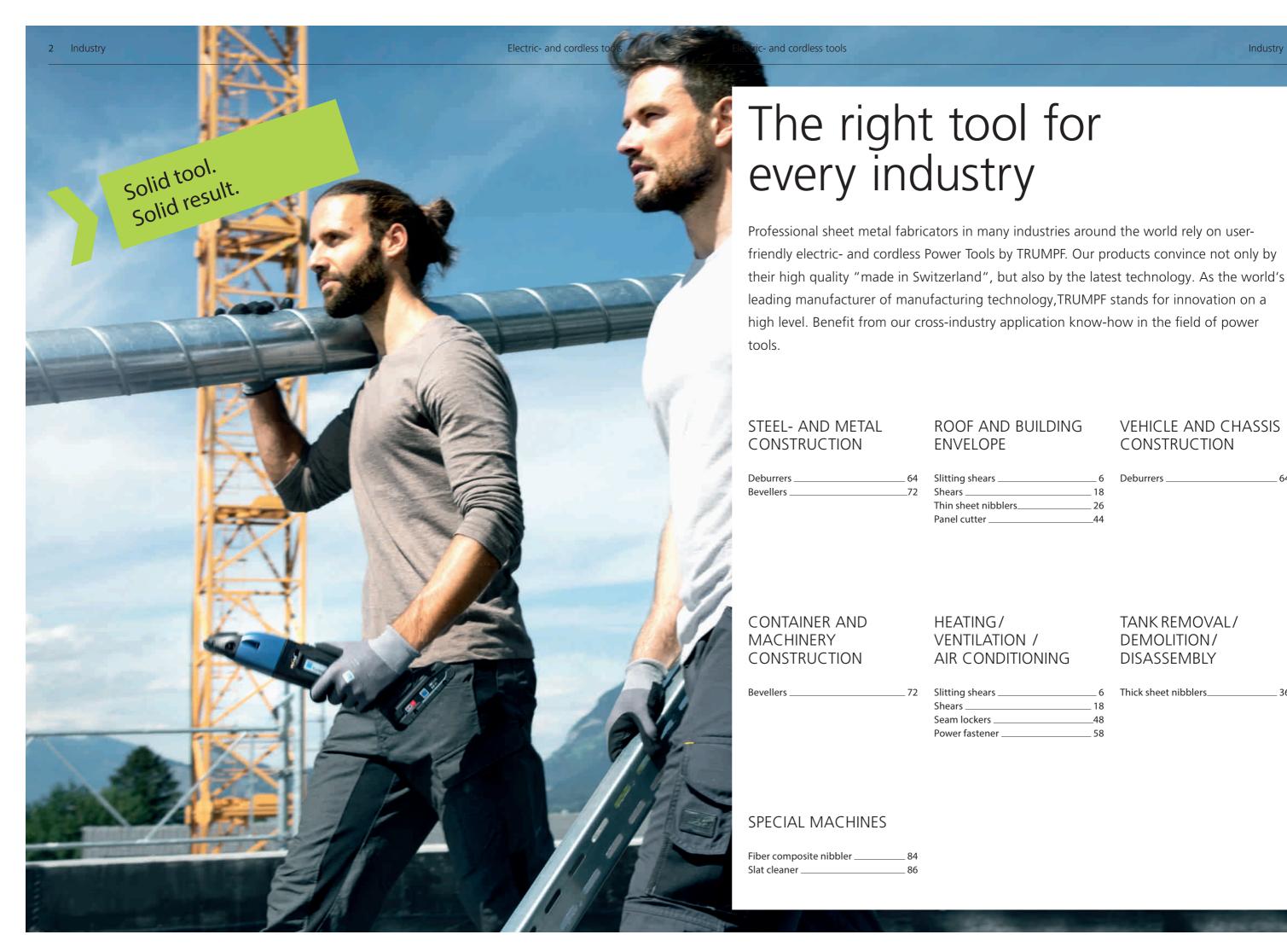


# Electric- and cordless Power Tools



# VEHICLE AND CHASSIS CONSTRUCTION

6
18
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Deburrers \_\_\_\_

64

TANK REMOVAL/ DEMOLITION/ DISASSEMBLY

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Thick sheet nibblers\_ 36

# TRUMPF shears

TRUMPF provides tinsmiths, plumbers, electricians, heating and ventilation specialists, as well as container or elevator constructors with numerous shears which are optimally adapted to their intended purpose.

Particular strengths:

# Unbeatable performance on curves

IruTool

The shears are designed for the highest manoeuvrability, even on tight, difficult radii.

