

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

Vertical five axis turning&milling center

Milling Turning Gearing Grinding

High-precision multi-faceted and inclined surface processing, as well as linkage processing of complex contours, achieve high production efficiency

Rotation diameter
730/900mm

Processing diameter
630/800mm

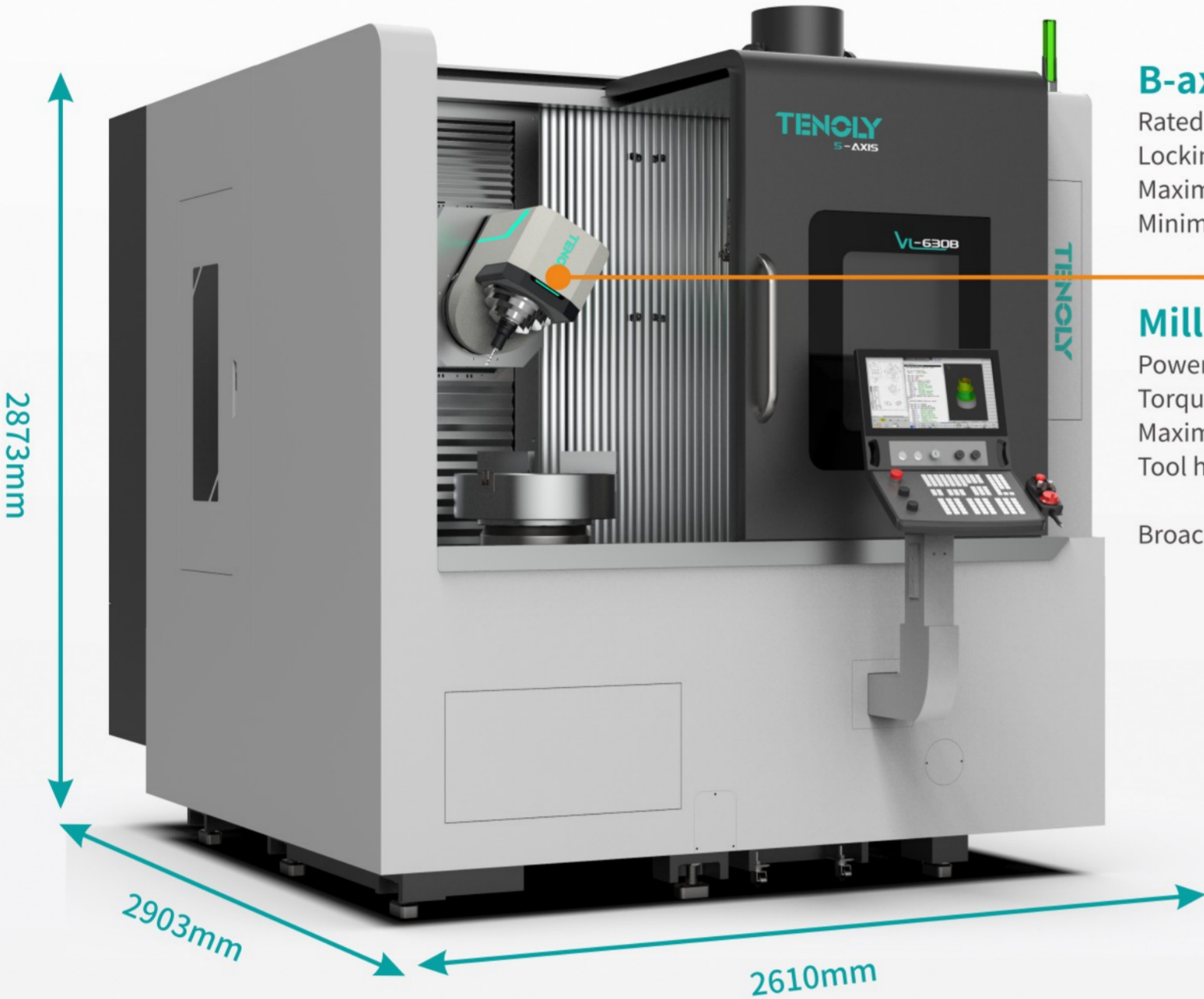
Processing length
675mm

B-axis part

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

