

# TORNOS

TORNOS PROVIDES SOLUTIONS  
TO HIGH-TECH INDUSTRIES  
SPECIALISING IN THE FOLLOWING SECTORS

## AUTOMOTIVE



## MEDICAL & DENTAL



## ELECTRONICS



## MICROMECHANICS



## Wide range of swiss-type multi axes lathes for bar work up to 32 mm diameter

### SWISS TYPE LATHES

#### Swiss GT range

#### Main features

- 6 linear axes + 2 C axes
- 2 independent tool systems
- Polygon milling
- Thread whirling
- Angled milling
- Gear hobbing



Swiss GT		13	26	26B	32	32B
Maximum diameter	mm	13	25.4	25.4	32	32
Number of linear axes		6	6	6	6	6
Number of C axes		2	2	2	2	2
B axis		-	-	Yes	-	Yes
Number of independant tool systems		2	2	2	2	2
Total number of tool positions		30	40	36	40	36
Position for rotating tools		12	14	16	14	16

## Swiss type CT 20

The cost-effective solution for your parts (as for your needs)



### Main features

Powerful, robust bar turning machine

Highly rigid and stable cast iron frame

- Modular tooling system
- Powerful spindles and drives
- Quick, easy configuration
- Intuitive
- ISO programming



CT		20/5
Maximum diameter	<i>mm</i>	20
Number of linear axes		5
Number of C axes		2
Number of independent tool systems		2
Total number of tool positions		27
Position for rotating tools		11

## EvoDECO



### The most productive and powerful machines on the market

#### Main advantages

- Unique productivity thanks to 4 independent tool systems including 2 opposed gang tools
- Highly powerful to cater any kind of material up to 32 mm Ø
- Flexibility enabling the production of the most complex workpieces thanks to the modular tool system
- B axis (*EvoDECO 16 only*)
- Option to work without guide bush (*EvoDECO 16 only*)



The EvoDECO lathes available in 4 diameters : 10 mm, 16 mm, 20 mm and 32 mm.

Their unparalleled flexibility allows them to efficiently produce the most complex workpieces while ensuring rapid setup changes.

EvoDECO		10/10	10/8	16/10	16/8	20	32
<b>Maximum bar capacity</b>	mm	10	10	16	16	25.4	32
<b>Number of linear axes</b>	axes	10	8	10	8	10	10
<b>Number of C axes</b>	axes	2	2	2	2	2	2
<b>B axis</b>		-	-	Option	Option	-	-
<b>Number of independent tool systems</b>		4	3	4	3	4	4
<b>Total number of tool positions</b>		22	19	27	22	27	27
<b>Number of rotating tools</b>		11	8	15	12	21	21

# TORNOS

## SwissNano Range

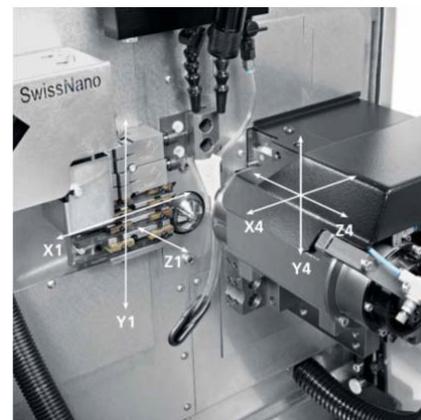


### The micro and nano precision specialist



#### Main advantages:

- Very high precision machining suitable for the most accurate components of the market.
- Unique kinematics enabling turning, drilling, cutting/deburring and roughing/finishing operations.
- Excellent access to the tools for easy setting.
- Fixed or rotating guide bush. Convertible to work without guide bush.
- Small footprint
- Modern design



		SwissNano 4	SwissNano 7
Maximum bar capacity	mm	4	7
Number of linear axes	axes	6	6
Number of C axes	axes	2	2
Number of independent tool system		2	2
Total number of tool positions		14	20
Positions for rotating tools		2	5
Spindle rotation speed		16,000 rpm	16,000 rpm

## MultiSwiss

### Wide range of multispindle lathes with 6 or 8 spindles up to 32 mm bar capacity

MultiSwiss welcomes you to the Swiss-type revolution. Fully CNC multi sliding spindles designed for modern machining of medium-complex workpieces.

As simple to program and operate as a single-spindle turning machines, the multiSwiss is 5 times more productive, enabling significant increases in production, both in terms of quality and uniformity. The MultiSwiss bring a new perspective to the production of intricate parts.

The range is available in 3 diameters: 16mm and 32mm (6-spindle version) and 26mm (8-spindle version).



Machine	Bar capacity	Number of linear axes	Number of rotary axes	Max. length of part
MultiSwiss 6x16	Ø 16 mm	14	7	40 mm
MultiSwiss 8x26	Ø 26 mm	18	9	65 mm
MultiSwiss 6x32	Ø 32 mm	14	9	65 mm