



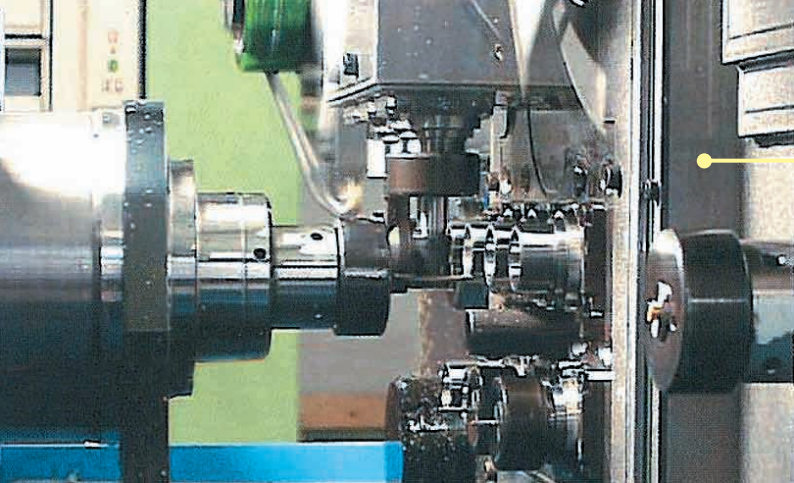
# BUMOTEC EZ-123



Fixed head turning lathe

Dual Bar / 3 spindles  
Swiss Precision Automatic

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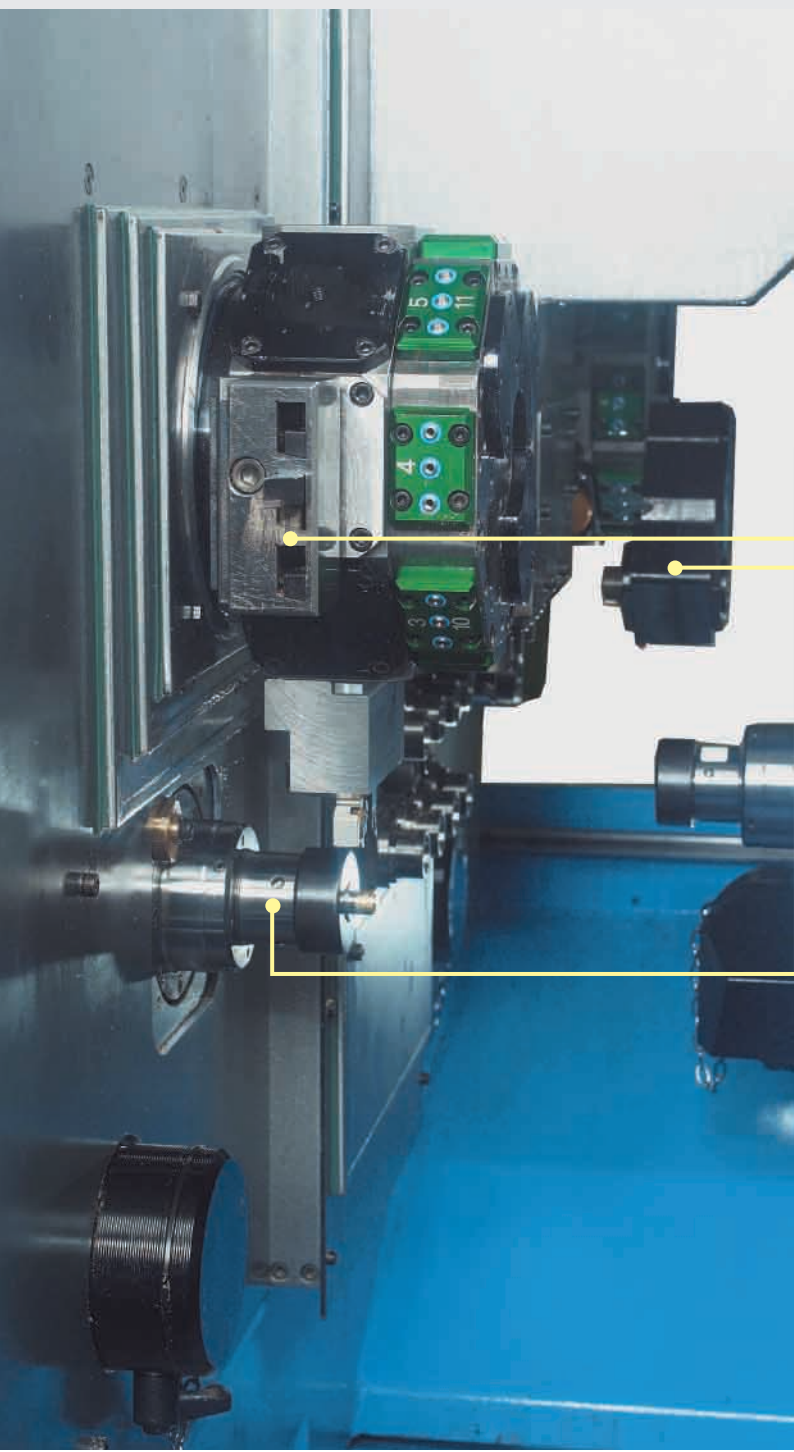


