

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.



Roof & facade Cordless Alliance System 5

Cordless Alliance System

26 brands, 280 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 battery, many solutions. 100% compatible.



Strong: the battery technology



Highly productive

- Reliable charging thanks to innovative technology
- Process-controlled charge and discharge management
- Extremely long application with minimum temperature development. Protects the cells.

Durable

- Long runtime thanks to high-quality materials, intelligent battery management and Power-Head-
- Permanent Electronic Single Cell Protection (ESCP)
- Optimum protection from interior contamination due to complete encapsulation and protective paint

Other advantages

- Rubber buffer protects the cells
- Long storage life, almost no self-discharge

Ergonomic

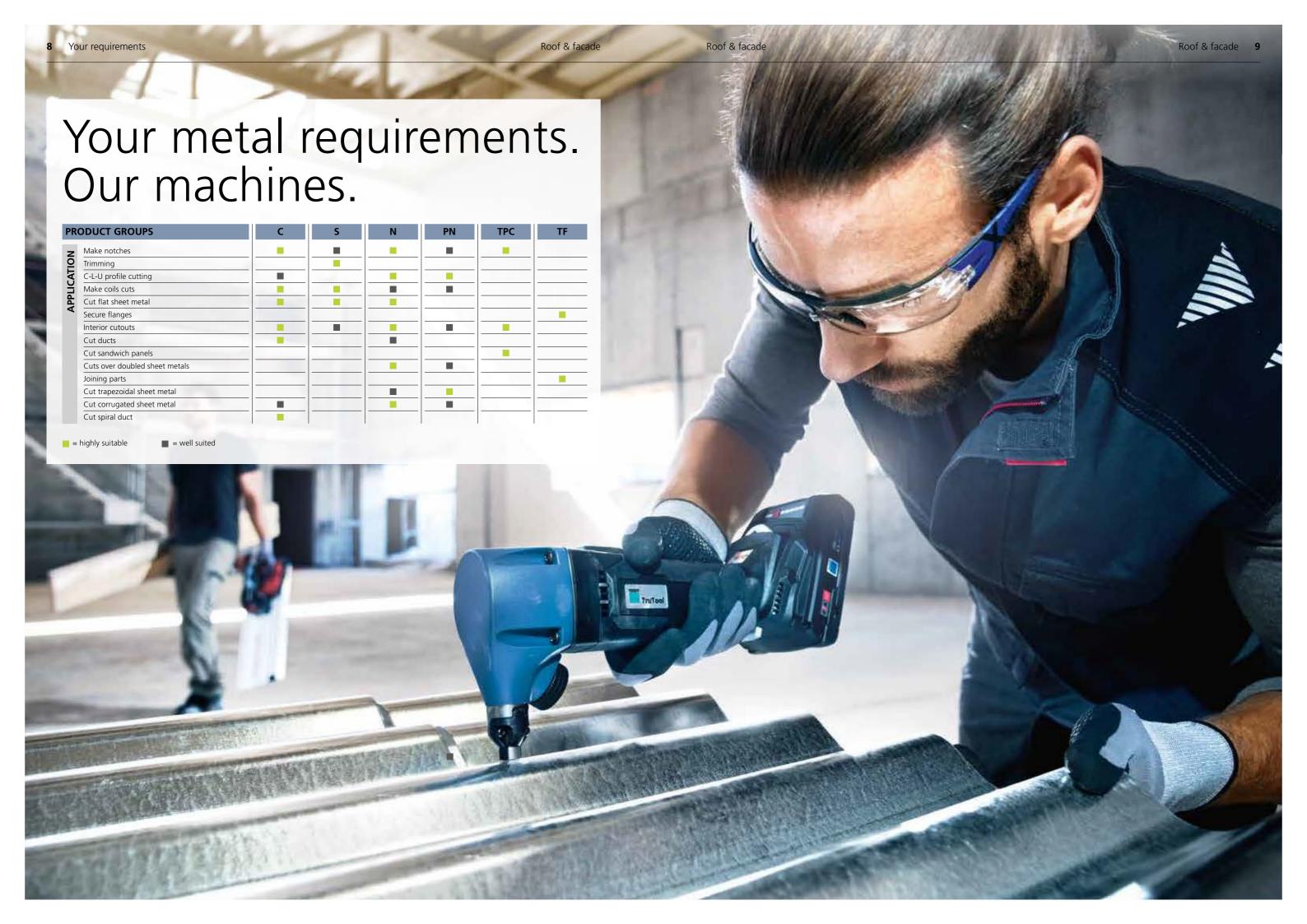
as shock protection.

