

TRUMPF



Catalogue

Electric- and cordless Power Tools



Solid tool.
Solid result.

The right tool for every industry

Professional sheet metal fabricators in many industries around the world rely on user-friendly electric- and cordless Power 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.

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TRUMPF fiber composite nibbler

The benefits of nibbling technology can now also be exploited for different fibre composite materials, such as carbon fibre, fibreglass or even aramid fibre composite materials. With the TruTool FCN 250 Fiber Composite Nibbler, you will be able to cut components with up to 2.5 millimeter material thickness.



Particular strengths:

- **Broad range of applications**

The fiber composite nibbler enables you to process CFRP, GFRP, AFRP, thermosetting plastics and thermo plastics.

- **Exceptional cut quality**

No delamination or fraying due to the slitting process.

- **Health-conscious working**

Cold process without smoke. No harmful formation of dust.

- **Complete processing freedom**

You can cut flexibly in any direction you need thanks to the 360° tool.

Overview Fibre composite nibbler

Tips:

- The cutting tools are made of high tensile materials. Good cutting results, long tool life and low operating costs are the result. If you mainly process CFRP, select the specially designed punches and dies.

Overview fiber composite nibbler TruTool

FCN 250



Technical data		
Max. material thickness CFRP, GFRP, AFRP	mm	2.5
Start hole diameter	mm	17
Smallest radius	mm	4.3
Working speed	m/min	1.3 - 1.7
Weight	kg	1.8
Product features		
Perfect cutting edge without fraying		X
Cuts all common fiber composite materials, even aramide		X
Low dust formation and without smoke		X
Contry / order numbers		
DE		2086919
CH		2294163
GB		2294166
USA		2294168

TruTool FCN 250



Technical data		
Max. material thickness *CFRP/GFRP/AFRP	mm	2.5
Start hole diameter	m/min	17
Smallest radius	mm	4.3
Working speed up to	m/min	1.7
Rated input power	W	550
Weight	kg	1.8
Length/width	mm	267/155

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

Included accessories

Die, punch, punch guide, TORX screwdriver, TRUMPF Box S1

Product features

- Dimensionally accurate cutting, clean cutting edges
- Minimal dust formation for health-friendly working
- Fast and fatigue-free working
- Machine ready to use in no time without any adjustment
- Highest curve maneuverability - thanks to hollow round punch
- Tool-free punch and die change

Consumables

Punch standard	Die standard	Die for suction unit	Punch guide standard	Punch guide for stencil cutting	Set (2x punch, 1x die)
2306491 1 piece 2306492 set of 5	2307263 1 piece 2306494 set of 2	2322870 1 piece 2322881 set of 2	2306496	2322882	2306495 set of 1

Consumables

Punch	1 piece 2306491	set of 5, 2306492
Punch CFRP	1 piece 2507550	set of 5, 2507572
Die	1 piece 2307263	set of 2, 2306494
Die CFRP	1 piece 2507647	set of 2, 2507645
Die for suction unit	1 piece 2322870	set of 2, 2322881
Die for suction unit CFRP	1 piece 2507649	set of 2, 2507650
Punch guide standard		2306496
Punch guide for stencil cutting		2322882
Set standard (2x punch, 1x die)		2306495
Set CFRP (2x punch CFRP, 1x die CFRP)		2507342

Accessories

Tool (punch guide, punch, die)	2307264
Suction unit for chips	2294435
TORX screwdriver PB 410	1775531
TRUMPF Box S1	1763681



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

Akku/Battery

5 Jahre Garantie
Years warranty

3 Jahre Garantie
Years warranty

Legend

You can find the symbols on the machine pages

-  **12V LiHD**
LiHD Technology
Battery-powered machines with 12V drive.
-  **18V LiHD**
LiHD Technology
Battery-powered machines with 18V drive.
-  **BL Motor**
Brushless motor
Low-wear and tear motor for maximum longevity.
-  **Quick & Easy**
Quick & Easy
Quick and easy tool change.
-  **2x**
Several times rotatable
The cutters can be turned twice and ensure a long service life.
-  **4x**
Several times rotatable
The cutters can be turned 4 times and ensure a long service life.
-  **2x**
Turnable and regrindable several times
Cutting tools up to 2-fold turnable and regrindable. For long service life.
-  **4x**
Turnable and regrindable several times
Cutting tools up to 4-fold turnable and regrindable. For long service life.
-  **TruTool**
Low-vibration
Minimal vibration values and highest user friendliness.
-  **Rotating punch**
Ensures regular wear and long service life.
-  **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 (only for 230 V machines).
-  **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.

