

TruTops Boost

TruTops Boost with TecZone Bend

On the machine,
in the office,
one user interface



TecZone Bend



TecZone Bend

**Programming on the machine –
everything under control**

Intuitive handling

The graphic user interface enables fast and simple programming on the machine. All relevant bending parameters are included, and the user is guided safely through the program. Automatically created 3D simulations illustrate the process for the operator.

Ultimate performance

Within seconds TecZone Bend calculates programs and carries out a collision monitoring in real time. Hence, it is possible to carry out complex process steps securely, precisely and fast on the machine, without losing track.

Less setup time

TecZone Bend allows for the optimization of setup plans making their use possible for many programs. With the prioritization of tools, favored tool lists and the optimization of setups, the workload for the operator is reduced considerably, and the machine is used more productively.

TruTops Boost

**Programming in the office –
everything at a glance**

Ideal integration

Unfold complex 3D parts with TruTops Boost and breakdown assemblies into individual components. In one easy step, you can unfold and create bending programs, the information from which can also be used for programming cutting solutions for punching machines.

Automatic adjustment

Changes to parts which may have occurred in the program due to a tool change on the machine flow directly back into the design and can be adopted automatically by the cutting solution. Hence even when changes occur, you process reliably.

Multiple machines

TruTops Boost allows you to create NC programs for multiple bending machines so that you always have the right bending program for flexible production planning.



TruBend Cell 5000: Automated programming in record time

Are you already familiar with the latest generation of our bending cell TruBend Cell 5000? Now you can also use TruTops Boost with TecZone Bend or TecZone Bend as the stand-alone version to program this machine. Both versions enable you to program bend parts or the BendMaster within seconds – much faster than was previously possible with automated bending. For example, with just one click, you can simply change conveyor belts, issue palettes or redefine stack heights.

Programming features for automated bending

- Collision monitoring and simulation are included in the program.
- If you already work with TecZone Bend, then the familiar TecZone Bend user interface will make working with the TruBend Cell 5000 particularly easy.
- Manual adjustment of gripper configuration, admission/storage location, or changes to the bending program are just some of the interactions that are always possible.



Tool Setup Optimizer: Less setup, more bending

The Tool Setup Optimizer for the TecZone Bend stand-alone version allows you to minimize the number of tool changes. This saves not only valuable time and effort – but also enables you to bend faster.

This is how the Tool Setup Optimizer works

The TecZone Bend programming software creates the program for your bend parts. The Tool Setup Optimizer checks for which parts the very same tools are required and how the tooling stations can best be combined. Hence you are able to bend the largest number of parts possible with just one clamping process.

