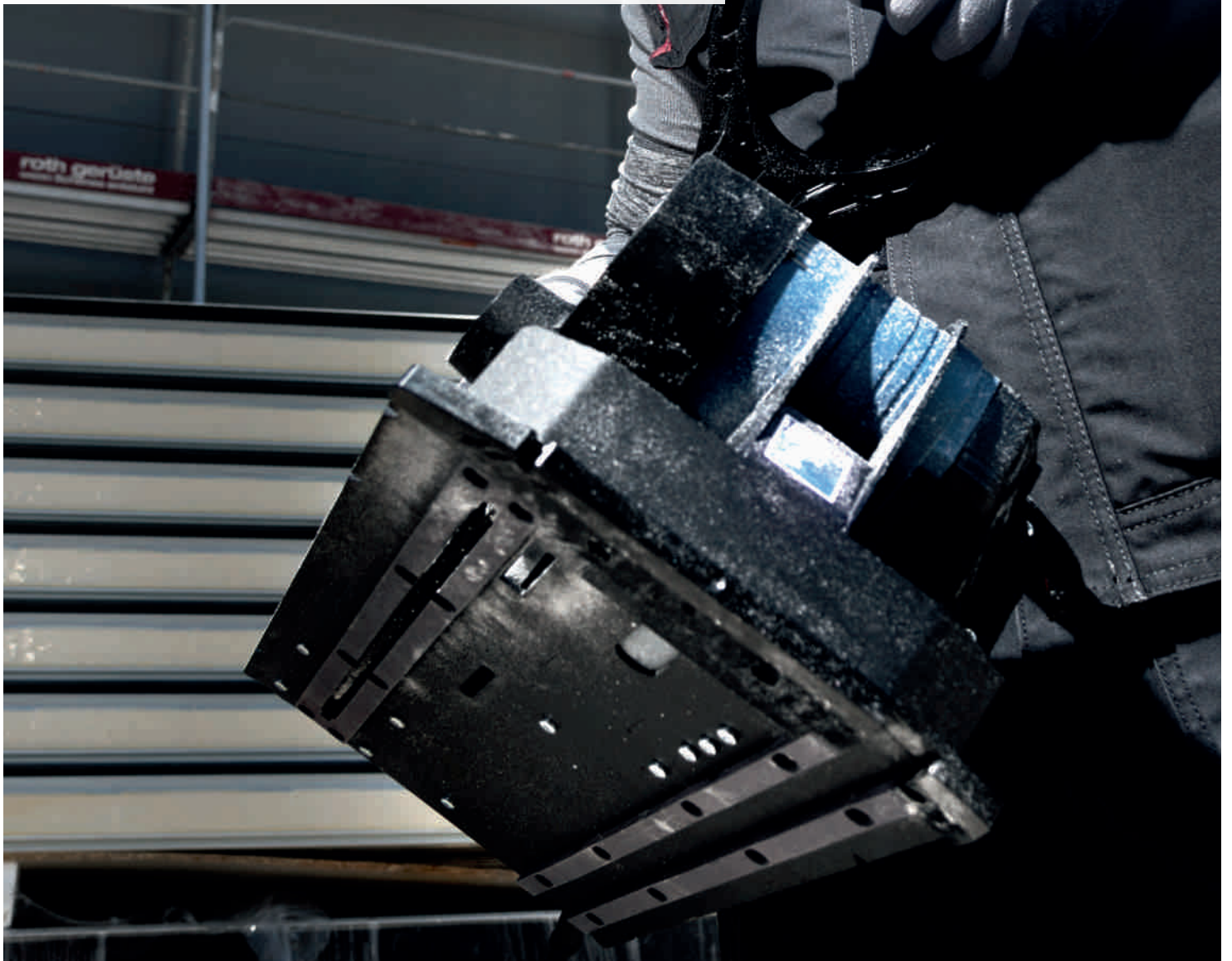


TRUMPF



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 Power fasteners

Whether in ventilation and air conditioning technology, or the construction of containers or apparatus, joining is the most simple and economical method for connecting two metal parts.



Particular strengths:

- **Perfect connection**

For strong, resistant and corrosion-resistant joints in one operation.

- **User and environmentally friendly**

Low-vibration and quiet operation. The process is also emission-free.



- **No connecting elements**

You do not need screws or rivets; interference contours are therefore avoided.

- **Minimum preparation time**

The power fastener can be adapted to the desired application quickly and without problems.