Overview TRUMPF Boxes and inserts

Type	S1	S2	M2	M3	L2	Insert	Order number
Order number	1763681	1763682	1770890	1770951	1763686		
External dimensions HxWxL mm:	105 x 396 x 296	158 x 396 x 296	158 x 496 x 296	210 x 496 x 296	158 x 596 x 396		
Internal dimensions HxWxL mm:	75 x 383 x 273	128 x 383 x 267	128 x 483 x 267	180 x 483 x 267	124 x 545 x 330		
Weight kg:	1.3	1.5	1.9	2.1	3.4		

Electric machines

TruTool C 250	X					S 102	1771093
TruTool S 250	X					S 102	1771093
TruTool S 450			X			M 202	1771097
TruTool N 200	X					S 102	1771093
TruTool N 350				X		M 201	1771096
TruTool N 500				X		M 201	1771096
TruTool N 700					X	L 201	1771102
TruTool PN 200	X					S 102	1771093
TruTool PN 201			X			M 205	2282145
TruTool F 125	X					S 102	1771093
TruTool F 140		X				S 201	1771099
TruTool F 300				X		M 301	1771100
TruTool F 301				X		M 301	1771100
TruTool TKA 700				X		M 203	1771098
TruTool TKF 700				X		M 201	1771096
TruTool FCN 250	X					S 102	1771093

Battery machines

TruTool C 160		X				S 202	2578290
TruTool C 200		X				S 204	2578313
TruTool C 250		X				S 204	2578313
TruTool S 114		X				S 202	2578290
TruTool S 160		X				S 202	2578290
TruTool S 250		X				S 204	2578313
TruTool N 160 / N 160 with extension		X				S 203	2578312
TruTool N 200		X				S 204	2578313
TruTool PN 200		X				S 204	2578313
TruTool PN 201			X			M 207	2578315



TRUMPF Box S1 TRUMPF Box S2 TRUMPF Box M2 TRUMPF Box M3 TRUMPF Box L2

Overview packaging

Type	Carrying case 2277078	Carrying case 1798090	Carrying case 2614044	Carrying case 2398010
Order number	2277078	1798090	2614044	2398010
External dimensions HxWxL mm:	550x670x240	460x270x550	460x200x570	
Weight kg:	5.2	4.3	5.2	5.2

TruTool N 1000	X			
TruTool TPC 165		X		
TruTool TF 350			X	
TruTool TKA 1500				X
TruTool TKF 1500	X			

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.

Noise and Vibrations Information

Type	Vibration emission value a_h (vector sum of three directions) a_h [m/s ²]	Uncertainty for vibration emission value k [m/s ²]	A-assessed sound pressure level L_{pa} [dB(A)]	A-assessed sound power level L_{wa} [dB(A)]	Uncertainty for noise emission values 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

Noise and vibration information					
Type	Vibration emission value ah (vector sum of three directions) ah [m/s ²]	Uncertainty for vibration emission value k [m/s ²]	A-assessed sound pressure level Lpa [dB(A)]	A-assessed sound power level Lwa [dB(A)]	Uncertainty for noise emission values 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

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

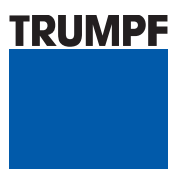
TRUMPF offers worldwide repair service centers. Please contact your regional sales office so that repairs can be made by our trained specialists.

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.

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

Order no. 1272249_2022_04 – subject to change



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