■ Conductor rails capable of high current, enlarged contacts and high conductivity thanks to a special copper alloy of the cell connectors

■ The outer rubber lining around the battery pack ensures it fits safely and does not slip, also serving

- Capacity display: battery capacity can be checked at any
- Same recharger for 12V to 36V rechargeable batteries
- 3-year warranty for the rechargeable batteries







Roof & facade Cutting - Slitting shears 11

Slitting shear LiHD battery 12V

TruTool C 160/ C 160 with chip clipper



Slitting shear TruTool C 160 / C 160 with chip clipper

- Incredibly light and ergonomic tool. For work with reduced fatigue
- Depending on the application, you can choose between four different cutting blades

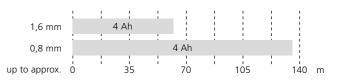
Included accessories

Straight cutter 1–1,6 mm (integrated), cut guides (integrated), hex head wrench DIN 911–2.5, chip clipper (integrated in C 160 with chip clipper), belt clip, 2x battery 12V LiHD 4.0 Ah, charger LG 12V–36V, TRUMPF Box S2

Technical datas						
TruTool C 160 / TruTool C 160 with chip clipper						
	Straight CR cutter cutter					
Max. sheet thickness		1-1.6 mm	0.5-1.2 mm			
Steel 400 N/mm²	mm	1.6				
Spiral ducts 400 N/mm ²	mm		4 x 0.75			
Steel 600 N/mm ²	mm		1.2			
Aluminium 250 N/mm²	mm	2				
Working speed max.	m/min		9			
Start hole diameter	mm	15	8			
Smallest radius (L / R)	mm	90/90	160/160			
Tension	V	12				
Weight (with battery)	kg	1.5				
Length / height	mm	357/88				

More cutters available: straight cutter up to 1 mm, curve cutter up to 1 mm

Cutting performance per battery charge (mild steel 400 N/mm²)



Application dependency: With or without chip clipper

12 Cutting - Slitting shears Roof & facade Roof & facade Cutting - Slitting shears **13**

Slitting shear LiHD battery 18V



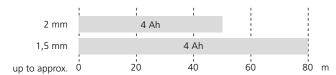
Slitting shear TruTool C 200

- The machine can be easily withdrawn from the metal sheet without cutting the chip
- For even more specialization, there are six sets of different cutters to combine with the right blades

Included accessories

Set Spiro integrated (1x cutter SC, 2x corrugated cut guides), Torx-screwdriver, 2x battery 18V LiHD 4.0 Ah, charger LG 12V – 36V. TRUMPF Box S2

Cutting performance per battery charge (mild steel 400 N/mm²)

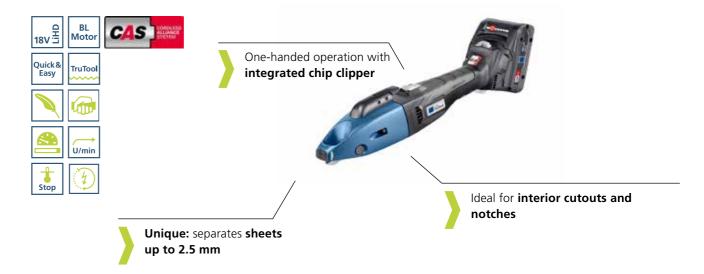


Excellent for cutting spiral ducts

Technical datas								
TruTool C 200								
Max. sheet thickness		Set Spiro	Set HighSpeed	Set HighQuality	Set thin sheet	Set Curves	Set CR	
Steel 400 N/mm²	mm		1,5-2	1,5-2	0,5-1,5	1,5		
Spiral ducts 400 N/mm²	mm	4 x 0,9/6 x 0,6						
Steel 600 N/mm²	mm				1	0,8	1,5	
Spiral ducts 600 N/mm²	mm	4 x 0,6						
Aluminium 250 N/mm²	mm		3	3	2	2		
Working speed	m/min	10	15	10	10	10	10	
Start hole diameter	mm	8	20	20	16	16	18	
Smallest radius (L / R)	mm	80/110	80/100	80/100	70/80	40/80	80/100	
Tension	V		18					
Weight	kg		2,4					
Length / height	mm		394/119					

