



## L20 XII ATC

We have developed a B-axis ATC (Automatic Tool Changer) while keeping the operability of the best-selling L20 machine unchanged.

Citizen's unique, compactly designed ATC tooling with B-axis can be mounted on the gang tool post to enable use of a total of 13 front machining B-axis tools, comprising 12 ATC tools and one tool built into the tooling. (L20XII dedicated option)

### Features

- With the L20's operability unchanged, using the ATC tooling in conjunction with existing turning tools and cross machining rotary tools combines the machining speed of a Swiss-type automatic lathe thanks to the gang tool post. With the versatility of a B-axis turning center equipped with an ATC.
- The capability for machining complex parts like medical parts including implants, the ATC provides an environment where the tool setting for machining several types of workpieces can be completed in a single setup.
- B-axis machining, the ATC tooling can also be used in a wide range of applications such as those with a lot of cross/ end face machining, utilizing a wealth of tool variations including slitting/hobbing.

### Automatic Tool Change



During B-axis machining



During an Automatic Tool Change

### Tool holder/ sample workpiece



### Specification

Max. rotary tool speed on ATC tooling	12,000 min <sup>-1</sup>	Total number of tools mountable on machine	34 max. (including B-axis tools)
Motor output	2.2 kW	Tool change time (chip-to-chip)	4.0 sec
Tool holder type	JBS-15T	Maximum tool outer diameter	φ 30 mm
Number of B-axis tools	12 (magazine) + 1 (built-in)	Maximum tool gripping diameter	φ 10 mm (ER16)