



TruBend:

More bending
freedom.

Why TruBend is better.



Precise results whatever the format.

The right machine for every part geometry.

TruBend bending machines enable you to process parts of any geometry economically and with high-quality results. The advantages for your business include:

- Wide choice of machine configurations.
- Numerous press forces and working lengths.
- Choice of air bending, bottom bending, and precision-angle bending.
- Exact positioning thanks to 2-, 3-, 4-, 5- or 6-axis backgauge systems.



The BendGuard can easily be pushed to the rear making it possible to load from the side.



Cost-effective bending thanks to high productivity.

TruBend machines enable you to minimize your cost per part. Several factors contribute to this cost-saving effect:

- High axis and working speeds.
- Minimum tool setup time.
- Automatic tool clamping systems.
- Energy-efficient drives.
- BendGuard: Maximum speed and optimum safety.



The MobileControl reduces the need to walk around.



The OCB accelerates angle measurement.

TruBend Series 8000

TruBend Series 8000:
Benefits at a glance.

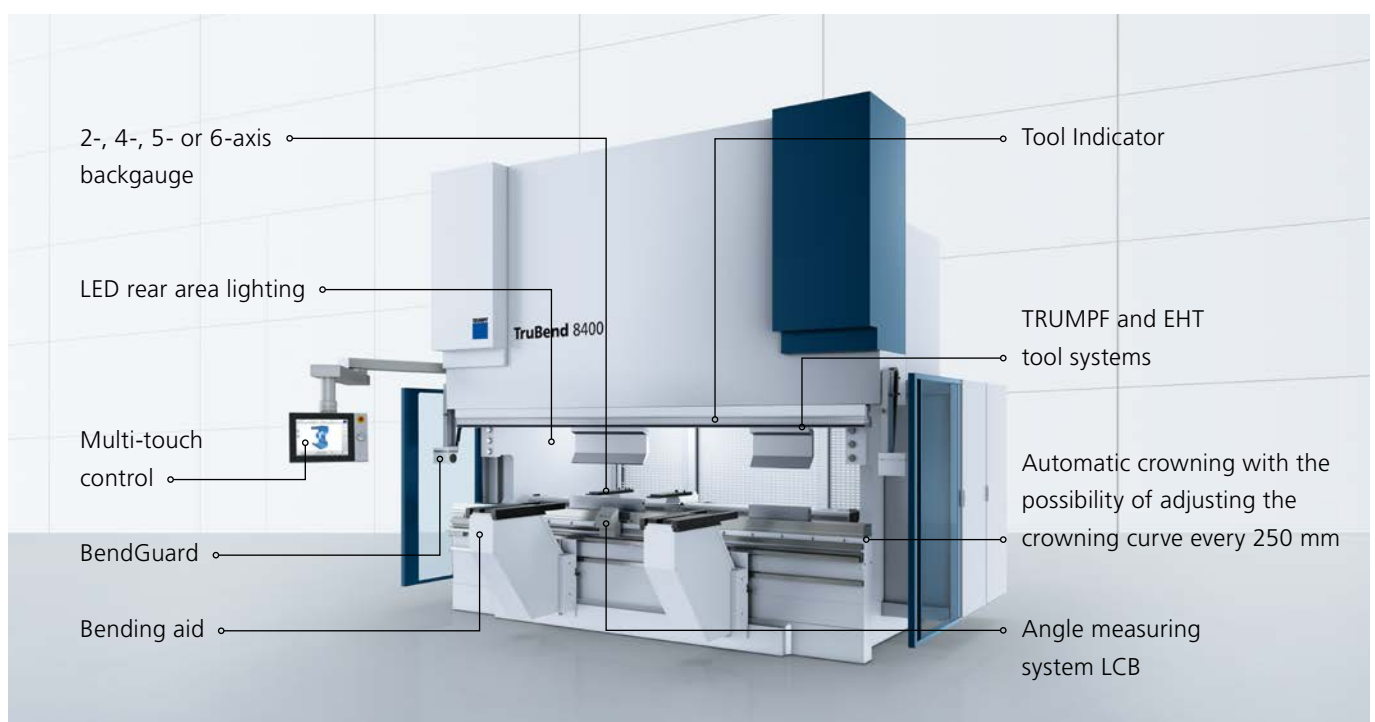
- 1 Bends oversized parts.
- 2 Can handle up to 6,000 kN/m.
- 3 Precise angles from the very first part.
- 4 Designed with the operator in mind.
- 5 Surface-mounted machines up to 6 m.

Designed for special cases.

The TruBend Series 8000 is a great choice if you're looking for high precision and versatility, a generous open height, and press forces of up to 1,000 t.

With a length of up to 8 m, these machines can be used to process extra-large parts or bend smaller workpieces at multiple tool stations.

Another benefit of the TruBend Series 8000 is that the machines can partly be mounted directly on the floor, eliminating the need for expensive foundations.



Concentrated power.

The TruBend Series 8000 comes with a sophisticated automatic crowning system. It even lets you selectively tailor the crowning curve to your specific bending task every 250 mm.



Automatic crowning.

Precise angles from the very first part.

The user-friendly Laser Controlled Bending (LCB) angle measuring system ensures you get exactly the right angle from the very first part of every new series. The optical system works independently of the tool selected.



Angle measuring system LCB.

Designed with the operator in mind.