Slitting shear LiHD battery 18V (also available as electric version)

TruTool C 250 with chip clipper



Slitting shear TruTool C 250 with chip clipper

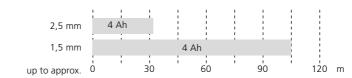
- Chips can be cut easily with one hand at the touch of a button
- Depending on the application, you can choose between five different cutters

Included accessories*

Straight cutter 1,5 mm-2,5 mm (integrated), cut guides (integrated), 2x battery 18V LiHD 4.0 Ah, charger LG 12V - 36V. TRUMPF Box S2

*Electric version: TRUMPF Box S1, without batteries and charger

Cutting performance per battery charge (mild steel 400 N/mm²)



The most powerful slitting shear

Technical datas								
		TruTool C 250 with chip clipper						
		Straight cutter	Straight cutter	Curve cutter	Cutter CR	Cutter SC		
Max. sheet thickness		< 1,5 mm	0,5 - 1,5 mm	0,5 - 1,5 mm	0,5 - 1,5 mm			
Steel 400 N/mm²	mm	1,5	2,5	1,5				
Spiral ducts 400 N/mm²	mm	1				4x 0,9/6 x 0,6		
Steel 600 N/mm²	mm	2	3	0,8	1,5			
Spiral ducts 600 N/mm²	mm					4 x 0,6		
Aluminium 250 N/mm²	mm			2				
Working speed max. (battery)	m/min	10	10	10	10	10		
Working speed max. (electric)	m/min	10	10	10	10	10		
Start hole diameter	mm	17	22	15	20	18		
Smallest radius	mm	70/80	100/130	45/80	100/100	150		
Tension	V			18				
Rated input power	W			550				
Weight (with battery)	kg			2,5				
Weight (electric)	kg	2,1						
Length / height (battery)	mm	398 x119						
Length / height (electric)	mm	340 x83						



Roof & facade Cutting - Shears 15

Shear LiHD battery 12V

TruTool S 114



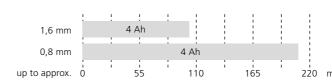
Shear TruTool S 114

- Outstanding cut quality
- Precise cutting of ventilation ducts on walls and ceilings
- For cutting and trimming C-L-U profiles, corrugated and trapezoidal sheet metal

Included accessories

Cutter (integrated), screwdriver Torx, belt clip, 2x battery 12V LiHD 4.0 Ah, charger LG 12V-36V, TRUMPF Box S1

Cutting performance per battery charge (mild steel 400 N/mm²)



Short and precise cutting

Technical datas					
Max. sheet thickness		TruTool S 114			
Steel 400 N/mm²	mm	1.6			
Spiral ducts 400 N/mm²	mm	4 x 0.75			
Steel 600 N/mm²	mm	1			
Spiral ducts 600 N/mm²	mm	4 x 0.5			
Aluminium 250 N/mm²	mm	2			
Working speed max.	m / min	13			
Smallest radius	mm	60			
Min. tube diameter	mm	50			
Throat depths	mm	30			
Tension	V	12			
Weight	kg	1.8			
Length / height	mm	380/95			

16 Cutting - Shears Roof & facade Roof & facade Cutting - Shears **17**

Shear LiHD battery 12V

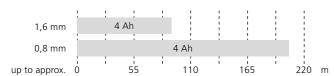
TruTool S 160



Shear TruTool 160

- The low machine weight means that you can work accurately and easily
- Fast work progress with cutting speeds of up to 12 meters per minute
- For flat sheets and ventilation ducts

Cutting performance per battery charge (mild steel 400 N/mm²)



Extremely handy and versatile

Cutter (integrated), hex head wrench DIN 911-2 and 911-3,

2x batteries 12V LiHD 4.0 Ah, belt clip, 2x battery 12V LiHD

4.0 Ah, charger LG 12V-36V, TRUMPF Box S2

Included accessories

Technical datas					
Max. sheet thickness		TruTool S 160			
Steel 400 N/mm²	mm	1.6			
Steel 600 N/mm²	mm	1.2			
Steel 800 N/mm²	mm	1			
Aluminium 250 N/mm²	mm	2			
Working speed	m / min	9			
Start hole diameter	mm	27			
Smallest radius	mm	16			
Tension	V	12			
Rated input power	W	350			
Weight (with battery)	kg	1.7			
Length / height (battery)	mm	295/156			