Milling spindle part

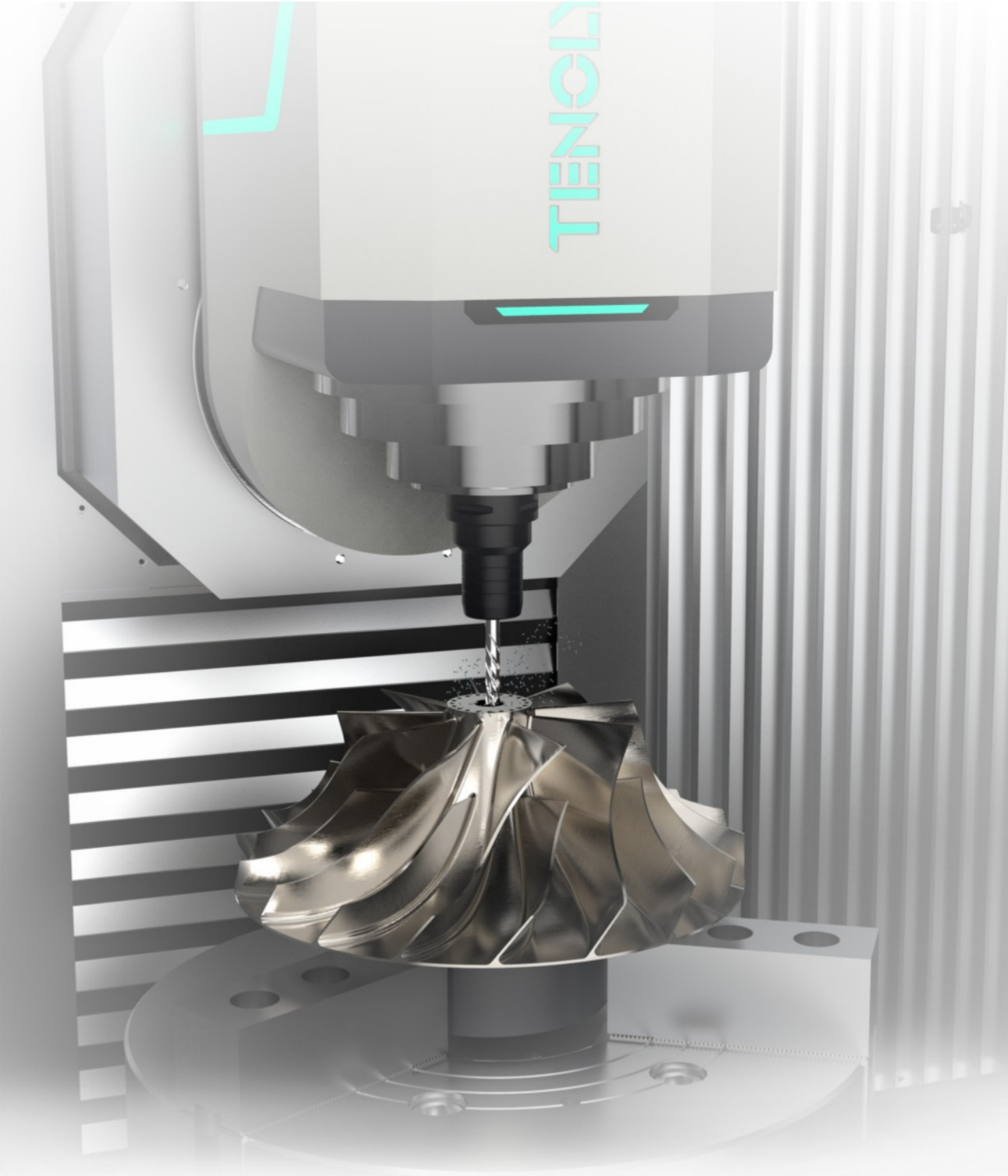
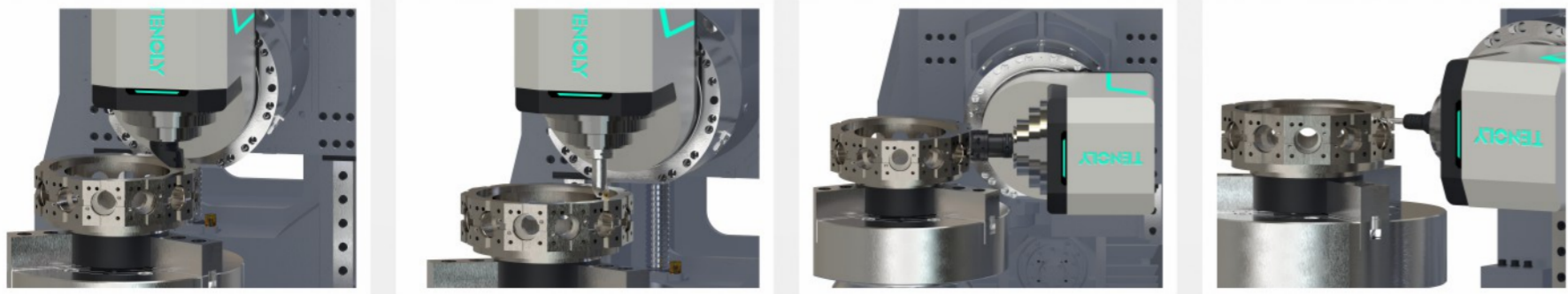
Power (S1-100%): 22KW
Torque (S1-100%): 88NM
Maximum speed: 12000rpm
Tool handle interface: CAPTO-C6 (HSKT63)
Broaching force: 28-39.6KN



VL630B/800B

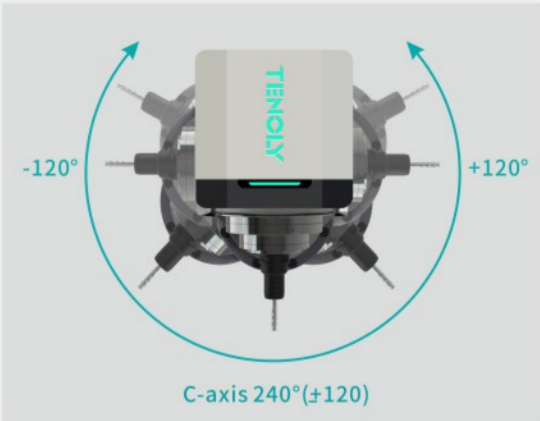
Cutting performance

It exhibits good processing performance in turning, milling, drilling and tapping operations, and is suitable for composite processing of a variety of workpieces.