## Spindles

- Back working spindles
  - 3 vertical spindles, driven or static
  - 8 horizontal spindles, driven or static
  - 2 ejection tubes
  - 12 000 RPM
  - 2,5 kW

## Precision

Bumotec machines feature Renishaw touch probes with automatic feedback to the CNC control.



The Bumotec EZ-123 offers independent and simultaneous dual bar feeds, dual turret machining with an independent sub spindle and 11 back working spindles.

## Machine Turrets

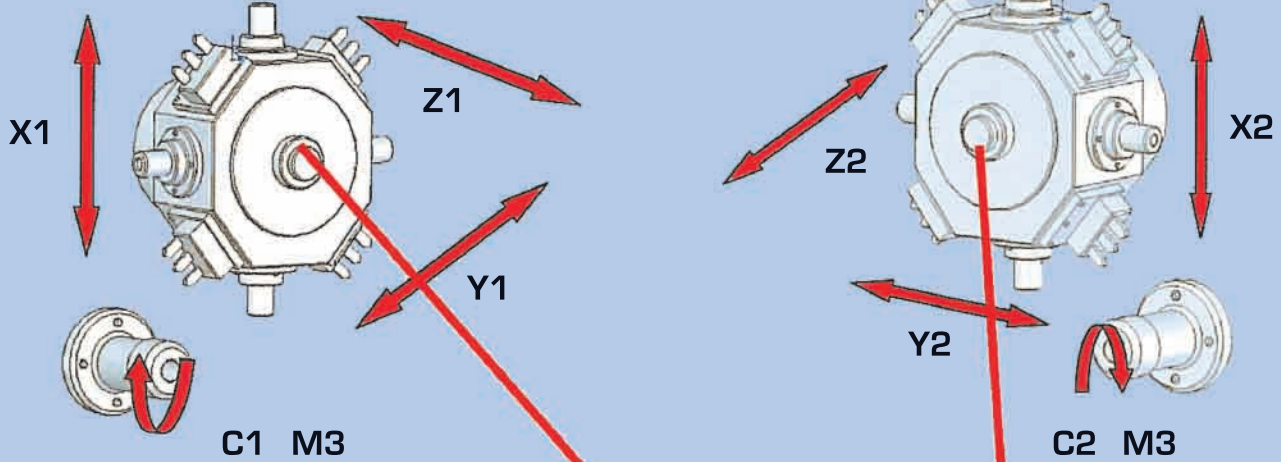
Radial positions	8 driven or static*
Axial positions	4 driven or static*
Max. speed	7500 RPM
Drive motor	2,5 kW
Coolant through	5 bars
Indexing speed	0,30 max.
Drilling Ø	8,00 mm
Max. tap size	M6

\*Static radial and axial positions can accommodate up to 3 tools per holder.

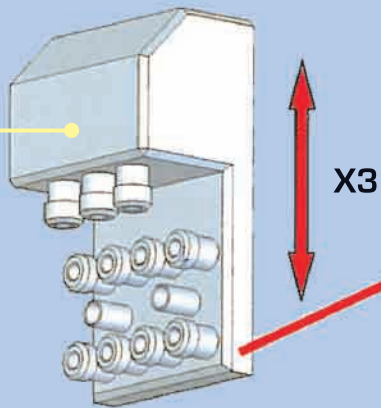
## Productivity

The EZ-123 is a highly productive machining system with an extremely small footprint.