Shear LiHD battery 18V (also available as electric version)

TruTool S 250



Shear TruTool S 250

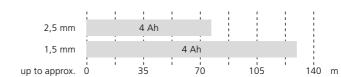
- Stainless steel processing: up to 1.5 mm thickness
- For flat sheets, wire mesh and coil cutting

Included accessories*

Cutter (integrated), hex head wrench 4 mm, hex head wrench DIN 911-2.5, 2x battery 18V LiHD 4.0 Ah, charger LG 12V-36V, TRUMPF Box S2

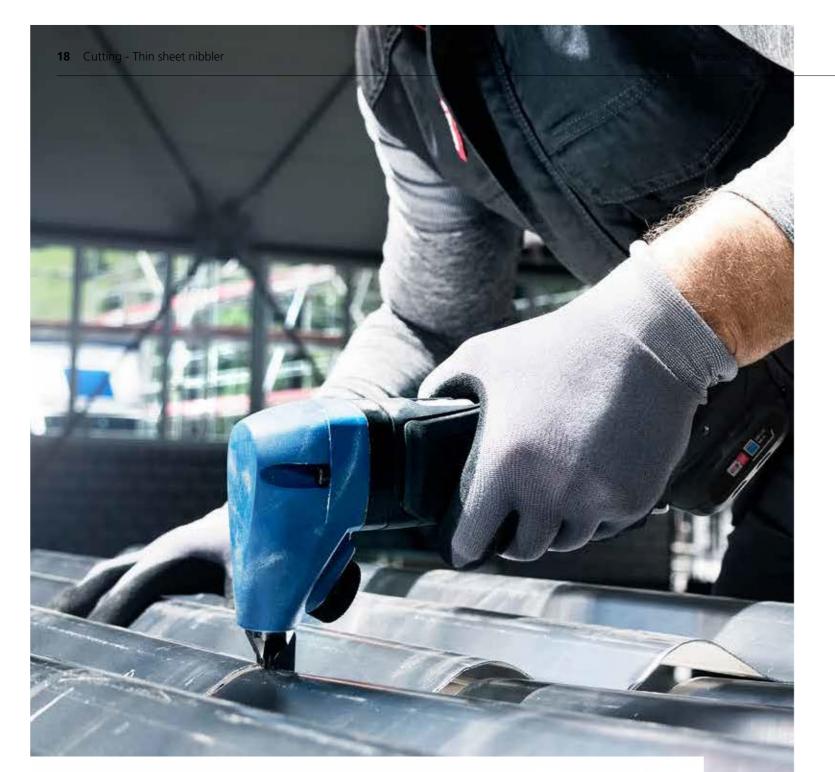
*Electric version: TRUMPF Box S1, without batteries and charger

Cutting performance per battery charge (mild steel 400 N/mm²)



Robust tool for continuous use

Max. sheet thickness		TruTool S 250	
Steel 400 N/mm²	mm	2.5	
Steel 600 N/mm²	mm	2	
Steel 800 N/mm²	mm	1.5	
Aluminium 250 N/mm²	mm	3	
Working speed (battery)	m / min	7	
Working speed (electric)	m / min	7	
Start hole diameter	mm	28	
Smallest radius	mm	20	
Tension	V	18	
Rated input power	W	550	
Weight (with battery)	kg	2.6	
Weight (electric)	kg	2.2	
Length / height (battery)	mm	337/201	
Length / height (electric)	mm	279/155	



Nibbler - Profile nibbler up to 2 mm sheet thickness

- Cold cutting process: distorsion and spark-free cutting
- Cutting without feed force
- Clear view of the work surface
- Possibility to rotate 360°: 8 cutting directions with tool-free adjustment

Roof & facade Cutting - Thin sheet nibbler 19

Profile nibbler LiHD battery 12V

TruTool N 160/ TruTool N 160 with extension



Nibbler TruTool N 160 / TruTool N 160 with extension

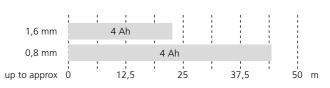
- Round punch: for high curve and profile flexibility
- Compact design: ideal for hard-to-reach areas
- Tool-free tool, die and punch change

