



GOODWAY MACHINE CORP.



GOODWAYCNC.com

Official distributor for Benelux



Jan Doustraat 37
1689 XK Zwaag (NH)
The Netherlands

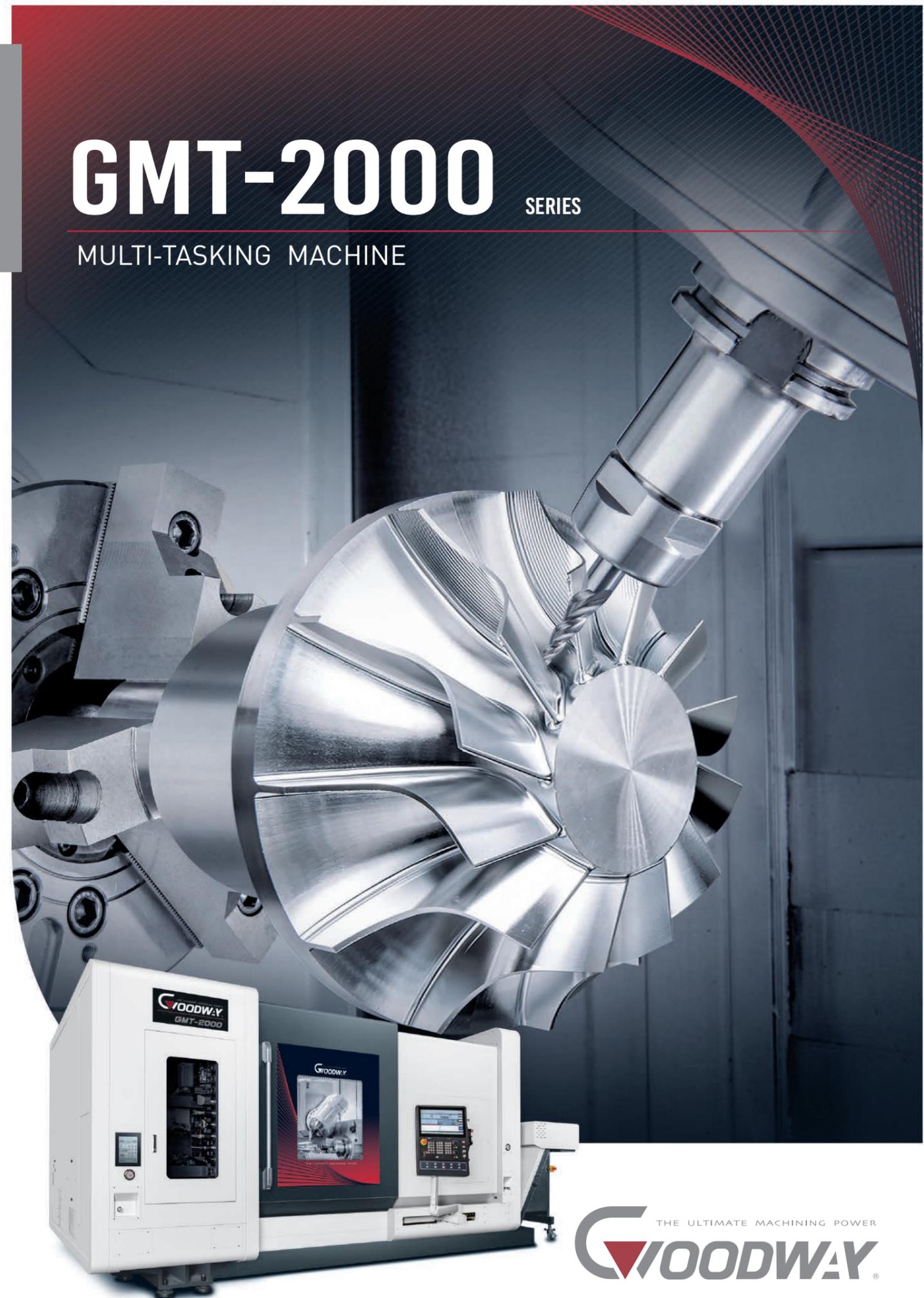
Tel. +31(0)85 0022937
info@tholitec.nl
www.tholitec.nl

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G-GMT-2000-EN-202010

GMT-2000

SERIES

MULTI-TASKING MACHINE



ANY IMAGINATION OF PROCESSING CAN BE ACHIEVED BY GMT-2000 SERIES

Looking for advanced processing equipment, with both high productivity and processing capacity for complex workpieces, also must have an excellent cost performance. The seemingly impossible task will be fully achieved by GOODWAY GMT-2000 series.