Panel and die bending: Combine the programming

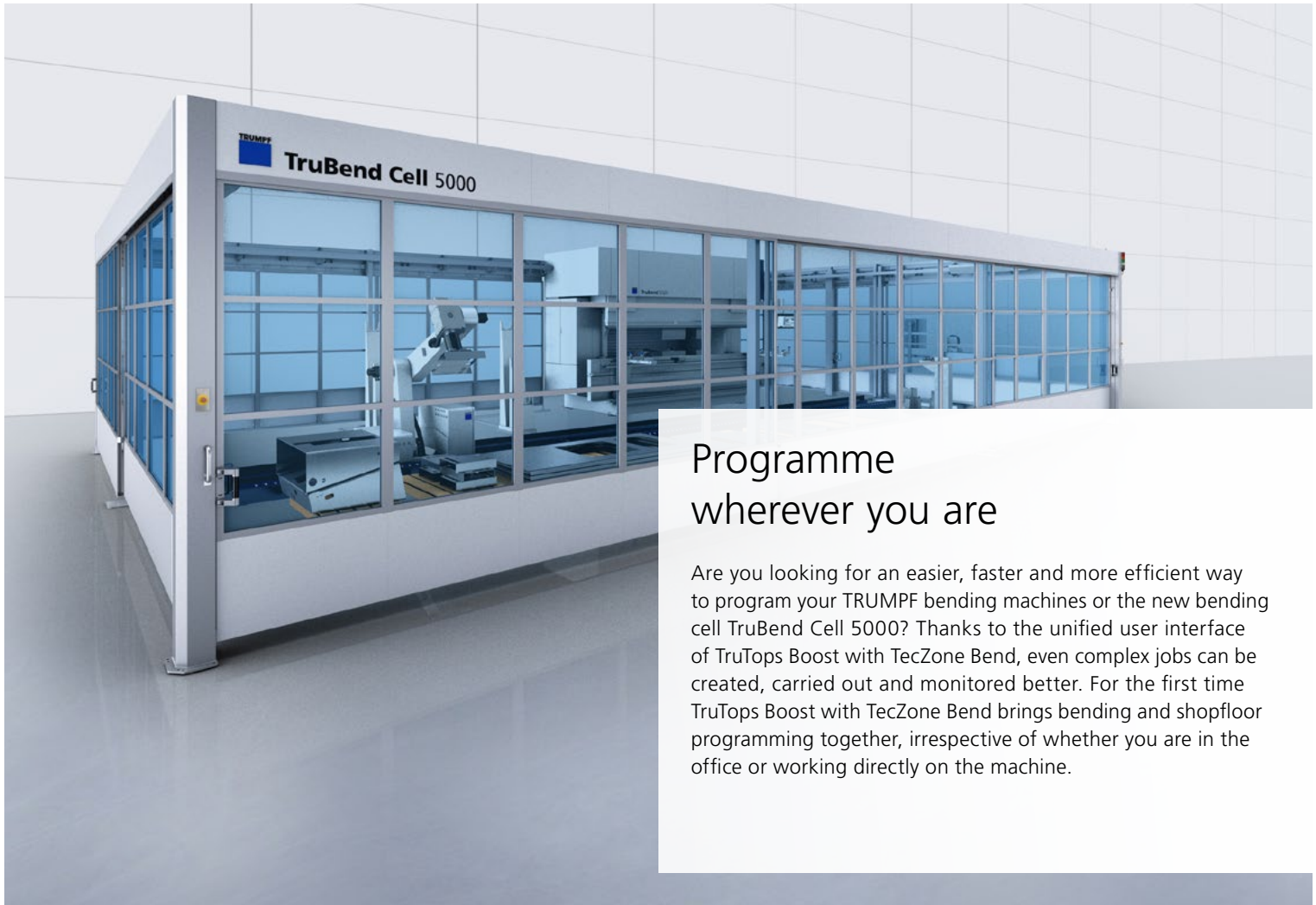
You can now combine the programming systems TecZone Bend for die bending and TecZone Fold for panel bending with just one click. This is ideal for those parts that you produce on manual panel and die bending machines – the extremely fast processing provided by both software solutions is always at hand.

Panel bending: Make use of automatism

In TruTops Boost automatism are included which help you create your bend programs exceptionally quick offline.



For more information about new features,
please contact us:
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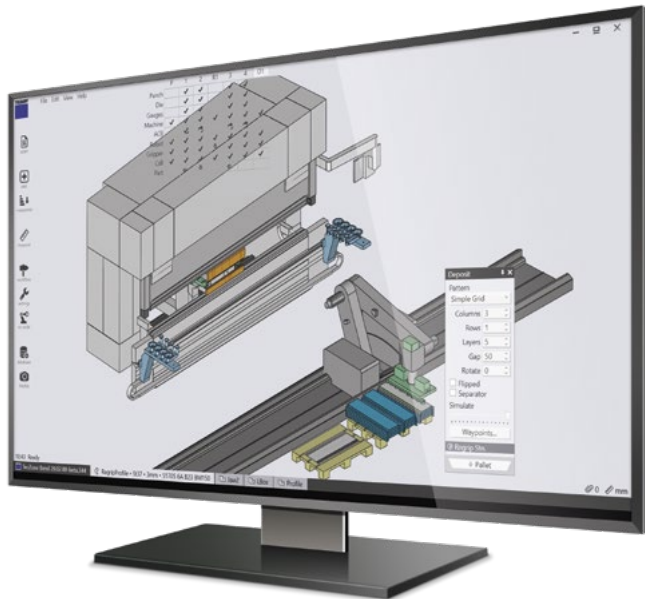
Programme wherever you are

Are you looking for an easier, faster and more efficient way to programme your TRUMPF bending machines or the new bending cell TruBend Cell 5000? Thanks to the unified user interface of TruTops Boost with TecZone Bend, even complex jobs can be created, carried out and monitored better. For the first time TruTops Boost with TecZone Bend brings bending and shopfloor programming together, irrespective of whether you are in the office or working directly on the machine.