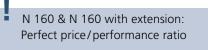
Included accessories

Punch (integrated), die (integrated), extension (for version TruTool N 160 with extension), belt clip, 2x battery 12V LiHD 4 Ah, charger LG 12V-36V, TRUMPF Box S2

Technical data			
Max. sheet thickness		TruTool N 160	TruTool N 160 with extension
Steel 400 N/mm²	mm	1.6	1.6
Steel 600 N/mm²	mm	1	1
Steel 800 N/mm²	mm	0.7	0.7
Aluminium 250 N/mm²	mm	2	2
Working speed	m/min	2.2	2.2
Start hole diameter	mm	22	22
Smallest radius	mm	24	24
Tension	V	12	12
Weight (with battery)	mm	1.6	1.8
Length / height	mm	307/170	307/280

Cutting performance per battery charge (steel 400 N/mm²)





20 Cutting - Thin sheet nibbler Roof & facade Roof & facade Cutting - Thin sheet nibbler **21**

Nibbler LiHd battery 18V (also available as electric version)

TruTool N 200



Nibbler TruTool N 200

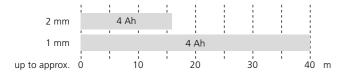
- Hollow round punch: the machine can be turned on the spot. For the highest possible versatility.
- Punch and die can be replaced without a tool

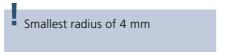
Included accessories*

Tool N 200 (integrated), punch (integrated), die (integrated), punch guide (integrated), Torx-screwdriver, 2 x battery LiHD 18V 4 Ah, charger LG 12V – 36V, TRUMPF Box S2

*Electric version: TRUMPF Box S1, without batteries and charger

Cutting performance per battery charge (mild steel 400 N/mm²)





Technical datas		
Max. sheet thickness		TruTool N 200
Steel 400 N/mm²	mm	2
Steel 600 N/mm²	mm	1.5
Steel 800 N/mm²	mm	1
Aluminium 250 N/mm²	mm	2.5
Working speed (battery)	m/min	1.6
Working speed (electric)	m/min	1.7
Start hole diameter	mm	17
Smallest radius	mm	4
Tension	V	18
Rated input power	W	550
Weight (with battery)	kg	2.2
Weight (electric)	kg	1.8
Length / height (battery)	mm	325/201
Length / height (electric)	mm	267/155

Profile nibbler LiHD battery 18V (also available as electric version)

TruTool PN 200 / TruTool PN 201



Profile nibbler TruTool PN 200 / TruTool PN 201

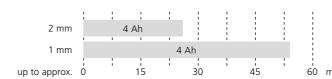
- Rectancular punch: for high curve and profile flexibility
- Tool-free tool, punch and die change

Included accessories*

Tool PN 200 or PN 201 (integrated), punch (integrated), die (integrated), punch guide (integrated), wearing plate, Torx- screwdriver, 2 x battery LiHD 18V 4 Ah, charger LG 12V – 36V, TRUMPF Box S2 (PN 200), TRUMPF Box M2 (PN 201)

*Electric version: TRUMPF Box S1 (PN 200), TRUMPF Box M2 (PN 201), without batteries and charger

Cutting performance per battery charge (mild steel 400 N/mm²)



1 machine - 3 tools:N 200, PN 200 and PN 201

Technical datas			
Max. sheet thickness		TruTool PN 200	TruTool PN 201
Steel 400 N/mm²	mm	2	2
Steel 600 N/mm²	mm	1.5	1.5
Steel 800 N/mm²	mm	1	1
Aluminium 250 N/mm²	mm	3	3
Working speed (battery)	m/min	1,9	1,9
Working speed (electric)	m/min	2.1	2.2
Start hole diameter	mm	24	24
Smallest radius	mm	50	50
Tension	V	18	18
Rated input power	W	550	550
Weight (with battery)	kg	2.2	2.4
Weight (electric)	kg	1.8	2.0
Length / height (battery)	mm	325/194	325/363
Length / height (electric)	mm	267/147	267/317





