

TORNOS

Thank you
for your loyalty
Happy birthday!



*This year is the DECO 10's
25th anniversary and we have
a surprise for you!*

DECO 10 Plus

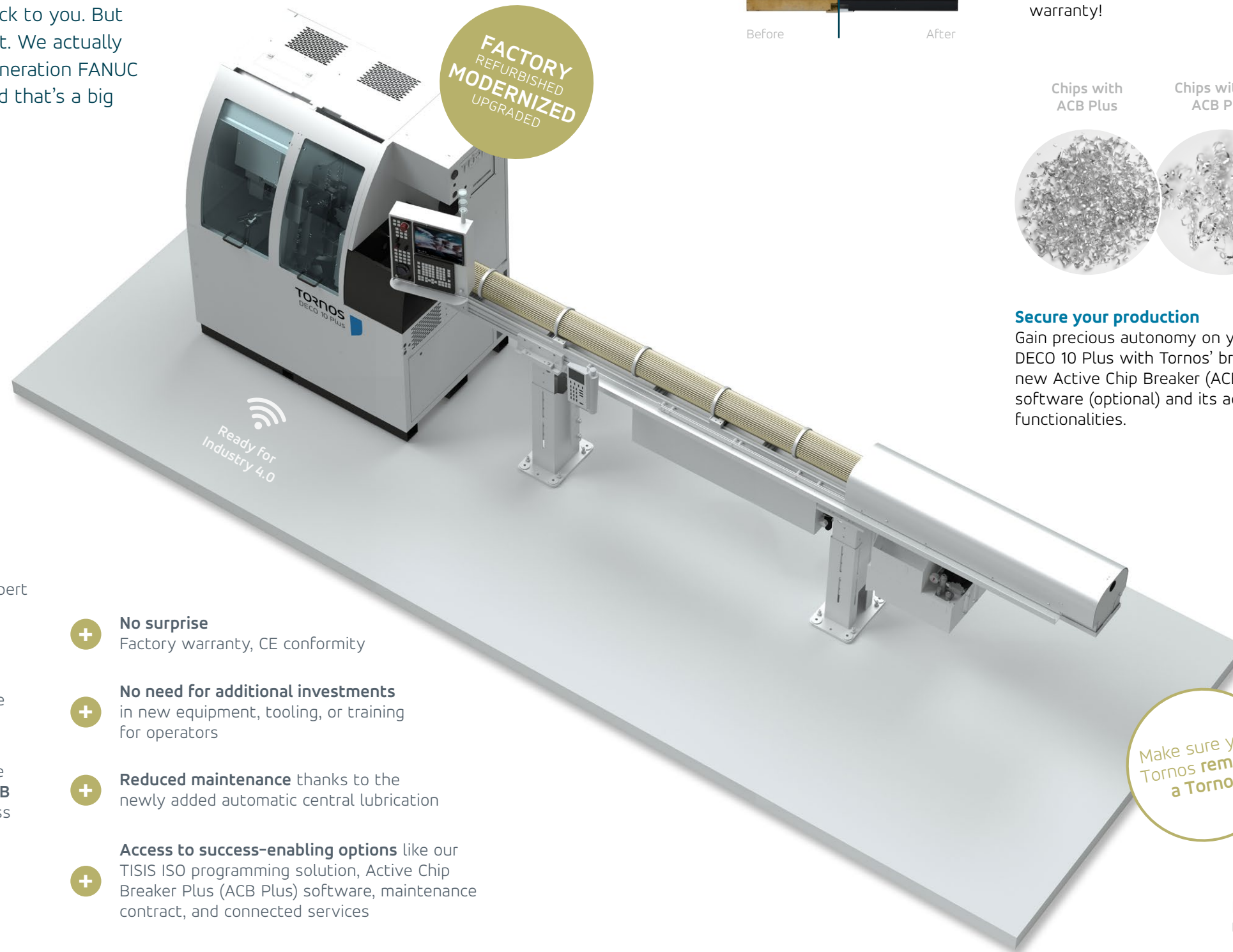
Welcome to your DECO 10 Plus!

More than a certified refurbishment

We take your DECO 10 to our factory, completely refurbish it, test it, and then ship it back to you. But it's more than a certified refurbishment. We actually upgrade your DECO with the latest-generation FANUC computer numerical control (CNC)—and that's a big plus! Welcome to your DECO 10 Plus!

