

**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	<div>C</div> <div></div> <div>Slitting shears</div> <div>TruTool C 10-11</div>	<div>F</div> <div></div> <div>Seam lockers</div> <div>TruTool F 16</div>	<div>TKA</div> <div></div> <div>Edge trimmers</div> <div>TruTool TKA 18</div>	<div>PS</div> <div></div> <div>Part separator</div> <div>TruTool PS 20</div>
	<div>S</div> <div></div> <div>Shears</div> <div>TruTool S 12</div>	<div>TF</div> <div></div> <div>Power fastener</div> <div>TruTool TF 17</div>	<div>TKF</div> <div></div> <div>Bevellers</div> <div>TruTool TKF 19</div>	<div>TSC</div> <div></div> <div>Slat cleaner</div> <div>TruTool TSC 21</div>
	<div>N</div> <div></div> <div>Nibblers</div> <div>TruTool N 13</div>			<div>FCN</div> <div></div> <div>Fiber composite nibbler</div> <div>TruTool FCN 22</div>
	<div>PN</div> <div></div> <div>Profile nibblers</div> <div>TruTool PN/N 14</div>			
	<div>TPC</div> <div></div> <div>Panel cutter</div> <div>TruTool TPC 15</div>			

# Product groups and applications

PRODUCT GROUPS	C	S	N	PN	TPC	F	TF	TKA	TKF	FCN	TSC	PS
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							■				
	Removing small parts from the scrap skeleton											■
	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 industry									■		
	Tank removal / demolition / disassembly			■								

# Product overview

PROCEDURE	PRODUCTS ACCORDING GROUPS				
Cettingen	C Slitting shears			S Shears	
	<div>C</div> 			<div>S</div> 	
	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 LiHD battery 18V	TruTool S 450
Verstärken	F Seam lockers				
	<div>F</div> 				
	TruTool F 125	TruTool F 140	TruTool F 300	TruTool F 300 with 1700 W motor	TruTool F 301
Reinigen	TKA Edge trimmers				
	<div>TKA</div> 				
	TruTool TKA 700	TruTool TKA 1500			

# Product overview

PRODUCTS ACCORDING GROUPS					
N Nibblers			PN Profile nibblers		TPC Panel cutter
<div>N</div> 			<div>PN</div> 		<div>TPC</div> 
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					
<div>TF</div> 					
TruTool TF 350	TruTool TF 350 LiHD battery 18V				
TKF Bevellers					
<div>TKF</div> 					
TruTool TKF 700	TruTool TKF 1500	TruTool TKF 1500 with 2 speed			
PS Part separator	TSC Slat cleaner	FCN Fiber composite nibbler			
<div>PS</div> 	<div>TSC</div> 	<div>FCN</div> 			
TruTool PS 100	TruTool TSC 100	TruTool FCN 250			





Akku



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 battey 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/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	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/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		

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

S



- 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

N



- 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 S 450

Battery



TruTool S 114 LiHD battery 12V



TruTool S 160 LiHD battery 12V



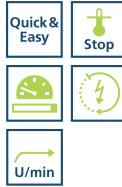
TruTool S 250 LiHD battery 18V

Technical data					
Shears TruTool		S 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

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 <sup>st</sup> gear	2 <sup>nd</sup> gear		
Max. sheet thickness									
Steel 400 N/mm²	mm	2	3.5	5	7	10	8	1.6	2
Steel 600 N/mm²	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	14.7			
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



PN



- 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

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



Quick & Easy

TruTool PN 200



Quick & Easy

TruTool PN 201

Battery



TruTool N 160 with extension LiHD battery 12V



TruTool PN 200 LiHD battery 18V



TruTool PN 201 LiHD battery 18V

Electric



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/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

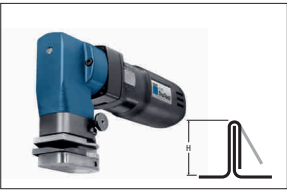
Technical data		
Panel cutter TruTool		TPC 165
Max. panel thickness	mm	165
Single sheet thickness for steel 400 N / mm²	mm	0.9
Insulation material		Polyurethane, polyisocyanurate foam (PUR / PIR)
Smallest possible opening created by piercing	mm	340 x 340
Working speed	m/min	4
Rated input power	W	1700
Cutting width	mm	4
Weight without cable	kg	9.6
Length / height	mm	493 x 231
Length / height with blade	mm	493 x 437

F

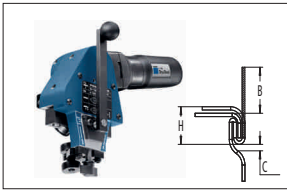


- Closing Pittsburgh seam and automatic adjustment to sheet thickness (except TruTool F 125)
- Cost-effective seam closure, at the installation site
- Constant seaming result on straight and curved channels
- Quick, consistently tight seam closure
- Reduced-noise, vibration-free closing

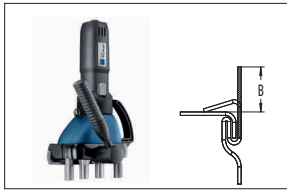
Electric



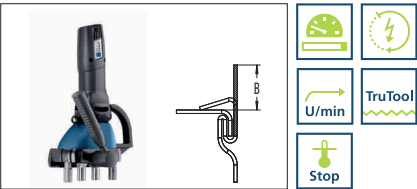
TruTool F 125



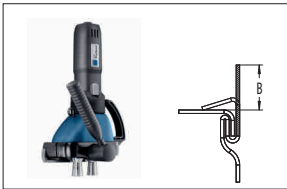
TruTool F 140



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 <sup>2</sup> (min.)	mm			0.75	0.75	0.45
Steel 400 N/mm <sup>2</sup> (max.)	mm	1.25	1.4	1.25	1.25	1
Steel 600 N/mm <sup>2</sup> (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

