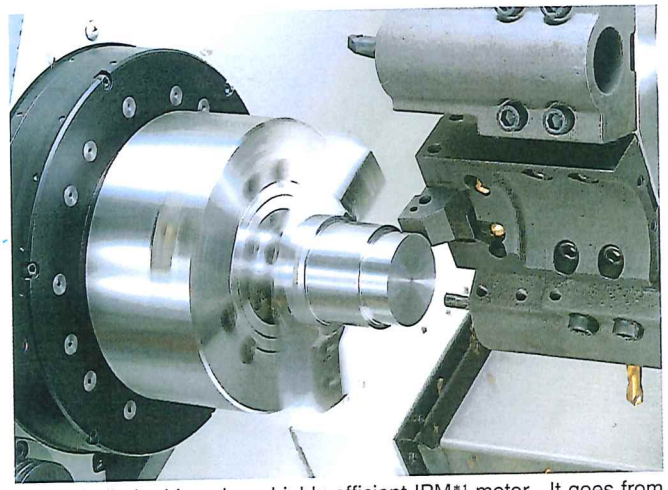
Spindle

High speed, high power and good acce



The spindle is driven by a highly efficient IPM*1 motor. It goes from a dead stop to 5,000 min-1 in just 4.0 sec.*2. (The photo shows SL-204MC)

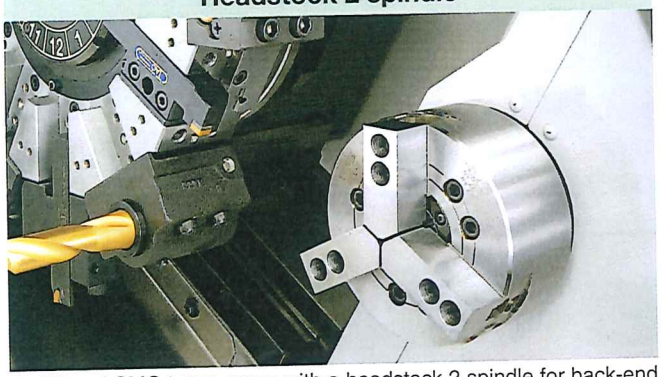
*1 Internal Permanent Magnet *2 For SL-154.

Maximum spindle speed

Previous model	5,000 min-1	
SL-154	6,000 min-1 *	Fas
Previous model	4,000 min-1	
SL-204	4,500 min-1 *	Fas

* Same speed attained on the headstock 2 spindle.

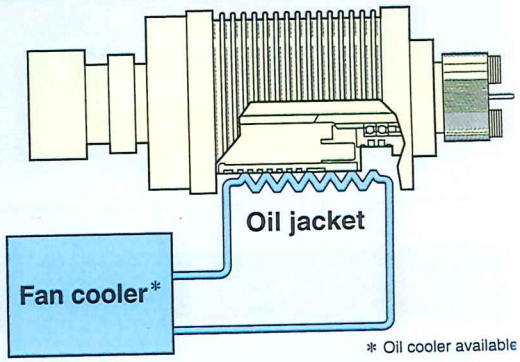
Headstock 2 spindle



S, SY and SMC types come with a headstock 2 spindle for back-end turning. (The photo shows SL-204S)

Fan cooler included as standard equipmen

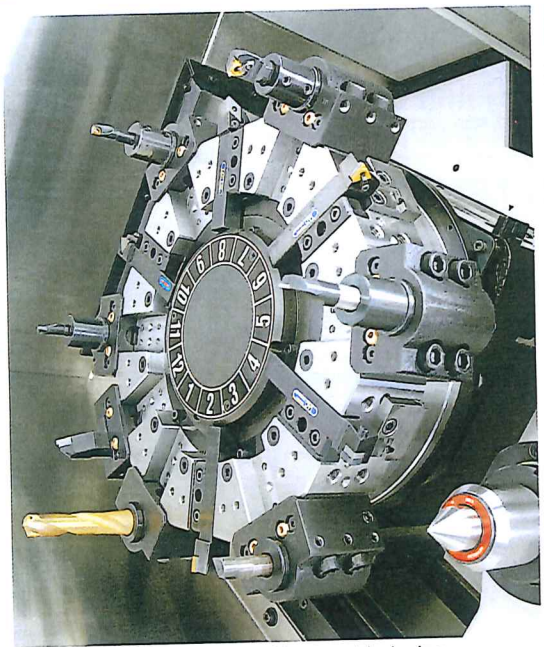
- All spindles (headstock 1 spindle and headstock 2 spinc gearless, beltless and feature low vibration, high speed, drive systems.
- All spindles (headstock 1 spindle and headstock 2 spinc wrapped in an oil jacket to minimize thermal displaceme



* Oil cooler available

Turret • Feed

Fast turret indexing and rapid t



A no-lift mechanism is used for turret indexing. (The photo shows SL-154)

Turret indexing time

(1-station)

0.2 sec.

Number of tool stations

12 tools

Rapid traverse rate

X-axis

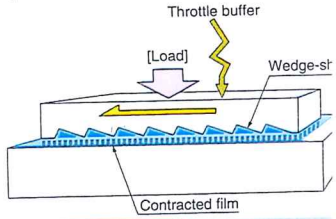
18 m/min (708.7 ipm)

Z-axis

24 m/min (944.9 ipm)

Performance slideway

The slideway glides on a dual-layered oil film, w the top and laminar on the bottom. The wedge- sliding the faster the slideway moves, which exte life of sliding surfaces under a constant load. U load, the laminar layer acts like a cushion and la and dampens the impact force along the slideway



Scraping of slideway surfaces

Outstanding rig feedrates