Chip-free slitting process

Using the sheet metal cutters, you can cut without burrs and thermal influences.





 Clear view of the work surface and cutting line

A clear view allows you to cut accurately according to the scribed line, in any position – even upside down.

# Multi-edge cutter for costeffective work

The blades are simple to change and can be turned several times.

# Overview shears

Tips:

Overview shears

TruTool

5 114	S 160
.iHD battery 12V	LiHD battery 12V
-	ę

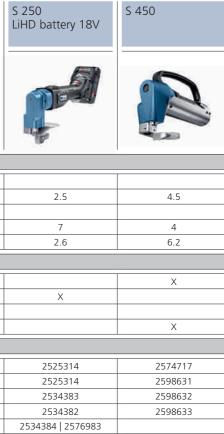
Technical data			
Max. sheet thickness			
Steel 400 N/mm <sup>2</sup>	mm	1.6	1.6
Spiral ducts steel 400 N/mm <sup>2</sup>	mm	4 x 0.75	
Working speed up to	m/min	13	9
Weight	kg	1.8	1.7
Product features			
2-sided. cutting blades			
4-sided. cutting blades			Х
Interchangeable cutters		Х	
Tool free height adjustment for sheet thickness			
Country / order numbers			
DE		2525346	2525345
СН		2525346	2525345
GB		2534320	2534315
USA		2534319	2534314
Solo (without battery / charger) box   cardboard box		2534341 2576950	2534316 2576948

Overview shears TruTool	S 250
Technical data	

s tools

Max. sheet thickness			
Steel 400 N/mm <sup>2</sup>	mm	2.5	
Spiral ducts 400 Steel N/mm <sup>2</sup>	mm		
Working speed up to	m/min	7	
Weight	kg	2.2	
Product features			
2-sided, cutting blades			
4-sided, cutting blades		Х	
Interchangeable cutters			
Tool free height adjustment for sheet the	hickness		
Country / order numbers			
DE		1942384	
СН		1942385	
GB		1942386	
USA		1942387	
Solo (without battery / charger) box   ca			

To achieve optimum cutting results, you can adjust the distance between the cutters individually to the desired sheet thickness. This ensures high precision cutting.



# TruTool S 114 LiHD battery 12V



Technical data		
Max. sheet thickness		
Steel 400 N/mm <sup>2</sup>	mm	1.6
Steel 600 N/mm <sup>2</sup>	mm	1
Aluminium 250 N/mm²	mm	2
Spiral ducts steel 400 N/mm <sup>2</sup>	mm	4 x 0.75
Spiral ducts steel 600 N/mm <sup>2</sup>	mm	4 x 0.5
Working speed up to	m/min	13
Smallest radius	mm	60
Min. tube diameter	mm	50
Throat depths	mm	30
Voltage	V	12
Weight (with battery)	kg	1.8
Length/width	mm	380/95

Shears

#### Included accessories

Cutter (integrated), screwdriver Torx PB 410, 2x battery 12V LiHD 4 Ah, charger LG 12V-36V, belt clip, TRUMPF Box S2

# Product features

- Cutters are interchangeable; 2-sided use
- Easily rotatable machine
- Perfect for flush-cutting ventilation pipes at walls and ceilings
- For cutting and trimming C-L-U profiles, corrugated and trapezoidal sheet metal
- Intelligent battery management, brushless motor and Power Head Technology
- Cordless Alliance System: 12V battery compatible within their performance class - also with CAS partner machines and chargers (12V-36V)

# TruTool S 160 LiHD battery 12V



## Included accessories

Cutter standard, hex head wrench SW 2 and SW 3, 2x battery 12V LiHD 4 Ah, charger LG 12V-36V, belt clip, TRUMPF Box S2

# **Product features**

- Easy to exchange 4-sided cutting blades
- Exceptionally small, handy and manoeuvrable thanks to its short design and compact shearing head
- Also ideal for application in stainless steel
- Flexibility in curves: for radii from 15 mm

Consumables		
•••		
Cutter	CR cutter	Cutter titanium-coated
0126471 set of 2 1264320 set of 10	0919760 set of 2	2089660 set of 2