TF



- 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



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 <sup>2</sup>	mm	3.5	3.5
Steel 600 N/mm <sup>2</sup>	mm	2.5	2.5
Aluminium 250 N/mm <sup>2</sup>	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

U/min

Stop

TruTool TKA 700



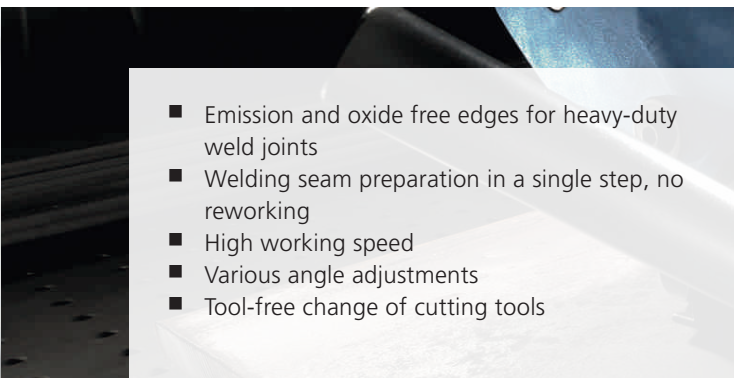
TruTool

U/min

Stop

TruTool TKA 1500

Technical data															
Edge trimmers TruTool		TKA 700						TKA 1500							
Bevel angles		30°		45°		60°		30°	37.5°	45°	60°				
Max. bevel length (ls)				ls		ls		ls	hs	ls	hs	ls	hs	ls	hs
Max. bevel height (hs)				hs		hs		hs	hs	hs	hs	hs	hs	hs	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	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							



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



Quick & Easy

Stop

U/min

TruTool TKF 700



4x

Stop

U/min

TruTool TKF 1500



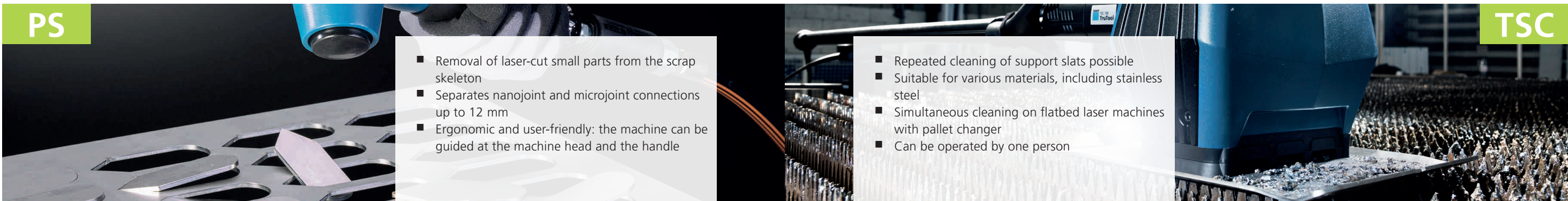
4x

Stop

U/min

TruTool TKF 1500 with 2 speed

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 <sup>st</sup> gear		2 <sup>nd</sup> gear	
Max. bevel length (ls)		ls	hs	ls	hs	ls	hs	ls	hs
Max. bevel height (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		4–160		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									



Pneumatic



TruTool PS 100



- 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

Electric



TruTool TSC 100

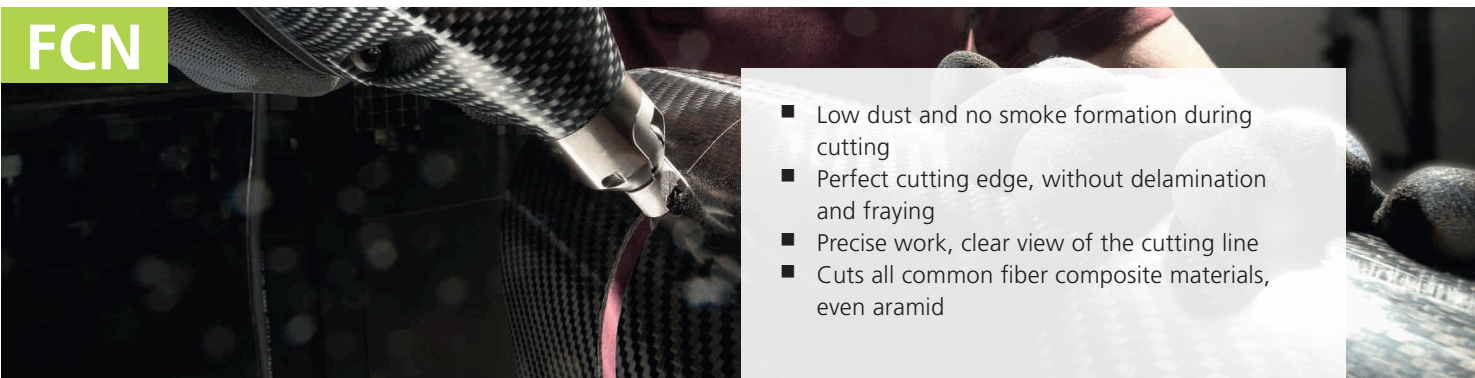


- Repeated cleaning of support slats possible
- Suitable for various materials, including stainless steel
- Simultaneous cleaning on flatbed laser machines with pallet changer
- Can be operated by one person

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 / height	mm	223 x 88

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





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



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.

**Latvia:**

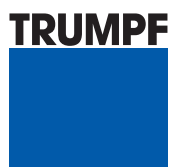
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