B-axis large angle

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



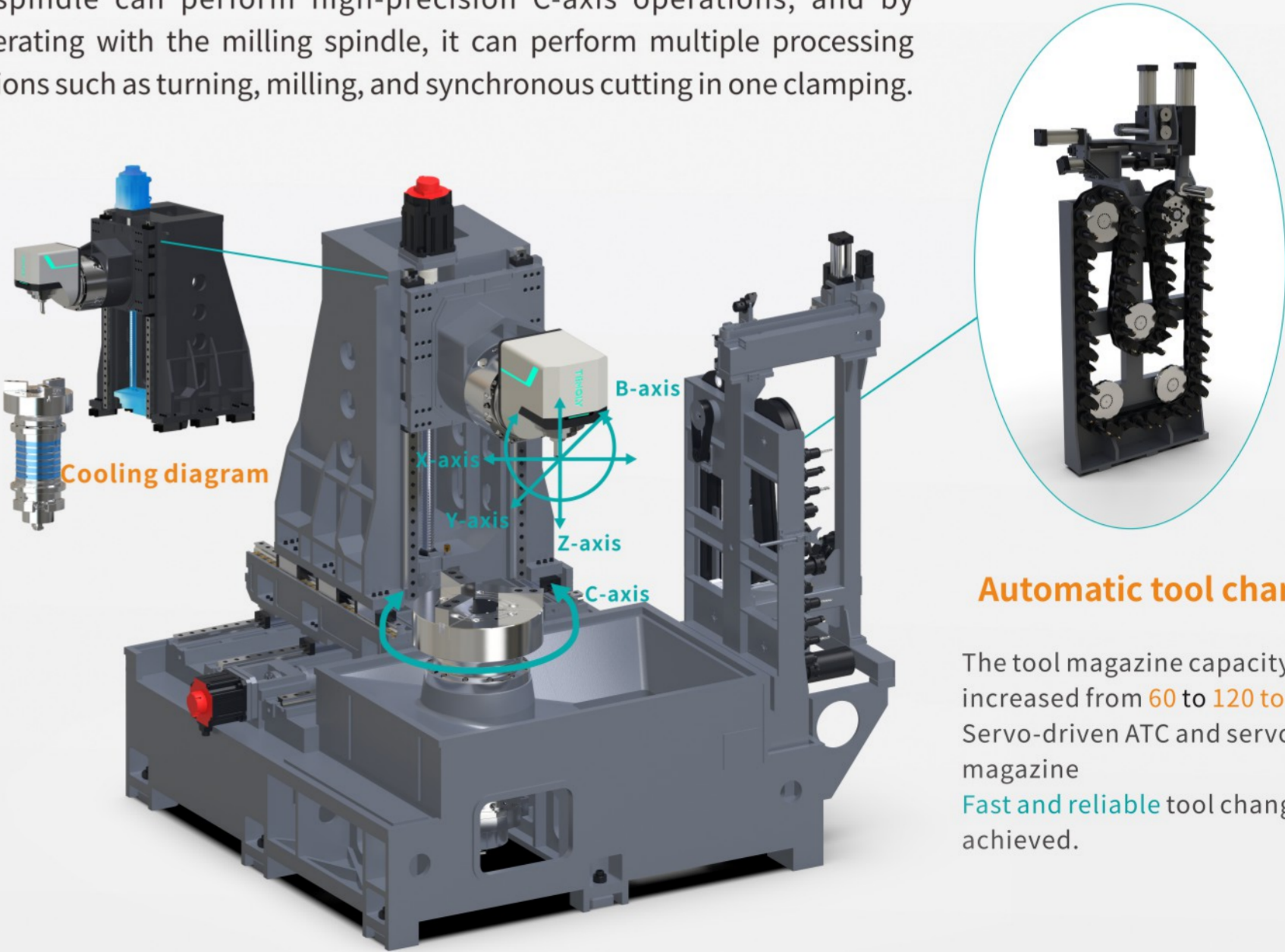
C-axis positioning control

C-axis positioning control in units of 0.001°



Efficient combination of milling spindle

The spindle can perform high-precision C-axis operations, and by cooperating with the milling spindle, it can perform multiple processing functions such as turning, milling, and synchronous cutting in one clamping.



Automatic tool changer

The tool magazine capacity can be increased from 60 to 120 tools
Servo-driven ATC and servo tool magazine
Fast and reliable tool change is achieved.