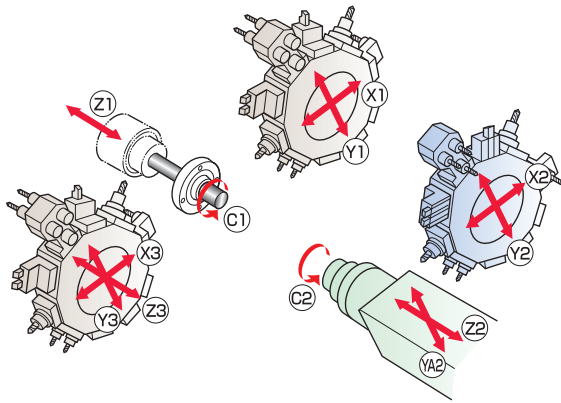


Advantages & Features

The ST-38 from STAR Micronics further develops the series of the complex KNC-32 and SV-32 machines. A machine for highly complex parts, yet easy to program in the usual way with the FANUC control system with machining possibilities for parts up to a workpiece diameter of 38 mm. The 3 turrets allow for almost limitless machining flexibility. The ST-38 therefore enables the machining of turned parts which require up to 60 tools.



ST

38



Technical details

• CNC control system	Fanuc 31i-B
• Capacity coolant tank	245 Liter
• Dimensions (WxDxH) in mm	3477 x 1859 x 1865
• Weight	6250kg
• Power consumption	10.5kVA
• Rapid feed rate	30m/min (X and Z axis)

FRONT SIDE

Number of axes 12

Main spindle (Headstock stroke)	C1 / Z1 axis
Turret 1	X1 / Y1 axis
Turret 3	Z3 / X3 / Y3 axis
max. Machining diameter	38mm
max. Headstock stroke standard	350mm
max. Main spindle speed	7.000 rpm
Main spindle drive power	7.5kW / 11kW

Tools sleeve holder

Number of tools	max. 3 per station
max. Drilling capacity	Ø 23mm
max. Tapping capacity	M16 x P2.0

Driven tools

Number of tools	max. 2 per station
max. Drilling capacity	Ø 10mm
Tapping capacity	M8 x P1.25
max. Speed	5'700 rpm

BACK SIDE

Sub spindle	C2 / YA2 / Z2
Turret 2	X2 / Y2 axis
max. Gripping diameter	38mm
max. Sub spindle speed	7.000 rpm
Sub spindle drive power	7.5kW

Backworking tools

Number of tools	max. 3 per station
max. Drilling capacity	Ø 23mm
max. Tapping capacity	M12 x P1.75

Driven tools

Number of tools	max. 2 per station
max. Drilling capacity	Ø 10mm
max. Tapping capacity	M8 x P1.25
max. Speed	5'750 rpm