Your benefits at a glance

- + Your DECO 10 will remain an original DECO 10 through the complete and expert Tornos refurbishment. Your **machine's geometry and the precision** will be equivalent to its original condition
- + Availability of spare parts to guarantee another **25 years of performance**
- + Faster program transfers thanks to the latest-generation **FANUC CNC with USB connectivity** and Industry 4.0 readiness
- + Better lighting as well as **improved ergonomics** thanks to a pivot arm and new keyboard
- + **No surprise** Factory warranty, CE conformity
- + **No need for additional investments** in new equipment, tooling, or training for operators
- + **Reduced maintenance** thanks to the newly added automatic central lubrication
- + **Access to success-enabling options** like our TISIS ISO programming solution, Active Chip Breaker Plus (ACB Plus) software, maintenance contract, and connected services



Get your DECO 10 ready for a new life

- Choose the DECO 10 Plus as your fast-track ticket to the fastest and highest quality overhaul of the market.
- Extend the service life of your machine and improve its productivity thanks to our specialists' renowned experience.
- Machine with quality that only original Tornos spare parts are used and benefit from our one-year warranty!



Chips with ACB Plus



Chips without ACB Plus



Secure your production

Gain precious autonomy on your DECO 10 Plus with Tornos' brand-new Active Chip Breaker (ACB) Plus software (optional) and its advanced functionalities.

Enter the world of Industry 4.0

- Your DECO 10 Plus can easily handle TB-DECO programs from a standard DECO 10. The new CNC is equipped with a USB slot to load the program, a color display for better readability, and a new keyboard with a handle to accelerate your operation on the machine.
- A connectivity pack can be added to monitor the machine's production and allow it to interface with the most modern platform or protocols (umati, OPC UA, etc.).
- Tornos' available TISIS ISO programming solution allows you to program your DECO 10 Plus without the help of TB-DECO.



Configure your DECO 10 Plus

Discover our virtually unlimited range of affordable options for increasing the capacity of your DECO 10 Plus.

Make sure your Tornos remains a Tornos

Discover more
tornos.com/en/content/deco-10-plus



DECO 10 Plus
9 linear axes + 2 C axes
4 independent tool systems

Main spindle (Z1)

Max bar capacity	mm/in	10 / 0.39
Standard workpiece length with guide bush	mm/in	66 / 2.59
Spindle rotation speed	rpm	100-16,000
Spindle power (S1)	kW/hp	1.1 (3.7) / 1.4 (4.96)
Max drilling diameter	mm/in	6 / 0.24
Max tapping diameter		M6

Guide bush (X1/Y1) (X2/Y2)

Max number of turning tools		2 x 4
Turning tool section		8 x 8
Cross rotating tools		4
Max rotating tool speed	rpm	12,000
Rotating tool power (S2)	kW/hp	0.5 (1.75) / 0.67 (2.35)
Max front drilling diameter rotating tools	mm/in	6 / 0.24
Max front tapping diameter rotating tools		M5-M6

End attachment (X3/Y3/Z3)

Max number of end tools		3
Max rotating tool speed		12,000
Spindle power (S3)	kW/hp	0.55 (1.75) / 0.74 (2.35)
Max drilling diameter rotating tools	mm/in	6 / 0.24
Max tapping diameter rotating tools		M2.5-M4

Counter spindle (Z4)

Max bar capacity	mm/in	10 / 0.39
Max standard length of workpiece	mm/in	60 / 2.36
Spindle rotation speed	rpm	100-12,000
Spindle power (S4)	kW/hp	0.5 (1.1) / 0.67 (1.47)

Counter-operation (X4)

Max number of tool positions		4
Positions for rotating tools		4
Max rotating tool speed	rpm	12,000
Rotating tool power (S5)	kW/hp	0.5 (1.1) / 0.67 (1.47)
Max drilling diameter rotating tools	mm/in	7 / 0.27
Max tapping diameter rotating tools		M4

Total number of tools

15

General specifications

Max length	mm/in	1,550 / 61
Max width	mm/in	1,000 / 39.3
Height	mm/in	1,800 / 70.8
Weight	kg/lbs	1,500 / 3,307
Cutting oil tank capacity	l/gal	130 / 34
Installed power	kVA	10

The machining capacities may differ from listed values depending on the machining conditions, such as the material to be machined or the tools to be used.

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Tornos
throughout
the world

