

Modular quick-change system provides solutions for different processing requirements



Advantages: high runout accuracy, high clamping force and stability, easy assembly, various connection methods, can be switched from traditional external clamping to internal expansion/three-claw or magnetic clamping, without disassembling the fixture.

Benefits: long service life, flexible manufacturing, reduced scrap, higher machineutilization efficiency.



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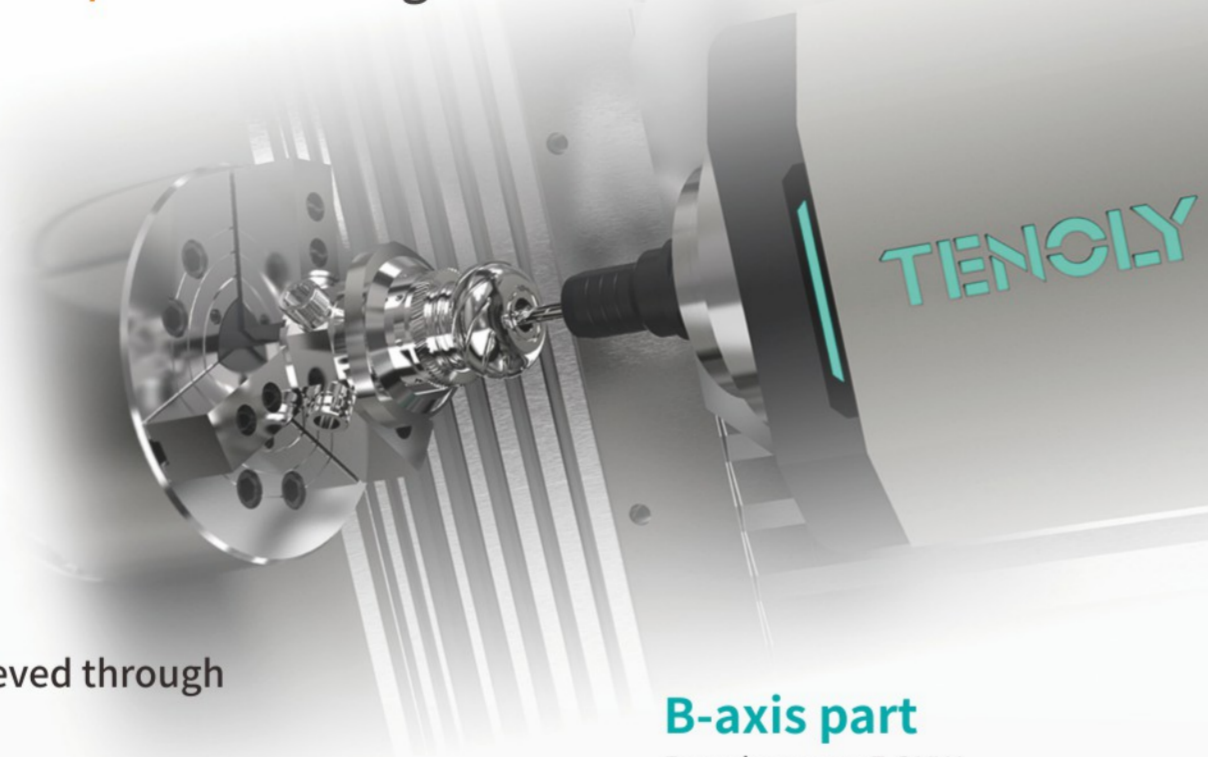
Composite High precision High efficiency
Energy saving Intelligent
Milling Turning
Gear turning Grinding

Horizontal five axis turning&milling center

◀ B axis swing 12000 rpm + ATC60/120 tool magazine

Turning

- Maximum bar diameter 76mm
- Maximum turning torque 400Nm
- Maximum turning diameter 500mm achieved through long-travel moving column



B-axis part

Rated power: 5.3KW
Locking torque: 2000NM
Maximum speed: 360rpm
Minimum indexing angle: 0.001°