■ Work completed in one operation, no finishing work needed ■ Easy handling: Machine ready for use without pre-setting

Panel Cutter, electric version

TruTool TPC 165









Swivelling 90° blade for fixing the cutting depth

Panel Cutter TruTool TPC 165

point on the panel

- Compact and light machine
- Adjustable cutting depth: cutting on panels where one side of the sheet has to remain uncut
- Cutouts on pre-assembled panels
- High working speed up to four meters per minute

Insertion mechanism: start at any

Included accessories

Saw chain 165 (integrated), blade 165 (integrated), guide rails (integrated, set of 2), wear plate (integrated), front wear plate (integrated), combination key, punch and nibble oil for steel (500 ml), carrying case

For precisely dimensioned, right-

angle cutouts

Cuts sandwich panels in one operation

Technical datas					
Pannel cutter		TruTool TPC 165			
Max. panel thickness	mm	165			
Single sheet thickness for steel 400 N/mm²	mm	0.9			
Isolation material		Polyurethane. polyisoyanurate-foam			
Smallest possible insertion	mm	340 x 340			
Working speed	m/min	4			
Rated input power	W	1700			
Cutting width	mm	4			
Weight	kg	9.6			
Length / height (without blade)	mm	493/231			
Length / height (with blade)	mm	493/437			



Power fastener LiHD battery 18V (also available as electric version)

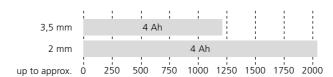
TruTool TF 350



Power fastener TruTool TF 350

- Joining of different materials, as well as coated and uncoated workpieces
- Minimal setup time of the machine

Joining per battery charge (mild steel 400 N/mm²)



Included accessories*

Punch (integrated), tilting arm for punch, die arm fixed no. 3 (3 mm-3.5 mm), stripper for straight sheets (integrated), stripper for ducts, hex head wrench DIN 911-6, DIN 911-5 and DIN 911-3, grease gun filled with "G1", box for small parts, 2xbattery LiHD 18V 4 Ah, charger LG 12V-36V, carrying case

*Electric version without batteries and charger

Fast and economical joints

Technical datas		
Max. sheet thickness		TruTool TF 350
Steel 400 N/mm²	mm	3.5
Steel 600 N/mm²	mm	2.5
Aluminium 250 N/mm²	mm	4
Minimum sheet thickness	mm	0.8
Locking power max.	kN	25
Max. stroke power	1/s	2
Edge clearance	mm	8-58
Flange height max.	mm	36
Tension	V	18
Rated input power	W	1700
Weight (with battery)	kg	8
Weight (electric)	kg	8.3
Length / height (battery)	mm	454/358
Length / height (electric)	mm	411/358

Cordless tools – You have the choice



Body only machines and starter-kits individually and independently

TRUMPF Box

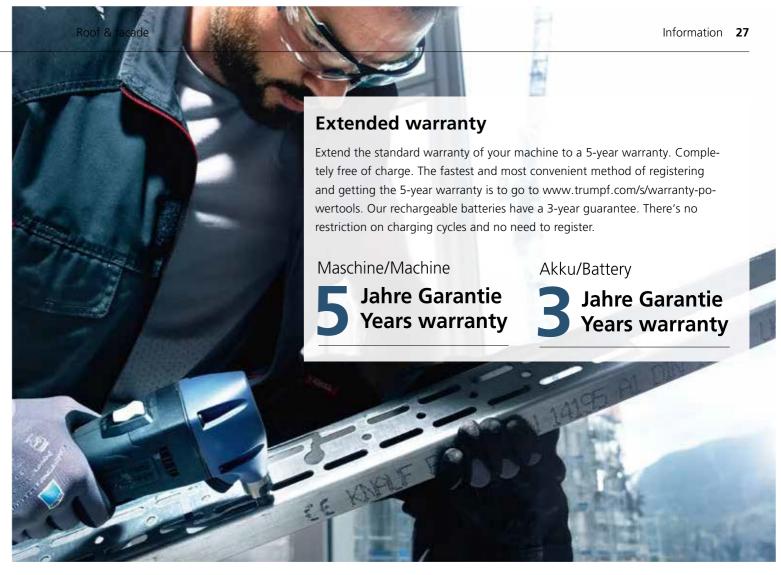
Packed with system. The high-quality plastic boxes can be stacked on top of one another and interconnected by a simple twist.