Consumables		Accesoires	
Cutter	set of 2, 0126471 set of 10, 1264320	Battery 12V LiHD 4 Ah	2598770
CR cutter	set of 2, 0919760	Charger LG 18V-36V DE / CH	2569784
Cutter titanium-coated	set of 2, 2089660	Charger LG 18V–36V GB	2569786
Lubricating grease G1 25 g	0344969	Charger LG 18V–36V USA	2569785
Lubricating grease G5 900 g	1954202	Belt clip	2599016
		Hex head wrench SW 2	0002946
		Hex head wrench SW 3	0094840
		TRUMPF Box S2	1763682

Consu	mables





# 1376494 set of 2

Consumables	
Cutters	set of 2, 1376494
Lubricating grease G1 25 g	0344969
Lubricating grease G5 900 g	1954202
Accessories	
Battery 12V LiHD 4 Ah	2598770
Charger LG 18V–36V DE / CH	2569784
Charger LG 18V–36V GB	2569786
Charger LG 18V–36V USA	2569785
Belt clip	2599016
Screwdriver Torx PB 410	1775531
TRUMPF Box S2	1763682

CORDLESS ALLIANCE SYSTEM		
Technical data		
Max. sheet thickness		
Steel 400 N/mm <sup>2</sup>	mm	1.6
Steel 600 N/mm <sup>2</sup>	mm	1.2
Steel 800 N/mm <sup>2</sup>	mm	1
Aluminium 250 N/mm <sup>2</sup>	mm	2
Working speed up to	m/min	9
Start hole diameter	mm	28
Smallest radius	mm	16
Voltage	V	12
Weight (with battery)	kg	1.7
Length / width	mm	295/156

- Intelligent battery management, brushless motor and Power Head Technology
- Cordless Alliance System: 12V battery compatible within their performance class - also with CAS partner machines and chargers (12V-36V)

CUTTING

# TruTool S 250 / TruTool S 250 LiHD battery 18V



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

# Included accessories

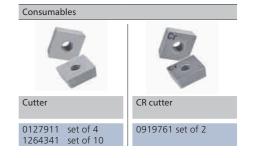
Cutter (integrated), hex head wrench 4 mm, hex head wrench SW 2.5, TRUMPF Box S1 (electric version) Additional for battery version: 2x battery 18V LiHD 4 Ah, charger LG 12V–36V, TRUMPF Box S2

# Product features

- Easy to exchange 4-sided cutting blades
- Robust and compact shears for the medium power range
- Ideal for continuous use
- Flexibility in curves: for radii from 20 mm

# Battery version

- Intelligent battery management, brushless motor and Power Head Technology
- Cordless Alliance System: One battery, many solutions.
  100% compatible with all 18V battery machines



Consumables			
Cutter		set of 4, 0127911	set of 10, 1264341
CR cutter			set of 2, 0919761
Accessories			
Hex head wrench	SW 4		0023065
Hex head wrench	SW 2,5		0067822
TRUMPF Box S1 (elec	tric)		1763681

2598811
2272666
2275871
2275872
1763682

# TruTool S 450



## Included accessories

Cutter (integrated), hex head wrench SW 5 mm, hex head wrench SW 2 mm, feeler guide, grease gun G1, TRUMPF Box M2

# Product features

- Easy to exchange 2-sided cutting blades
- Robust cutting table specifically developed for thick sheet metal – excellent choice for work with stainless steel
- Height of cutters can be adjusted without using tools. Can be individually adapted to the sheet thickness.

Consumables	
	-
Cutter	CR cutter
0140451 set of 2	140452 set of 2

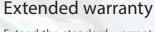
set of 2, 0140451
. (
set of 2, 0140452
1369906
0344969
0139440
0139602
0056856
0918382
0979371
0003677
0002946
0373324
1770890

Technical data					
Max. sheet thickness					
Steel 400 N/mm <sup>2</sup>	mm	4.5			
Steel 600 N/mm <sup>2</sup>	mm	3.5			
Steel 800 N/mm <sup>2</sup>	mm	2.5			
Aluminium 250 N/mm <sup>2</sup>	mm	5			
Working speed up to	m/min	6			
Start hole diameter	mm	75			
Smallest radius	mm	R 35/L 25			
Rated input power	W	1700			
Weight	kg	6.2			
Length/width	mm	334/280			

- The bow handle ensures safe machine operation and ease of use
- Flexibility in curves: for radii from 35 mm