TruTops Boost

Connected intelligence across all sheet metal production processes

TruTops Boost gives you a fast, order-driven solution for reliable programming of your cutting, bending and punching machines.



How does TruTops Boost optimize my processes?

■ Increased productivity

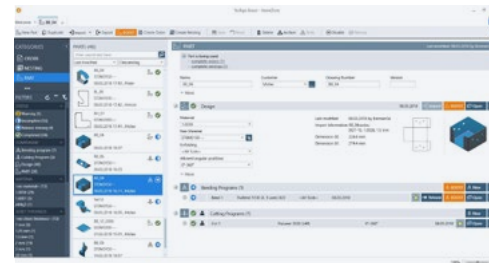
TruTops Boost connects your processes intelligently right from the initial order through to production. Dependencies between the creation of geometry, bending and cutting are recognized independently, thus optimizing the interplay with the machine.


■ Shortened overall runtimes

TruTops Boost uses automatism to simplify programming, thus making the whole process more efficient.

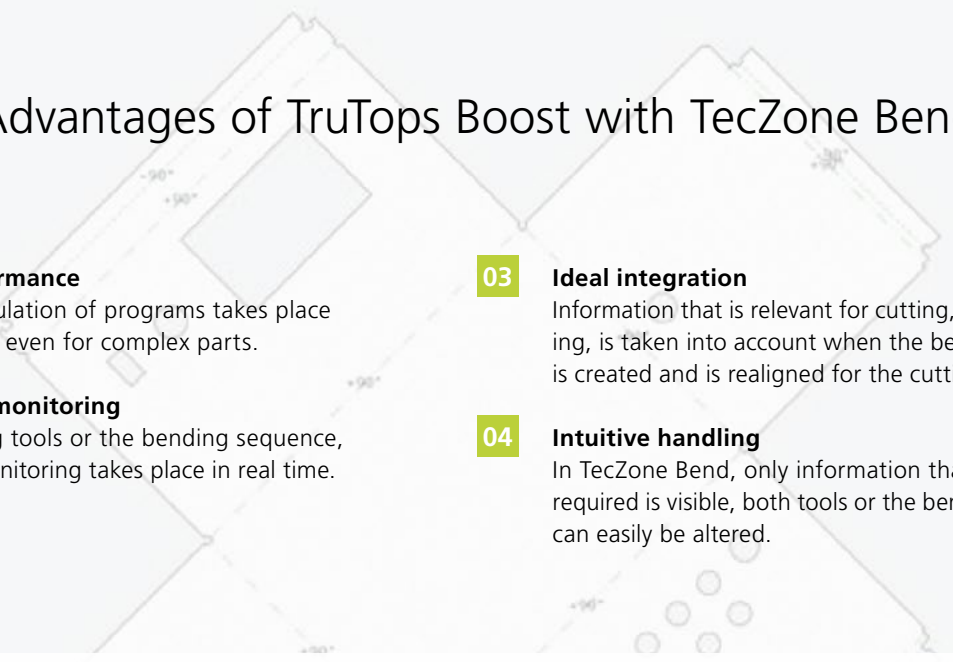
■ Enhanced process reliability

TruTops Boost always delivers the optimal unfolding as both upstream and downstream steps are automatically aligned if the process changes.





Advantages of TruTops Boost with TecZone Bend



01 Highest performance

Automatic calculation of programs takes place in just seconds, even for complex parts.

02 Fast collision monitoring

When changing tools or the bending sequence, the collision monitoring takes place in real time.

03 Ideal integration

Information that is relevant for cutting, such as forming, is taken into account when the bending program is created and is realigned for the cutting solution.

04 Intuitive handling

In TecZone Bend, only information that is actually required is visible, both tools or the bending sequence can easily be altered.



How do I get TecZone Bend?

Your stand-alone solution for bending

With TecZone Bend stand-alone, TRUMPF provides a solution for those customers who really have focussed on bending.

Program directly on the machine

TecZone Bend shop-floor programming is available as an option for your bending machine.

How do I get TruTops Boost with TecZone Bend?

Simply upgrade

Do you have a TRUMPF software service agreement? If so you will receive the new user interface via an update free of charge.

Buy now!

Secure your competitive advantage: TruTops Boost for programming your cutting, bending and punching machines.

TRUMPF is certified to ISO 9001
(Find out more: www.trumpf.com/s/quality)

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