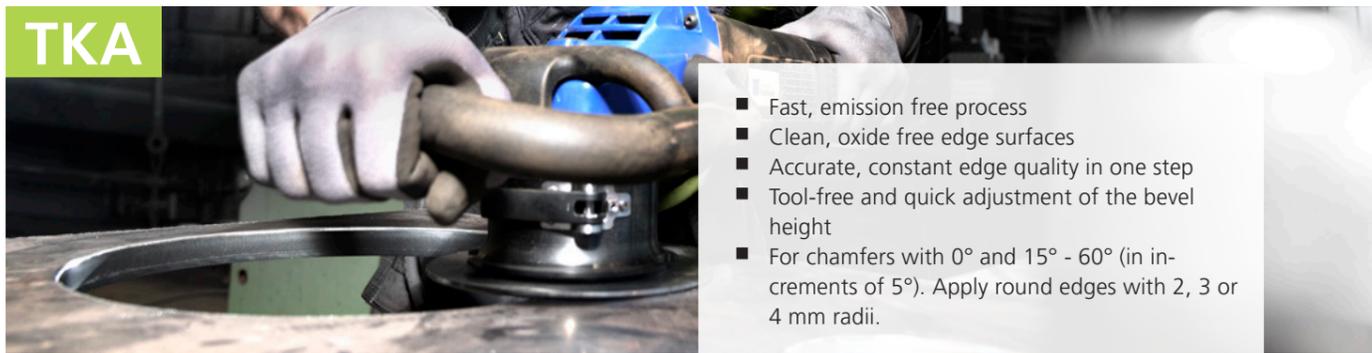
TruTool TF 350 (without tool) LiHD battery 18V

18V
Choose the starter set that matches your solo cordless machine (see page 9)

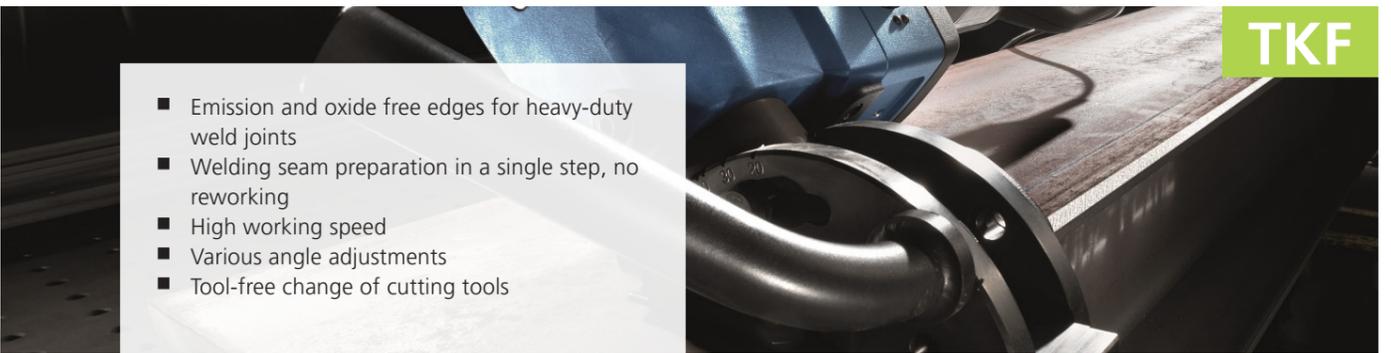
Select the best combination for you
What sheet thickness are you processing? Choose the right tool for the job. Consult your supplier for suitable tooling.



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 x height	mm	426 x 358	454 x 358



Electric machine



Electric machine



Select the best combination for you
 Choose the right multi-edge cutter mount and multi-edge cutters for your machine. Consult your dealer for advice.



Technical data															
Edge trimmers TruTool	TKA 700						TKA 1500								
Bevel angles	30°		45°		60°		30°		37.5°		45°		60°		
Max. bevel length (ls)	ls	hs	ls	hs	ls	hs	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	12.1	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	9.7	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	8.1	10	7.1	10	5
Aluminium 250 N/mm ²	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	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 x 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	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		4-40 **		4-40 **		4-40 **	
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 x height	mm	342 x 240		554 x 360		607 x 361			

* Bevel angles with special stripper
 ** > 40 up to 160 mm with adjustments set



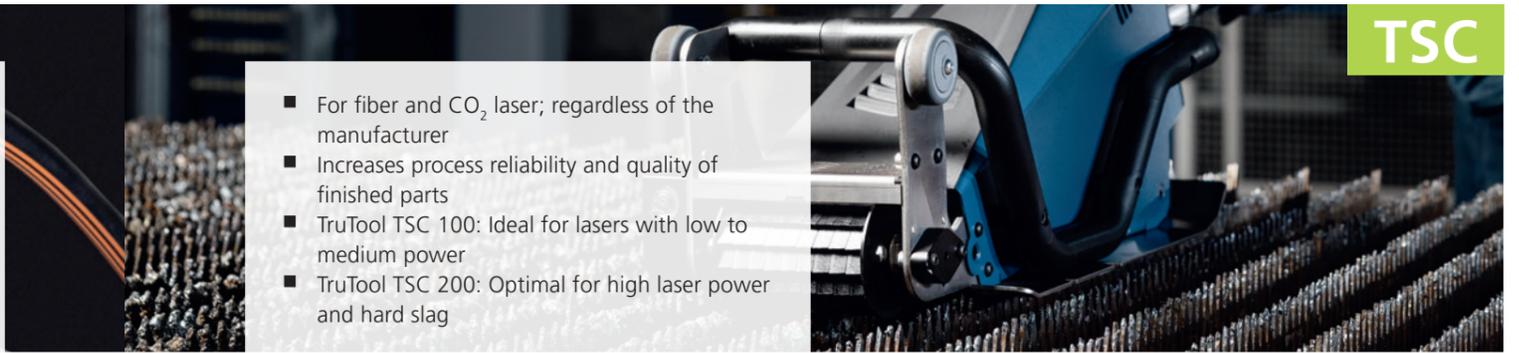
- Removal of laser-cut small parts from the scrap skeleton
- Separates nanojoint and microjoint connections up to 12 mm
- Ergonomic and user-friendly: the machine can be guided at the machine head and the handle