Overview power fasteners



Tips:

- As versatile as your applications: The power fasteners can also be ordered without a mounted punch and die and in this way can be fitted in an entirely individual way. If your total sheet thickness is exactly between two die sizes, select the smaller one.

Overview power fasteners TruTool

TF 350



Technical data		
Max. sheet thickness		
Steel 400 N/mm ²	mm	3.5
Max. locking power	kN	25
Max. stroke power	1/s	2
Weight	kg	8.3
Product features		
Can be ordered without tool		X
Powerful motor 1700 W		X
Brushless motor		X
Country / order number		
DE	with tool without tool	2598675 2598680
CH	with tool without tool	2598676 2598681
GB	with tool without tool	2598677 2598682
USA	with tool without tool	2598678 2598683

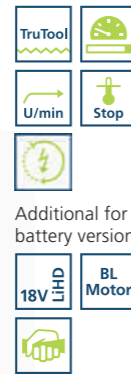
Overview power fasteners TruTool

TF 350
LiHD battery 18V



Technical data		
Max. sheet thickness		
Steel 400 N/mm ²	mm	3.5
Max. locking power	kN	25
Max. stroke power	1/s	2
Weight	kg	7.8
Product features		
Can be ordered without tool		X
Powerful motor 1700 W		X
Brushless motor		X
Country / order number		
DE	with tool without tool	2525341 2537917
CH	with tool without tool	2525341 2537917
GB	with tool without tool	2534924 –
USA	with tool without tool	2534923 –
Solo	(without battery and charger) with tool	2534925 –

TruTool TF 350 / TruTool TF 350 LiHD battery 18V



Additional for battery version



Technical data		
Max. sheet thickness		
Steel 400 N/mm ²	mm	3.5
Steel 600 N/mm ²	mm	2.5
Aluminium 250 N/mm ²	mm	4
Minimum sheet thickness	mm	0.8
Maximum locking power	kN	25
Maximum stroke power	1/s	2
Edge distance	mm	8–58
Straight flange height maximum	mm	36
Rated input power (electric)	W	1700
Voltage (battery)	V	18
Weight (electric)	kg	8.3
Weight (with battery)	kg	8
Length/height (electric)	mm	411/358
Length/height (battery)	mm	454/358

Included accessories (version with tool)

Punch, tilting arm for punch, die arm fixed no. 3, stripper for straight sheets, stripper for ducts, hex head wrench SW 3, SW 5, and SW 6, grease gun G1, box for small parts, carrying case TF 350

Additional for battery version: 2x battery 18V LiHD 4 Ah, charger LG 12V–36V

Product features

- Rapid stroke rate – up to 120 joining points per minute
- Consistently high joining quality on both coated and uncoated surfaces
- Machine can be ordered with or without tools to facilitate individual configuration

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

Punch	Die 1	Die 2	Die 2+	Die 3-	Die 3
1884902 1 piece 1264160 set of 2	0111969	0111968	0122272	1884875	0111967

Consumables

Punch	1 piece 1884902	set of 2, 1264160
Die 1	sheet thickness 0.8–1.5 mm	0111969
Die 2	sheet thickness 1.6–2 mm	0111968
Die 2+	sheet thickness 2.1–2.5 mm	0122272
Die 3-	sheet thickness 2.6–3 mm	1884875
Die 3	sheet thickness 3.1–3.5 mm	0111967
Stripper for straight sheets		1884874
Stripper for ducts		0112929
Plate		1884876
Plate for ducts		0243189
Grease gun	filled with G1	1398728
Lubricating grease G1	25 g	0344969
Lubricating grease G1	900 g	0139440
Punch and nibble oil für steel	500 ml	0103387
Punch and nibble oil for aluminium	1000 ml	0125874

Accessories

Tilting arm for punch, cpl.		0128748
Punch arm, cpl.		0118129
Tilting arm for die 1, cpl.	sheet thickness 0.8–1.5 mm	0128792
Tilting arm for die 2, cpl.	sheet thickness 1.6–2 mm	0128793
Tilting arm for die 2+, cpl.	sheet thickness 2.1–2.5 mm	0129723
Tilting arm for die 3-, cpl.	sheet thickness 2.6–3 mm	0129724
Tilting arm for die 3, cpl.	sheet thickness 3.1–3.5 mm	0128794
Fixed arm for die 1, cpl.	sheet thickness 0.8–1.5 mm	0118130
Fixed arm for die 2, cpl.	sheet thickness 1.6–2 mm	0118131
Fixed arm for die 2+, cpl.	sheet thickness 2.1–2.5 mm	0129763
Fixed arm for die 3-, cpl.	sheet thickness 2.6–3 mm	0129764
Fixed arm for die 3, cpl.	sheet thickness 3.1–3.5 mm	0118132
Plate spring		0030678
Spring element, cpl.		0249303
Rotating assembly		0976671

