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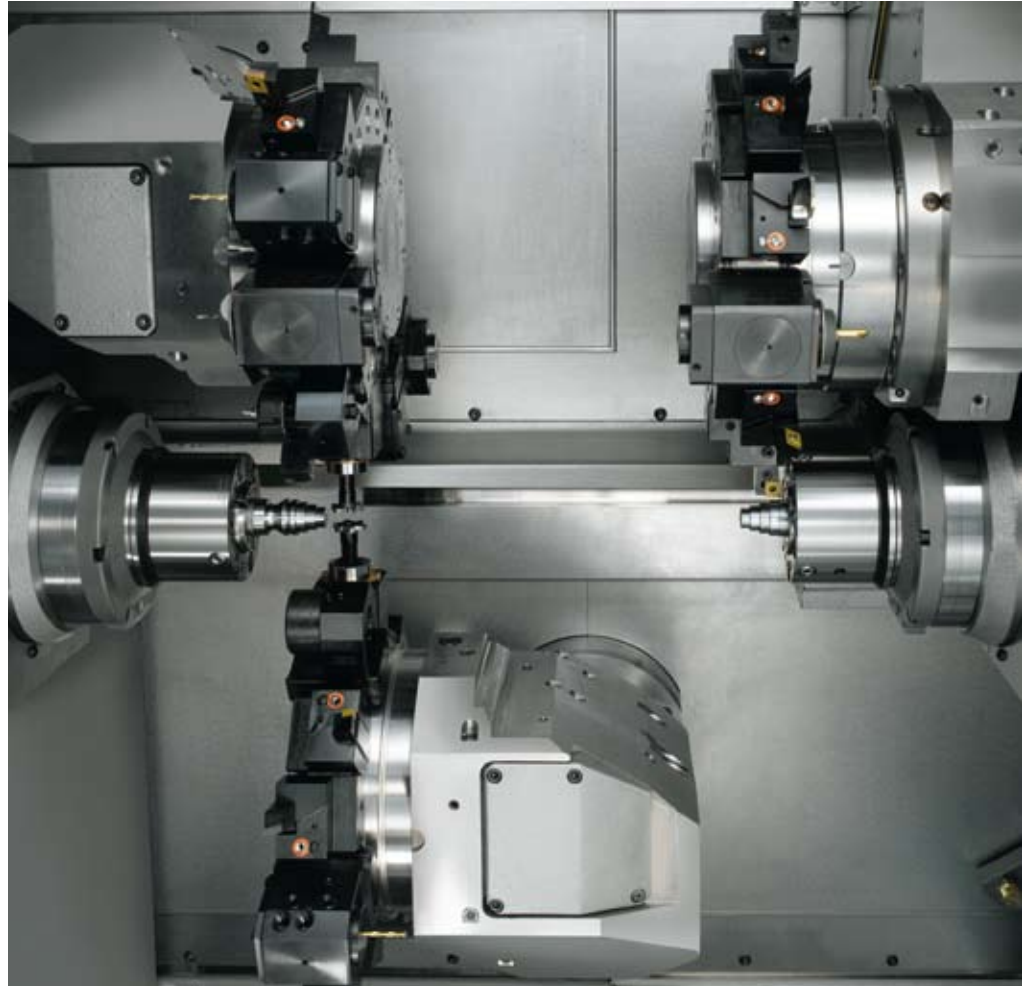
**INDEX C100 / C200 automatic production lathe
with Fanuc CNC control**