Electric- and cordless tools

Overview TRUMPF Boxes and inserts							
Type Order number External dimensions HxWxL mm: Internal dimensions HxWxL mm: Weight kg:	51 1763681 105 x 396 x 296 75 x 383 x 273 1.3	52 1763682 158 x 396 x 296 128 x 383 x 267 1.5	M2 1770890 158 x 496 x 296 128 x 483 x 267 1.9	M3 1770951 210 x 496 x 296 180 x 483 x 267 2.1	L2 1763686 158 x 596 x 396 124 x 545 x 330 3.4	Insert	Order numbe
Electric machines							
TruTool C 250	Х					S 102	1771093
TruTool S 250	Х					S 102	1771093
TruTool S 450			Х			M 202	1771097
TruTool N 200	Х					S 102	1771093
TruTool N 350				Х		M 201	1771096
TruTool N 500				Х		M 201	1771096
TruTool N 700					Х	L 201	1771102
TruTool PN 200	Х					S 102	1771093
TruTool PN 201			Х			M 205	2282145
TruTool F 125	Х					S 102	1771093
TruTool F 140		Х				S 201	1771099
TruTool F 300				Х		M 301	1771100
TruTool F 301				Х		M 301	1771100
TruTool TKA 700				Х		M 203	1771098
TruTool TKF 700				Х		M 201	1771096
TruTool FCN 250	Х					S 102	1771093
Battery machines							
TruTool C 160		Х				S 202	2578290
TruTool C 200		Х				S 204	2578313
TruTool C 250		Х				S 204	2578313
TruTool S 114		Х				S 202	2578290
TruTool S 160		Х				S 202	2578290
TruTool S 250		Х				S 204	2578313
TruTool N 160 / N 160 with extension		х				S 203	2578312
TruTool N 200		Х				S 204	2578313
TruTool PN 200		Х				S 204	2578313
TruTool PN 201			х			M 207	2578315



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 **3** Jahre Garantie Years warranty

Akku/Battery

#### Legend

You can find the symbols on the machine pages



LiHD Technology Battery-powered machines with 12V drive.



LiHD Technology Battery-powered machines with 18V drive.



Brushless motor Low-wear and tear motor for maximum longevity.



Quick & Easy Quick and easy tool change.



Several times rotatable The cutters can be turned twice and ensure a long service life.



Several times rotatable The cutters can be turned 4 times and ensure a long service life.



4x 📏

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

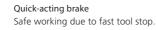


Minimal vibration values and highest user friendliness.



Rotating punch Ensures regular wear and long service life.

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Integrated lubrication

Light-weight



Softgrip Ensures optimum and convenient machine control and minimizes vibration.

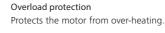


Adjustable speed for material-specific working and perfect results (only for 230 V machines).

Smooth start Ergonomic work through smooth starting.



U/min

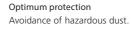




Prevents unwanted starting after power interruptions.



╉





Safe working by decoupling the power unit in case of unexpected tool stop.

-		
	No. of Concession, Name	

TRUMPF Box S1





TRUMPF Box S2

TRUMPF Box M2

Overview packaging			
Type Order number <b>External dimensions HxWxL</b> mm: Weight kg:	Carrying case 2277078 550x670x240 5.2	Carrying case 1798090 460x270x550 4.3	Carrying 26140 460x200 5.2
			<u> </u>
TruTool N 1000	Х		
TruTool TPC 165		Х	
TruTool TF 350			Х
TruTool TKA 1500			
TruTool TKF 1500	Х		

Low machine weight for low-fatigue work.

For a constant cutting quality and long tool service life.



Speed governor

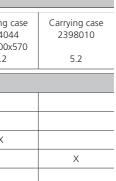








TRUMPF Box M3





TRUMPF Box L2

# Noise and vibrations Information

## Measured values determined according to EN 60745

The vibration emission level given in this information sheet has been measured in accordance with a standardised test given in EN 60745 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure.

The declared vibration emission level represents the main applications of the tool. However if the tool is used for different applications, with different accessories or poorly maintained, the vibration emission may differ. This may significantly increase the exposure level over the total working period. An estimation of the level of exposure to vibration should also take into account the times when the tool is switched off or when it is running but not actually doing the job. This may significantly reduce the exposure level over the total working period.

Identify additional safety measures to protect the operator from the effects of vibration such as: maintain the tool and the accessories, keep the hands warm, organisation of work patterns.