Accessories		
Working station	for fixed machines	1224803
Hex head wrench SW 6	0067865	1398728
Hex head wrench SW 5	0373324	0344969
Hex head wrench SW 3	0067830	0139440
Carrying case		2614044

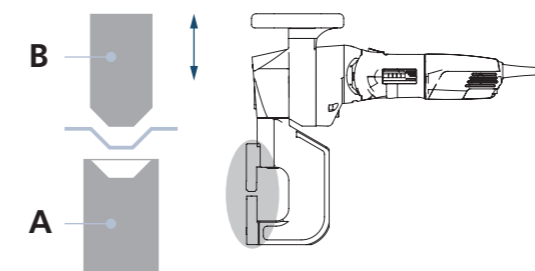
Additional for battery version	
Battery 18V LiHD 4 Ah	2598811
Charger LG 12V–36V D / CH	2569784
Charger LG 12V–36V GB	2569786
Charger LG 12V–36V USA	2569785

Select tool

Depending on the application, the TruTool TF 350 can be fitted with tools in various ways. Depending on the material type and thickness, various dies types are available.

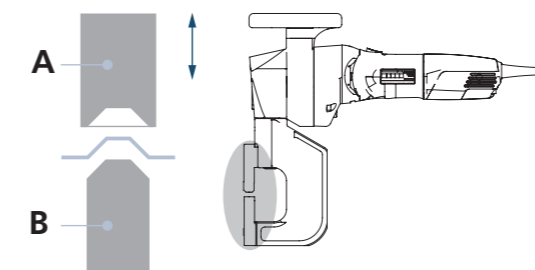
If your total sheet thickness is exactly between two die sizes, choose the smaller one.

A special tool holder (= fixed arm or tilting arm), serving as the matrix receiver belongs to every matrix type.



1. Select material
2. Select sheet thickness
3. Select tool above (B):
 - fixed arm for punch, cpl. or
 - tilting arm for punch, cpl.
4. Select tool below (A):
 - fixed arm for die

	Material	Sheet thickness in mm				
		0.8–1.5	1.6–2	2.1–2.5	2.6–3	3.1–3.5
1	Steel 400 N/mm ²	0.8–1.5	1.6–2	2.1–2.5	2.6–3	3.1–3.5
	Steel 600 N/mm ²	0.8–1.5	1.6–2	2.1–2.5		
	Aluminium up to 250 N/mm ²	0.8–1	1.1–2	2.1–3	3.1–4	
	Die arm	1	2		3	
	Die	No. 1 0111969	No. 2 0111968	No. 2+ 0122272	No. 3- 1884875	No. 3 0111967
4	Fixed arm for die, cpl.	No. 1 0118130	No. 2 0118131	No. 2+ 0129763	No. 3- 0129764	No. 3 0118132
3	Fixed arm for punch, cpl.			0018129		
	Tilting arm for punch, cpl.			0128748		



1. Select material
2. Select overall material thickness
3. Select tool above (A):
 - tilting arm for die cpl. or
 - fixed arm for die cpl.
4. Select tool below (B):
 - fixed arm for punch

	Material	Sheet thickness in mm				
		0.8–1.5	1.6–2	2.1–2.5	2.6–3	3.1–3.5
1	Steel 400 N/mm ²	0.8–1.5	1.6–2	2.1–2.5	2.6–3	3.1–3.5
	Steel 600 N/mm ²	0.8–1.5	1.6–2	2.1–2.5		
	Aluminium up to 250 N/mm ²	0.8–1	1.1–2	2.1–3	3.1–4	
	Die arm	1	2		3	
	Die	No. 1 0111969	No. 2 0111968	No. 2+ 0122272	No. 3- 1884875	No. 3 0111967
3	Tilting arm for die, cpl.	No. 1 0128792	No. 2 0128793	No. 2+ 0129723	No. 3- 0129724	No. 3 0128794
	Fixed arm for die, cpl.	No. 1 0118130	No. 2 0118131	No. 2+ 0129763	No. 3- 0129764	No. 3 0118132
4	Fixed arm for punch, cpl.			0118129		



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)



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