

KITAKO

REVOLUTION



PRIDE MACHINERY, INC

1330 N. Red Gum St.
Anaheim, CA 92806-1317

KITAKO HORIZONTAL CNC LATHES

WITH A REVOLUTIONARY 4-SPINDLE CHECK SYSTEM

Featuring four independent spindles, our MT4-200 CNC lathe offers virtually uninterrupted uptime. Our cutting edge design enables operators to load and upload parts on two spindles while parts are machined on two other spindles. What's more, identical or different parts can be machined independently. Call to learn more.

KITAKO - MT4-200 Specifications

MACHINE SPECIFICATION

Max turning Dia	ø 200mm(7.8in.) x 100mm(4in.L)
Spindle nose	ASA A ² -6
Spindle speed range	A:30 to 3000 min ⁻¹ B:40 to 4000 min ⁻¹ C:Maximum 4000 min ⁻¹
Spindle carrier index (speed)	90 degrees per 2.0 sec. 180 degrees per 2.5 sec.
X-axis stroke	160mm (6.30in.)
Z-axis stroke	250mm (9.84in.)
Rapid speed (X/Z)	12,000/20,000mm/min. (39.37/65.62ft/min.)
Main motor	AC 11/15kW (cont./30min.) x 2
Turret	8st. drum x 2
Machine weight	7,500kg (16.500 lbs)
Power source	60kVA

STANDARD ACCESSORIES

1. 8inch Hyd. chuck x 4
2. Splash guard
3. Coolant system
4. Chuck air blow equipment
5. Chip-conveyor with coolant tank (tank capacity 230 liter)
6. Lub. pressure and level check system
7. Hyd. pressure check system
8. Alarm messages (CRT)
9. Messages for operator (CRT)
10. Maintenance counter (PMC)
11. Tool counter (PMC)
12. Production counter
13. User parameters (PMC)
14. Set-up, maintenance tools

SPECIAL ACCESSORIES

1. Spindle orientation (loading position, within ± 1.5 degree)
2. High pressure coolant system
3. Chuck pressure Hi-Lo change system
4. Loading/unloading equipment
5. Measuring equipment (post-process type)
6. Set-up, maintenance tools

CNC SPECIFICATION (F-18i-TA/2)

Interpolation	Linear, circular
Controlled Axes	2 axes(X/Z) x 2
Simultaneous controlled axes	2 axes x 2
Least input increment	0.001mm (0.0001 in.)
Least command increment	X:0.0005mm/p, Z:0.001mm/p (X:0.00002in./p, Z:0.00004in./p)
Max. program dimension	± 99999.999mm (±3937.0078in.)
Feed command/rev.	0.01 to 500.00mm/rev. (0.0001 to 50.000in./rev.)
Thread read command /F4	0.01 to 500.00mm (0.0001 to 50.000in.)
Least manual feed	0.01 to 0.001mm (0.0001in.)
Tool offset value	± 999.99mm(16set) (±99.9999in.)
Backlash compensation	X:0.0005 to 0.1275mm Z:0.001 to 0.255mm
Other standard functions	<ul style="list-style-type: none">• Machine lock• Block delete• Error detect• Constant surface speed control• Incremental tool offset• Decimal point programming• Incremental feed• Reference point return• Chamfering/corner rounding• Tool wear and geometry offset• PMC diagram display• Canned cycles G90/92/94• CRT character display• Memory and edit 20m x 2• Sequence number search• Program number search• Spindle offset• Single block• Dry run• Chamfering• Tape punch interface (RS232C)

CNC OPTIONAL FUNCTIONS

- Additional memory 40/80/160/320/640/1,280m
- Tool life management
- Multiple repetitive cycles G70 to G76
- Stored stroke limit
- Run hour display *Please refer to FANUC brochure

* Specifications are subject to change without prior notice and without any obligation on the part of the manufacturer.

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