The GMT-2000 series integrates the functional characteristics of turning centers and machining centers into one. It has the highest 9-axis control and 5-axis simultaneous machining capabilities. It can not only efficiently complete various complex shapes of workpieces, but also easily overcome the need for heavy turning. This is a versatile model that can be used in all industries.

In addition, the optional G.LINC smart operating system and different automation equipment can further improve production efficiency, reduce manufacturing costs, and fully meet your all processing needs today and tomorrow.



GMT-2000

MULTI-TASKING MACHINE

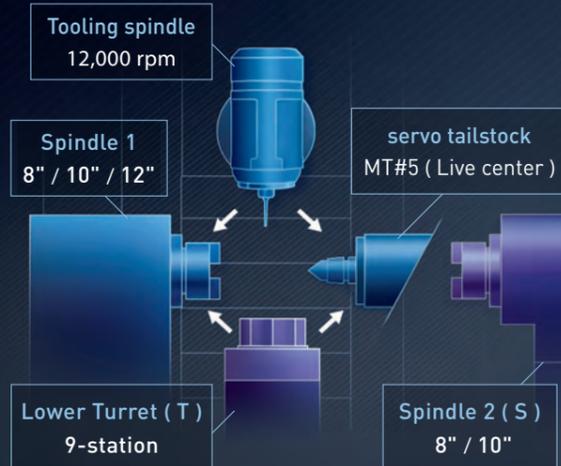
GMT series Advantages of multi-tasking machine center

- 66% save** **Manpower requirement**
Only one operator can complete all processes.
- 66% save** **Number of machines**
Integrate highly complex machining capabilities such as turning, milling and gear hobbing.
- 75% save** **Workpiece time setting**
The workpiece can be set from raw material to finish parts once.
- 80% save** **Number of clamping devices**
Significantly reduce the number of clamping devices required and the adjustment time.



THE ULTIMATE MACHINING POWER

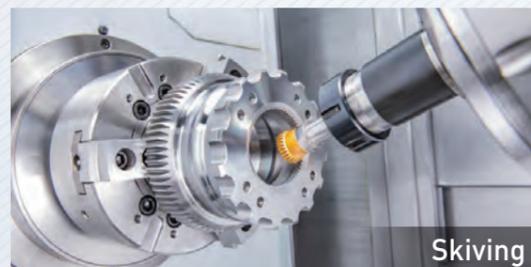
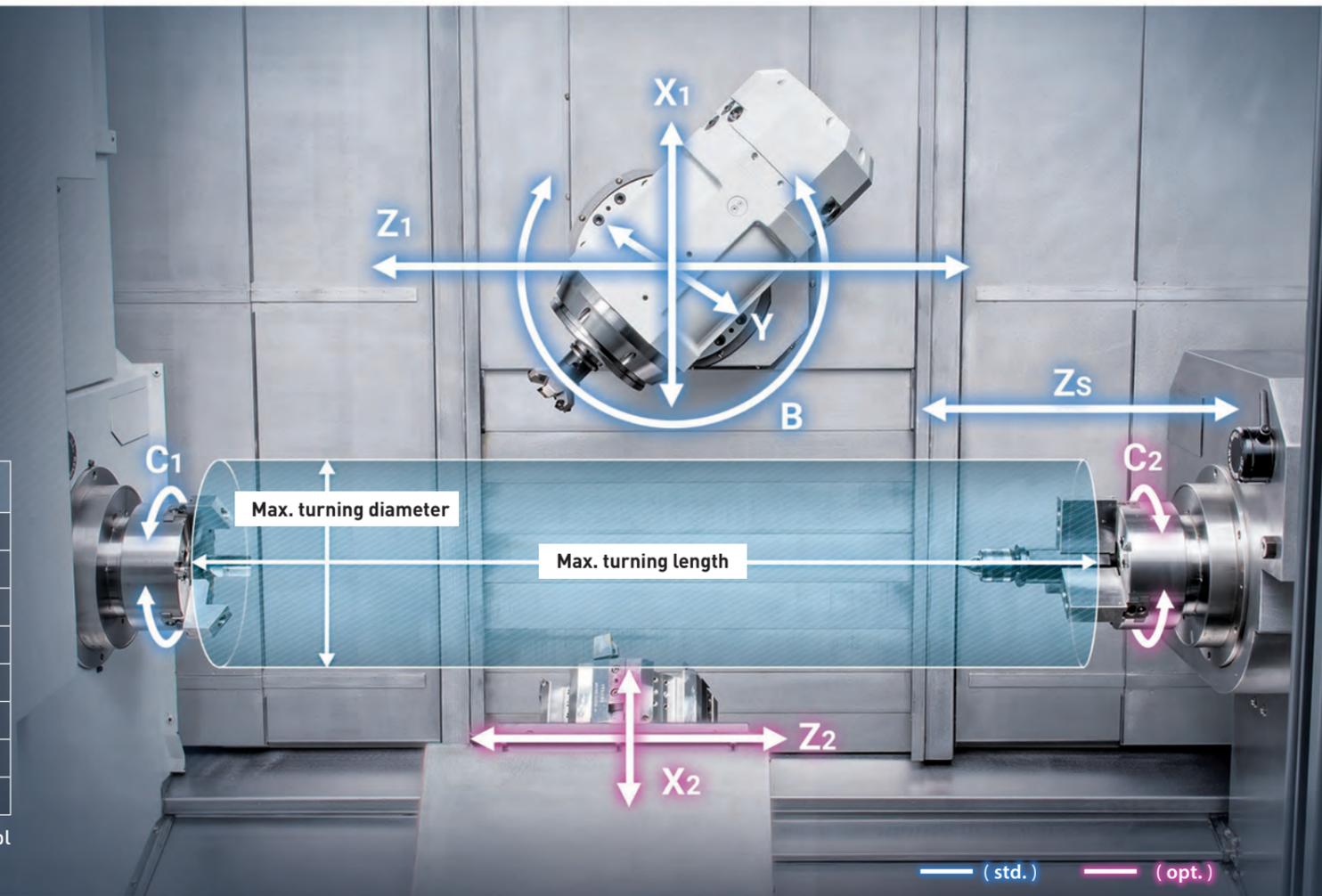
Both the tool spindle and the lower turret can flexibly support the first spindle or the second spindle, so the process arrangement is more flexible than the general model. In addition, the long and slender bar is clamped and fixed at both ends of the twin spindle, the tool spindle and the lower turret are synchronized to balance the turning mode, which can greatly shorten the cutting cycle time and ensure the ultimate machining accuracy.