FANUC

The C100 – an automatic lathe with excellent performance

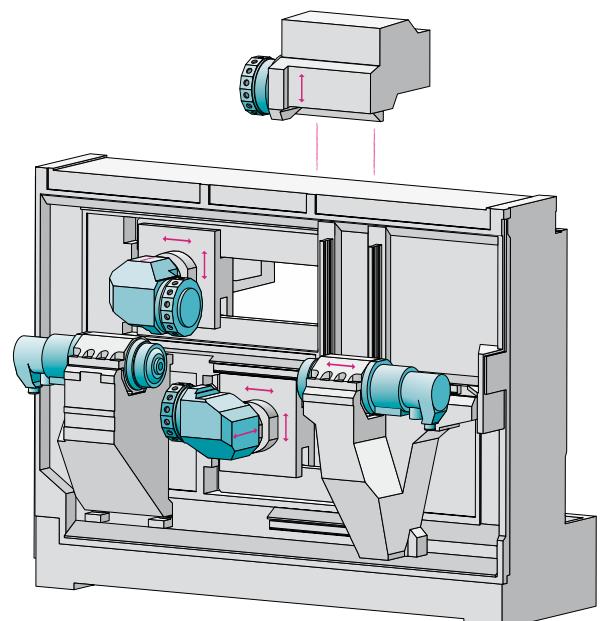
A compact, powerful machine for fast machining

The INDEX C100 / C200 opens up new possibilities for fast production of turned parts. The new INDEX Single-Slide guide system ensures a significantly faster dynamic response with optimal vibration damping. The highly rigid vertical machine bed improves the workpiece quality while extending the tool life. As a 2- or 3-turret machine, the C100 / C200 offers an ample work area for complete machining of workpieces – in spite of its compact outer dimensions. Maximum speed, flexibility, and large part diversity with short setup times are the key features of the C100 / C200.



Proven machinery and performance data

- Simultaneous machining with 3 turrets
- High acceleration (1g) and fast rapid traverse speeds
C100 / 60 m/min
C200 / 50 m/min
- 2 tool carriers with Y-axis on main and counter spindle available
- Maximum part diversity due to 3 turrets and 42 tools
- All stations can be driven
- Machining with bottom turret on main and counter spindle possible
- Fast turret indexing
- 2 high-performance, identically-rated motor spindles
- Bar capacity
C100 / 42 mm
C200 / 65 mm
- Spindle speed up to
C100 / 7000 rpm
C200 / 5000 rpm
- Full reverse side machining
- Short travel distances despite ample work area
- Easy to set up due to high degree of accessibility
- Well-organized work area
- Strong performance data with small space requirement



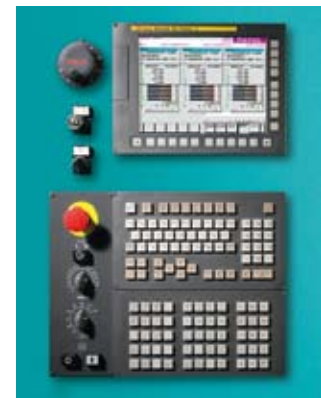
Your benefits at a glance

- Innovative machine concept for optimum chipping performance
- INDEX SingleSlide Sliding guides for higher damping, resulting in longer tool life and and better surface quality
- Competitive position assured by using a high efficiency automatic lathe



Standard Fanuc 31i control

- Machine control panel with TFT color display (10.4")
- Electric handwheel in series
- Display of: Actual axis position values and target/actual value differences, current feed rate, spindle speed, G functions, main program and subprogram numbers
- Screen text can be selected in English and German
- Total quantity counter, number preset for batch size
- Multi-channel editor and program display



Technical data for SpeedLine C100 C200

Work spindle

Bar capacity	mm	42	65
Speed	rpm	7000	5000
Power at 100% / 40%	kW	25 / 29	25 / 33
Torque at 100% / 40%	Nm	50 / 65	112 / 150

Counter spindle

Speed	rpm	7000	5000
Power at 100% / 40%	kW	16.5 / 19	25 / 33
Torque at 100% / 40 %	Nm	32 / 43	112 / 150

Tool carrier

Turret 1 (top left) XZY	Number of stations	10 / 14	10 / 14
Turret 2 (bottom) XZY	Number of stations	10 / 14	10 / 14
Turret 3 (top right, optional) X	Number of stations	10 / 14	10 / 14
Tool drive speed	rpm	6000	6000
Power at 25%	kW	4.2	6.5
Torque at 25%	Nm	11	16

For more information please ask for our brochure C100 / C200.

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