Туре	Vibration emission value ah (vector sum of three directions	Uncertainty for vibration emission value	A-assessed sound pressure level	A-assessed sound power level	Uncertainty for noise emission values
	ah [m/s2]	k [m/s2]	Lpa [dB(A)]	Lwa [dB(A)]	k [dB]
Electric machines					
TruTool C 250 (2B1)	17,5	7,3	80	91	3
TruTool S 250 (2A1)	20,2	6,0	80	91	3
TruTool S 450 (3A1)	8.8	1,5	105,2	116,2	2,5
TruTool N 200 (2A1)	5,2	1,5	80	91	3
TruTool N 350 (3A1)	6,9	2	105,2	116,2	2,5
TruTool N 500 (3A1)	10,9	1,5	105,2	116,2	2,5
TruTool N 700 (2A1)	12,5	2	100,4	111,4	3
TruTool N 1000 (3B1)	12,8	3,6	91	102	3
TruTool PN 200 (2A1)	7,3	1,5	80	91	3
TruTool PN 201 (2A1)	5,9	1,5	80	91	3
TruTool TPC 165 (2A1)	2,8	1,5	107	118	4
TruTool F 125 (2A1)	3,8	1,4	80	91	3
TruTool F 140 (2A1)	≤ 2,5	1,5	80	91	3
TruTool F 300 (2A1)	< 2,5	1,5	80	91	3
TruTool F 300 (3B1) with 1700 W motor	1,2	1,8	85	96	3
TruTool F 301 (2A1)	≤ 2,5	1,5	80	91	3
TruTool TF 350 (3A1)	2	1,5	73	84	3
TruTool TKA 700 (1A1)	4,1	1,5	93,8	105	2,5
TruTool TKA 1500 (1A1)	5,7	1,5	90	101	3
TruTool TKF 700 (3A1)	14,9	1,5	84	95	3
TruTool TKF 1500 (4A1)	12,1	2,5	87	98	1,5
TruTool TKF 1500 (4B1)	12,1	2,5	87	98	1,5
TruTool FCN 250 (1A1)	5,2	1,5	80	91	3
TruTool TSC 100 (3A1)	4,7	1,5	91	102	3

### General terms and conditions

# Delivery terms

For the delivery of the products listed in this brochure, the relevant valid terms and conditions of delivery are standard.

## Warranty

For TRUMPF electric and cordless power tools, the term of liability is 12 months as of the date of invoice. Damages that are traced back to natural wear and tear, overstress or improper use of the machine are excluded from the warranty. Damages that occur due to material or manufacturing defects or errors will be handled by a replacement delivery or repaired free of charge. Claims can only be accepted if the device is sent back to your TRUMPF dealer without having been disassembled.

#### ISO certification

All electric and cordless-operated tools produced in our production facilities are certified according to ISO 9001.

# Nominal voltages

In general, the corresponding country models are available for all machines. Please contact your TRUMPF sales office for additional details.

#### Subject to changes

We reserve the right to change data as well as correct mistakes and print errors; liability for such is excluded. Technical data, in particular, are subject to change without prior notification. Individual features may differ depending on country-specific issues.

### CE conformity

All electric and cordless-operated tools in this catalogue adhere to the provisions of the respectively relevant EU directives.

# Service

TRUMPF offers worldwide repair service centers. Please contact your regional sales office so that repairs can be made by our trained specialists.

Operating manuals as well as spare parts lists are delivered along with the machines. If these documents are lost, replacements are available for download at www.trumpf-powertools.com.

Please use only original spare parts as well as original accessories from TRUMPF. This guarantees trouble-free machine use and, in case of a claim, acceptance of your warranty claim.

Туре	Vibration emission value ah (vector sum of three directions	Uncertainty for vibration emission value	A-assessed sound pressure level	A-assessed sound power level	Uncertainty fo noise emission values
	ah [m/s2]	k [m/s2]	Lpa [dB(A)]	Lwa [dB(A)]	k [dB]
Battery machines					
TruTool C 160 (2A5)	6,0	1.5	67	78	3
TruTool C 160 (2B5)	6,0	1.5	67	78	3
TruTool C 200 (2A5)	7,4	1.5	69	80	3
TruTool C 250 (3B5)	8,5	1.5	69	80	3
TruTool S 114 (2A5)	5.4	1.5	70	81	3
TruTool S 160 (2A5)	7.6	1.5	69	80	3
TruTool S 250 (3A5)	11,8	1,5	71	82	3
TruTool N 160 (2A5)	10	1,5	90	101	3
TruTool N 160 (2A5) with extension	10	1.5	90	101	3
TruTool N 200 (3A5)	6,3	1,5	96	107	3
TruTool PN 200 (3A5)	7,2	1,5	93	104	3
TruTool PN 201 (3A5)	5,8	1,5	94	105	3
TruTool TF 350 (3A5)	2	1.5	73	84	3

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

# **TRUMPF**

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