Pneumatic machine



TruTool PS 100

Technical data		
Part separator TruTool		PS 100
Connecting thread	"	¼
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 x height	mm	223 x 88



- For fiber and CO₂ laser; regardless of the manufacturer
- 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

Electric machine



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 x height	mm	2104 x 342	2002 x 430

* Choice of cleaning tools depending on slat thickness ** For > 15 mm slag: work with the optional feed drive



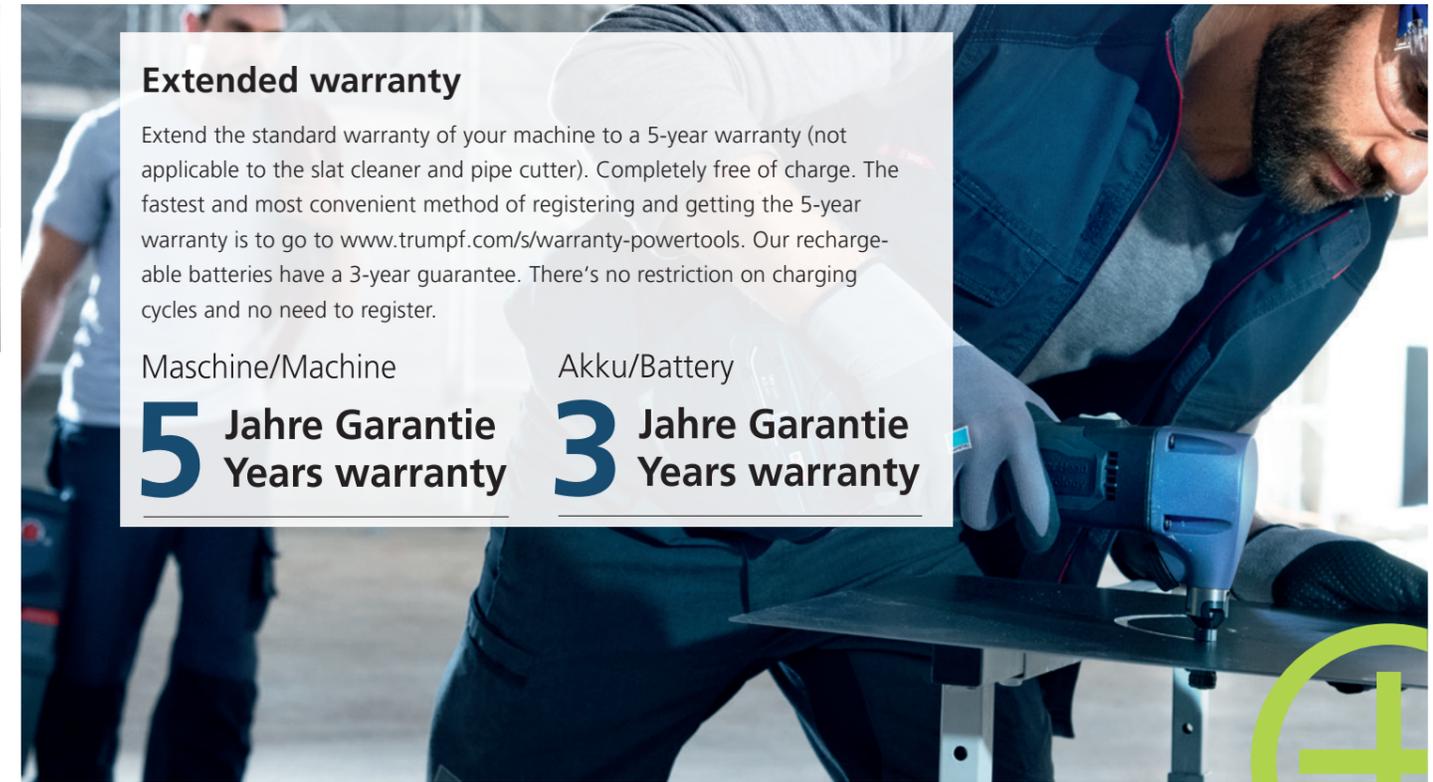
- Portable, mobile and universally applicable cordless plastic pipe cutter
- Ideal for cutting PE and PP plastic pipes into sections, with or without insulation, PE80, PE100, PE100 RC
- Open view of the cutting line
- Easy machine handling via guide carriage

Cordless machine



18V LiHD	TruTool	Stop	U/min
BL Motor			
Quick & Easy			

TruTool TC 200 LiHD battery 18V



Extended warranty

Extend the standard warranty of your machine to a 5-year warranty (not applicable to the slat cleaner and pipe cutter). 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

Akku/Battery

5 Jahre Garantie
Years warranty

3 Jahre Garantie
Years warranty

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

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.

- 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 governor**
Adjustable speed for material-specific working and perfect results.
- Smooth start**
Ergonomic 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.

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