- Machine with batteries and charger
- Body only machine without batteries and charger

Cardboard Box

High quality disposable packaging for body only machines. Ideal protection for transport routes.

- Body only machine without batteries and charger
- Starter-Kit 12V: 1x charger LG 12-36V 2x battery 12V LiHD 4 Ah
- Starter-Kit 18V: 1x charger LG 12-36V 2x battery 18V LiHD 4 Ah



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.



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.



Rotating punch

Ensures regular wear and long service life.

Low machine weight for low-fatigue work.



Quick-acting brake

Safe working due to fast tool stop.



Minimal vibration values and highest user friendliness.



Ensures optimum and convenient machine control and minimizes vibration.



Speed governor

Adjustable speed for material-specific working and perfect results.



Ergonomic work through smooth starting.



Overload protection

Protects the motor from over-heating



Restart protection

Prevents unwanted starting after power interruptions.



Integrated lubrication

For a constant cutting quality and long tool service life.



28 Order numbers Roof & facade TRUMPF Your partner 29

Order numbers

Here you find your order numbers

Order numbers						
Electric machines		DE	СН	GB	USA	
Slitting shear	TruTool C 250 with chip clipper	1942368	1942370	1942381	1942382	
Shear	TruTool S 250	1942384	1942385	1942386	1942387	
Nibbler	TruTool N 200	1751743	1751806	1751805	1751777	
Profile nibbler	TruTool PN 200	1751836	1751837	1751839	1751838	
Profile nibbler	TruTool PN 201	1751841	1751843	1751846	1751845	
Profile nibbler	TruTool PN 200 Set (with short and long tool)	1847577				
Panel cutter	TruTool TPC 165	2451582	2451584	2451587	2451585	
Power fastener	TruTool TF 350 with tilting arm	2598675	2598676	2598677	2598678	
Power fastener	TruTool TF 350 without tool	2598680	2598681	2598682	2598683	

Cordless machines		DE / CH	GB	USA	*Solo TRUMPF Box	*Solo cardboard box
Slitting shear	TruTool C 160 LiHD battery 12V	2525344	2534266	2534265	2534267	2576946
Slitting shear	TruTool C 160 with chip clipper LiHD battery 12V	2525343	2534311	2534269	2534312	2576947
Slitting shear	TruTool C 200 LiHD battery 18V	2525317	2534389	2534388	2534390	2576986
Slitting shear	TruTool C 200 LiHD battery 18V (without tool)	2538012				
Slitting shear	TruTool C 250 with chip clipper LiHD battery 18V	2525315	2534386	2534385	2534387	2576984
Shear	TruTool S 160 LiHD battery 12V	2525345	2534315	2534314	2534316	2576948
Shear	TruTool S 250 LiHD battery 18V	2525314	2534383	2534382	2534384	2576983
Shear	TruTool S 114 LiHD battery 12V	2525346	2534320	2534319	2534341	2576950
Nibbler	TruTool N 160 LiHD battery 12V	2525347	2536307	2536306	2538016	2536308
Nibbler	TruTool N 160 with extension LiHD battery 12V	2538019				
Nibbler	TruTool N 200 LiHD battery 18V	2525318	2534380	2534379	2534381	2576982
Profile nibbler	TruTool PN 200 LiHD battery 18V	2525319	2534349	2534348	2534350	2576813
Profile nibbler	TruTool PN 201 LiHD battery 18V	2525320	2534373	2534371	2534374	
Profile nibbler	TruTool PN 200 Set LiHD battery 18V (tool PN 200 and PN 201)	2576814	2576816	2576815	2576817	
Power fastener	TruTool TF 350 with tilting arm LiHD battery 18V	2525341	2534924	2534923	2534925	
Power fastener	TruTool TF 350 without tool LiHD battery 18V	2537917				

Charger and batteries	DE / CH	GB	US	
Charger LG 12V - 36V	2569784	2569786	2569785	
Battery 12V LiHD 4 Ah	2598770			
Battery 18V LiHD 4 Ah	2598811			

^{*} Solo: body only machine

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







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.



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 Grüsch · Phone +41 58 257 61 61 · Fax +41 58 257 64 02
E-Mail powertools@ch.trumpf.com · Homepage www.trumpf.com