The multi-touch display makes the machine easy and intuitive to use. Useful functions such as MobileControl and Tool Indicator reduce the necessary walking and keep non-productive time to a minimum. Each bending aid enables you to process parts weighing up to 300 kg.



Bending aids.



Multi-touch control.

Do you need even more bending force, a greater bending length or a customized bending machine? Whatever the application you want to implement, TRUMPF Werkzeugmaschinen Teningen GmbH offers tailor-made solutions to meet your needs.



Technical data

	TruBend 8230	TruBend 8320	TruBend 8400	TruBend 8500	TruBend 8600	TruBend 8800	TruBend 8010
Press force	2300 kN	3200 kN	4000 kN	5000 kN	6000 kN	8000 kN	10000 kN
Bending length	5050/ 6050 mm	5050/ 6050 mm	4050/5050/ 6050 mm	4050/5050/ 6050 mm	4050/5050/ 6050 mm	6050/7050/ 8050 mm	6050/7050/ 8050 mm
Width between columns	4050/ 5050 mm	4050/ 5050 mm	3550/4050/ 5550 mm	3050/4050/ 5050 mm	3050/4050/ 5050 mm	5050/6050/ 7050 mm	5050/6050/ 7050 mm
Surface-mounted	Yes	Yes	Yes/Yes/-	Yes/-/-	-	-	-
Maximum table/ beam distance	620/820 ^[1] / 1020 ^[1] mm	620/820 ^[1] / 1020 ^[1] mm	620/820 ^[1] / 1020 ^[1] mm	620/820 ^[1] / 1020 ^[1] mm	620/820 ^[1] / 1020 ^[1] mm	820/ 1020 ^[1] mm	820/ 1020 ^[1] mm
Usable open height ^[2]	475/675 ^[1] / 875 ^[1] mm	475/675 ^[1] / 875 ^[1] mm	475/675 ^[1] / 875 ^[1] mm	475/675 ^[1] / 875 ^[1] mm	475/675 ^[1] / 875 ^[1] mm	675/ 875 ^[1] mm	675/ 875 ^[1] mm
Throat	420/620 ^[1] mm	420/620 ^[1] mm	420/620 ^[1] mm	420/620 ^[1] mm	420/620 ^[1] mm	420/620 ^[1] mm	420/620 ^[1] mm
Operating height	1165 mm	1165 mm	1065/1165/ 1065 mm	1015 mm	1015 mm	1015 mm	965 mm
Inclination of beam	± 10 mm	± 10 mm	± 10 mm	± 10 mm	± 10 mm	± 10 mm	± 10 mm

Speeds

Y rapid	220 mm/s	150 mm/s	170 mm/s	160 mm/s	120 mm/s	140 mm/s	100 mm/s
Y working	10 mm/s	10 mm/s	10 mm/s	10 mm/s	9 mm/s	10 mm/s	8 mm/s
Y return traverse speed	220 mm/s	150 mm/s	170 mm/s	160 mm/s	120 mm/s	140 mm/s	100 mm/s
X axis ^[3]	1200 mm/s	1200 mm/s	1200 mm/s	1200 mm/s	1200 mm/s	1200/800/ 800 mm/s	1200/800/ 800 mm/s
R axis ^[3]	200 mm/s	200 mm/s	200 mm/s	200 mm/s	200 mm/s	200/140/ 140 mm/s	200/140/ 140 mm/s
Z axis ^[3]	1200 mm/s	1200 mm/s	1200 mm/s	1200 mm/s	1200 mm/s	1200/800/ 800 mm/s	1200/800/ 800 mm/s

Precision

Y axis	0.01 mm	0.01 mm	0.01 mm	0.01 mm	0.01 mm	0.01 mm	0.01 mm
X axis ^[3]	0.02 mm	0.02 mm	0.02 mm	0.02 mm	0.02 mm	0.02 mm	0.02 mm
R axis ^[3]	0.05 mm	0.05 mm	0.05 mm	0.05 mm	0.05 mm	0.05 mm	0.05 mm

Working range

Y axis stroke	300/500 ^[1] / 700 ^[1] mm	300/500 ^[1] / 700 ^[1] mm	300/500 ^[1] / 700 ^[1] mm	300/500 ^[1] / 700 ^[1] mm	300/500 ^[1] / 700 ^[1] mm	500/ 700 ^[1] mm	500/ 700 ^[1] mm
Travel path X axis ^[3]	600 mm	600 mm	600 mm	600 mm	600 mm	600 mm	600 mm
Max. gauge area ^[3] in X	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm
Travel path R axis ^[3]	200 mm	200 mm	200 mm	200 mm	200 mm	200 mm	200 mm

User Control	T8000T Multi-Touch	T8000T Multi-Touch	T8000T Multi-Touch	T8000T Multi-Touch	T8000T Multi-Touch	T8000T Multi-Touch	T8000T Multi-Touch
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Connection values

Connected load	35 kVA	44 kVA	53 kVA	62 kVA	74 kVA	97 kVA	97 kVA
Oil capacity	400 l	400 l	600 l	600 l	700 l	1000 l	1000 l

Dimensions and weight on request

^[1] Figure relates to extended version (optional).

^[2] TRUMPF tool system.

^[3] Figures refer to 2-, 4- and 5-axis backgauge.

Subject to alteration. Only specifications in our offer and order confirmation are binding.

TRUMPF is certified according to ISO 9001:2008
(for further information see www.trumpf.info/quality)

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