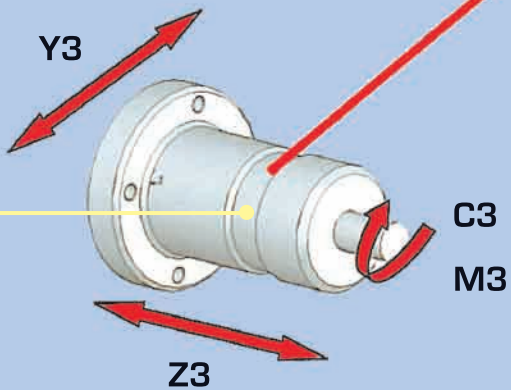
## AXES TRAVELS



**X1 / X2** 44 mm  
**Y1 / Y2** 60 mm  
**Z1 / Z2** 75 mm  
**C1 / C2** 0,001°  
**M3** 16 000 RPM



**X3**



**C3**  
**M3**

**X3** 85 mm  
**Y3** 600 mm  
**Z3** 190 mm  
**C3** 0,001°  
**M3** 16 000 RPM

## Applications

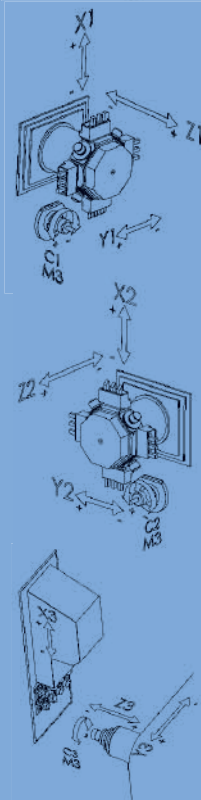
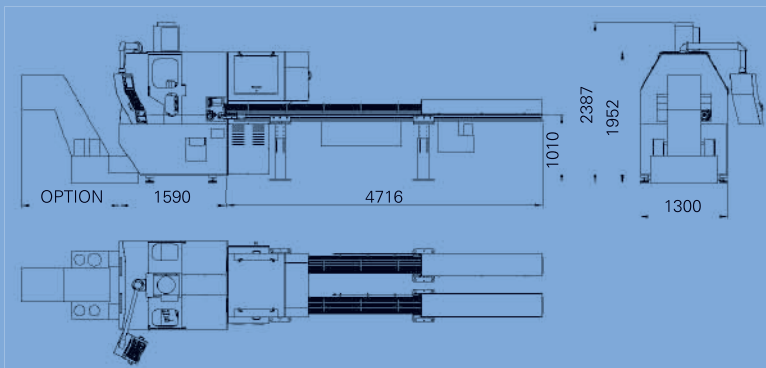
- Medical
- Aerospace
- Electronic
- Lock
- Automotive



Machined  
 complete  
 from Bar  
 in 12,10 seconds.



# Technical data



## STATION 1: X1 - Y1 - Z1 - C1 AND STATION 2: X2 - Y2 - Z2 - C2 AXES TRAVEL

Transversal	X1 / X2	44 mm
Vertical	Y1 / Y2	60 mm
Longitudinal	Z1 / Z2	75 mm

## TECHNICAL SPECIFICATIONS

Number of radial station	8
Number of axial station	4
Number of fixed radial turning tools on each station	3
Number of fixed axial turning tools on each station	3
Number of driven radial tools installable	8
Number of driven axial tools installable	4
Maximal programmable speed	7500 RPM
Turning tool section	10 x 10 mm
Maximal drilling diameter	8 mm
Maximal threading diameter (tap/die)	M6
Indexing speed (station to station)	0,25 seconds
Indexing speed (station 1 to station 8)	0,30 seconds
Drive motor	2,5 kW
Coolant supply through turret	5 bars

## 1. GENERAL

- Cast iron base
- 3 identical electrospindles 16000 RPM
- Y3 axis mounted on a linear motor, 90 m/min.
- Renishaw pre-setting device
- CNC Fanuc 30 ITB
- 3 stations working simultaneously

## STATION 3: X3 - Y3 - Z3 - C3 AXES TRAVEL

Transversal	Y3	600 mm
Vertical	X3	85 mm
Longitudinal	Z3	190 mm

## TECHNICAL SPECIFICATIONS

Number of tools (up to)	11
Number of driven or fixed radial tools installable	3
Number of driven or fixed axial tools installable	8
Maximal programmable speed	12 000 RPM
Turning tool section	10 x 10 mm
Maximal drilling diameter	8 mm
Maximal threading diameter (tap/die)	M6
Drive motor	2,5 kW

\*\* We reserve the right to modify certain specifications of this catalogue without any notice in order to improve these datas. They are not contractual.



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