

TruTool:
Beveller

TruTool TKF 2000
with / without forward feed



20 mm fiber lengths in one work step

The new TruTool TKF 2000 beveller is the first beveller that can produce bevelled lengths up to 20 mm in steel and aluminum in one work step. The innovative specialized tool is especially notable for its high surface quality, productivity and zero emissions. The new tool is modular in design and can be equipped with or without an automatic forward feed. The customer's intended application is the deciding factor. If long straight metal sheets have to be bevelled, we always recommend the automatic forward feed. Placed on the sheet, the machine with automatic forward feed operates on its own

and requires no manual feed. At the same time, the beveller works at its set speed and you only have to monitor it during the cutting process. On the other hand, if curved edges are frequently required or if inner cut-outs have to be processed, we recommend doing without the automatic forward feed. Thanks to its modular design, the tool can be easily adapted or retrofitted to meet changing needs later on. With the purchase of a corresponding standard module, users can upgrade the tool themselves.

Flawless edge welding

For many users, the quality of the weld edge is uppermost because it is the foundation for smooth weld seams. And this is exactly what TruTool TKF 2000 does: emission-free and oxide-

free cutting edges that really cannot be produced at this high quality with any other process. The base height remains entirely level and the edges require no finishing work.

The benefits at a glance

- 1 Welding seam preparation in a single step
- 2 Emission- and oxide-free edges
- 3 Simple to adjust
- 4 Regrindable cutting tools
- 5 Highest flexibility



Machines compared to:



TruTool TKF 2000 with forward feed
Processing of straight edges on long sheet metals.



TruTool TKF 2000
For curved edges with radii and inner cut-outs.

Conversion into manual drive module resp. forward feed module is easily possible.

Applications:

Automobile manufacturing, freight car and ship construction, container construction, metal construction

Technical datas:

	TruTool TKF 2000	TruTool TKF 2000 with forward feed
Bevel angles:	20 – 55 °	20 – 55 °
Max. bevel length (ls), steel 400 N/mm ² :	20 mm	20 mm
Max. bevel length (ls), steel 500 N/mm ² :	16 mm	16 mm
Max. bevel length (ls), aluminium 250 N/mm ² :	20 mm	20 mm
Sheet thickness:	10 – 50 mm	10 – 50 mm
Working speed:	max. 1,4 m / min.	max. 1,4 m / min
Smallest radius:	125 mm	500 mm
Rated input power:	2500 W	2500 W
Strokes at nominal load:	200 1/min	200 1/min
Weight:	32 kg	46 kg

Wear parts:

			Included:
Cutting tool Highquality	integrated		■
Cutting tool Highquality	Set of 2: 1696051	Set of 5: 1696053	
Cutting tool Longlife	Set of 2: 1696055	Set of 5: 1696057	
Glide box	integrated	1685242	
Lubricating grease „S1“	250 g	0385478	
Lubricating grease „S1“	1000 g	0342887	
Punch and nibble oil for aluminium	Bottle 1000 ml	0125874	
Punch and nibble oil for steel	Bottle 500 ml	0103387	■

Accessory:

			Included:
Hex head wrench SW 8	8 mm	1651068	■
Hex head wrench SW 5	5 mm	0965848	■
Setting gauche cutting tool		1650350	■
Grease gun	Filled with „S1“	0385477	■
Hip hanger coupling	For TruTool TKF 2000	1692836	■
Automatic forward feed module	For TruTool TKF 2000	1697236	
Manual drive module	For TruTool TKF 2000 with forward feed	1707301	
Machine stand		1688964	
Chip box		1606265	
Work station with stand	Adapter, no.1653115: must be ordered separately	0005079	
Work station without stand	Adapter, no. 1653115: must be ordered separately	1343474	
Stand		0003677	
Adapter	For work station No. 0005079 and 1343474	1653115	

Order numbers:

TruTool TKF 2000	TruTool TKF 2000 with forward feed
1653036 230V 50 Hz D	1629617 230V 50 Hz D
1686773 230V 50 Hz CH	1686748 230V 50 Hz CH



Cutting tool Highquality

Designed for perfect bevel quality to meet the highest demands.



Chip box

Space for 5 - 6 meter bevel length.



Cutting tool Longlife

Designed for long service life.



Machine stand

Secure machine storage.



Automatic forward feed module

For TruTool TKF 2000.
Can be retrofitted at any time.



**Working station
TruTool TKF 2000**

Ideal for processing small parts in stationary use and for processing rod material.



Manual drive module

For TruTool TKF 2000 with forward feed. Can be retrofitted at any time.



Adapter

For work station No. 0005079 and 1343474

Your local distributor:

TRUMPF is certified according to ISO 9001:2008
(further informations see www.trumpf.com/company/quality)

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