Milling axis part

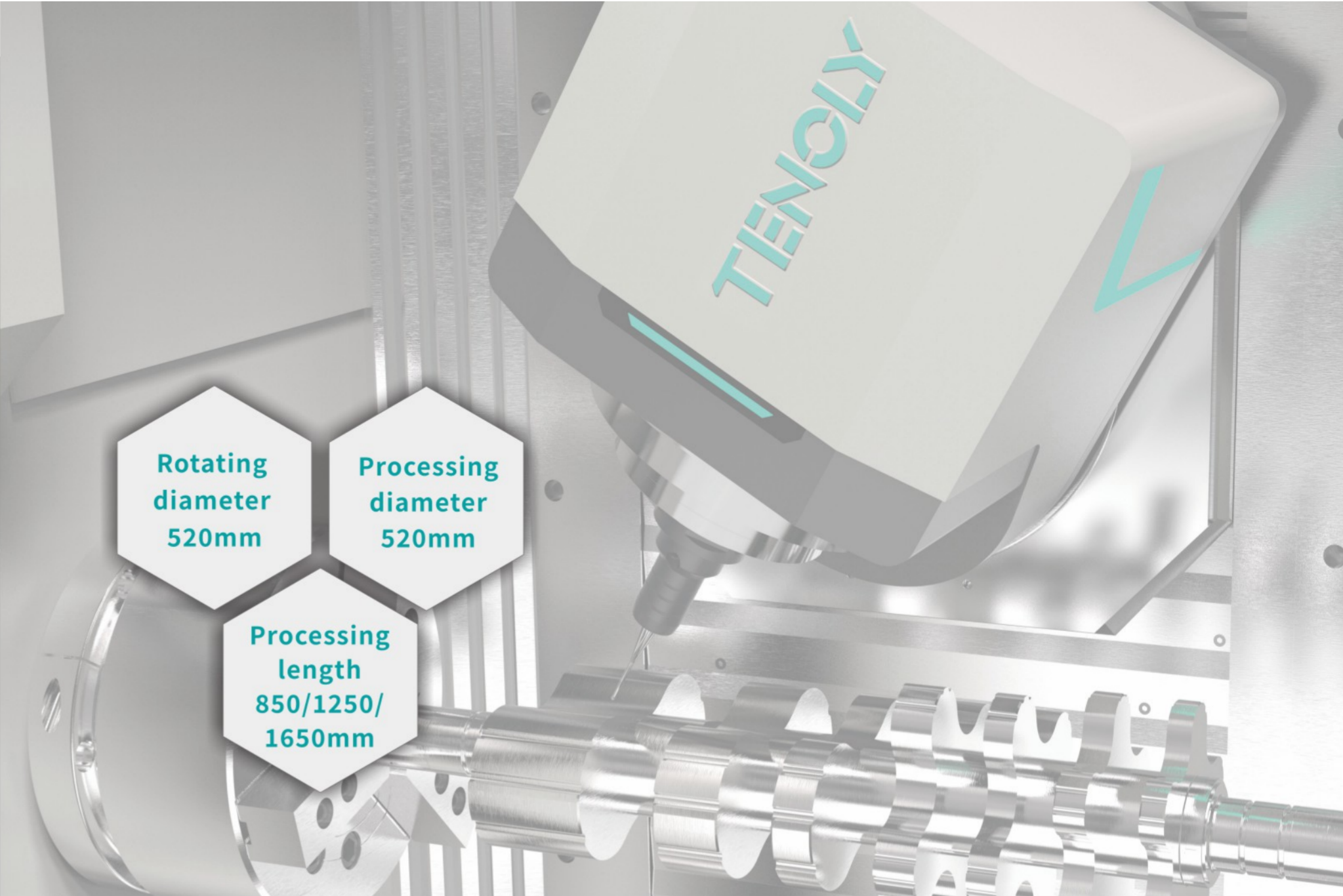
Power (S1-100%): 22KW
Torque (S1-100%): 88NM
Maximum speed: 12000rpm
Tool handle interface: CAPTO-C6 (HSK T63)
Broaching force: 28-39.6KN



MT850B/1250B/1650B

Highlights

- + Turning and milling spindle 12000 rpm
- + Workpiece diameter up to $\phi 500$ mm, turning length up to 850/1250/1650 mm
- + 8"/10"/12" spindle, 8"/10" sub-spindle
Multi-spec spindle chuck selection
- + The workspace is more spacious and transparent, with better accessibility, and the operating distance from the spindle center is minimized
- + The eccentric machining Y-axis travel is up to 105mm



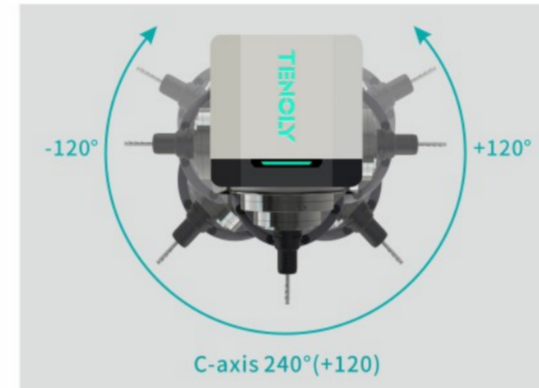
Rotating diameter 520mm

Processing diameter 520mm

Processing length 850/1250/1650mm

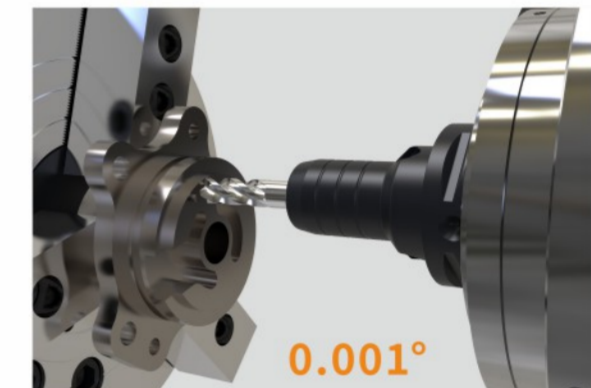
B-axis large angle

Continuous and precise braking and indexing at any angle of the B-axis



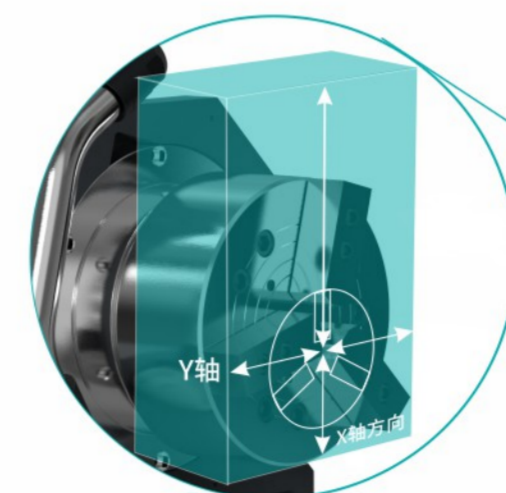
C-axis positioning control

C-axis positioning control in units of 0.001°



Automatic tool changer

Tool magazine capacity 60 tools can be increased to 120 tools



Highly efficient combination of milling spindle

Both the left and right spindles can perform high-precision C-axis operations, and by combining with the iron spindle, they can perform a variety of machining functions such as turning, iron cutting, and synchronous cutting in one clamping.

