



Productivity Proposal

MC-V4020_{w/} THINC Vertical Machining Center



Appearance may vary according to final selected specification
 P200 control start-up is synchronized with the change to Charcoal Grey color scheme.
 Revised photo pending

Applicable model and versions:

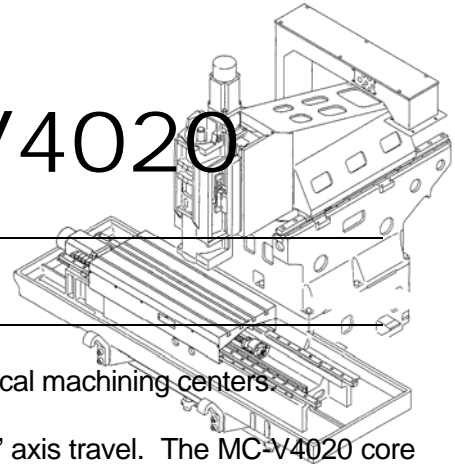
●: Base offering ○: Available specification

MC-V4020 wTHINC	40 Taper	8,000 min ⁻¹	●
	40 Taper	*15,000 min ⁻¹	○

- Notes:
- * 15,000 min-1 spindle selection includes **prep** for 213 psi coolant through spindle.
 - The alternate spindle choices are covered in the technical supplement
 - 50 Taper version (MC-V4020B) is a separate proposal

OKUMA MC-V4020

Introduction



The **MC-V4020** CNC is the next evolution of Okuma CNC vertical machining centers.

V4020 means 40 inches of “X” axis travel and 20 inches of “Y” axis travel. The MC-V4020 core features produce the most efficient and convenient vertical machining center available for milling, boring, drilling, and tapping.

A Thumbnail of the Base Offering:

- ◆ Travels: X: 40” Y: 20.1” Z: 17.7
- ◆ Table size 48” x 20”
- ◆ All cast iron construction
- ◆ 8,000* rpm, 15 /10 hp integral motor
- ◆ Oil-air spindle bearing lubrication
- ◆ Spindle cooling unit and interlocks
- ◆ 1,417 / 1,181 IPM rapid feed X, Y, / Z
- ◆ CAT 40 V-flange specification
- ◆ 20 tool ATC magazine
- ◆ 1.5 sec. T-T; 5 sec. C-C
- ◆ 75g roll-away coolant system (2 x 0.5hp)
- ◆ 3-color signal beacon
- ◆ 200 common variables
- ◆ User Task I + User Task II
- ◆ Built-in 3.5” floppy disk drive
- ◆ RS-232C Port
- ◆ 3-color signal beacon
- ◆ 1 year warranty + Okuma Care + 24 hour emergency parts shipment
- ◆ **THINC Hi-Content Control system**
- ◆ Windows XP OS Embedded
- ◆ 15” TFT LCD
- ◆ Touch screen color display
- ◆ Real time 3D animation
- ◆ 40GB Hard Disk memory
- ◆ 256MB (DDR) RAM
- ◆ Application Program Interfaces (Set)
- ◆ Ethernet +USB ports at OP panel
- ◆ 100 work coordinates
- ◆ 200 tool offset registers
- ◆ Simple load monitor
- ◆ Tool life management
- ◆ IMAP – programming assistant
- ◆ Synchronized Tapping
- ◆ User Task II w/200 common variables
- ◆ Helical Interpolation

*Optional through spindle coolant is available. Please see the technical supplement for system choices.

** E Control Hi-Content upgrade, from sn: 0409

The MC-V4020 continues Okuma’s fundamental commitment to total system engineering of its machine tools. This means ALL Okuma design and manufacture of machine, motors, drives and controls and including the industry leading [Okuma Care_ \(24-7\)](#) support program.

This level of integration and support is an Okuma Trademark. [Your Single Source.](#)

Thank you for considering Okuma Products.