GMT-2000 series

Model	GMT-2000	GMT-2000S	GMT-2000ST
Max. turning length	1,020* / 1,520 (L1) / 2,520 (L2) mm		
Max. turning diameter	Tooling spindle	Ø660 mm	
	Lower Turret	—	Ø420 mm
Tooling spindle	•	•	•
Spindle 1	•	•	•
Servo tailstock	•	—	—
Spindle 2	—	•	•
Lower turret	—	—	•

* GMT-2000ST does not provide this specification. • : Standard — : Not Available



Significant Production Efficiency

- Since the maximum stroke of the X-axis can exceed the centerline of the spindle by 125 mm, and the maximum stroke of the Y-axis is ±150 mm from spindle center, the GMT series can perform high-precision contour milling and drilling even if it is not controlled by the C-axis, and the processing is more efficient.
- The three-axis feed system X, Y and Z-axis is directly driven by a high-load servo motor with a rapid feed rate of up to 50 / 40 / 50 m/min.

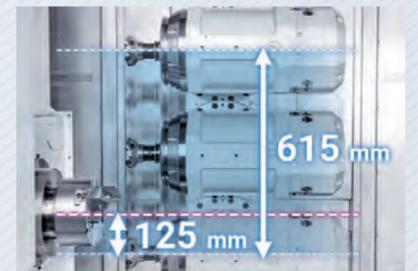
Sufficient Processing Range

- Leading the X, Y and Z-axis maximum stroke of the same class model make the processing more flexible.
- 3 different length of machine beds with 3 different spindle specification providing 9 basic specification combinations.
- A chain type tool magazine with up to 120 tools can be installed to easily overcome any complex cutting tasks.

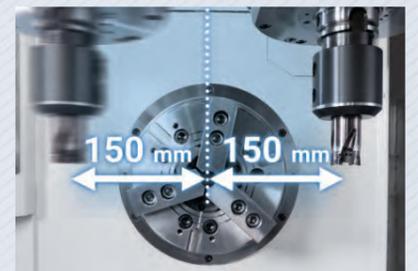
High-precision Countermeasures

- The spindle, tool spindle and feed system are equipped with a water-cooled cooling circuit design, which can effectively inhibit thermal displacement and ensure the ultimate machining accuracy.^{*1}
- B-axis standard high-resolution rotating linear scale.
- Optional spindle thermal displacement compensation system.

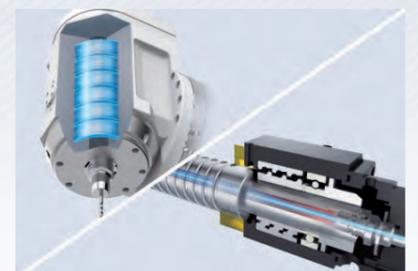
*1 : The X1-axis is equipped with a hollow ballscrew as standard, other axial options are available.



X-axis travel



Y-axis travel



Cooling Technology

* The processing modes listed above may be an option functions, please contact with GOODWAY for more information.