

Highly Efficient Chip Removal Mechanism

- Resolving the chip removal problem of vertical machining

Screw-type chip removal system (standard)

- Fully enclosed sheet metal for the machining area prevents dust and oil mist from spreading into the workshop and reducing the air quality.
- Simple and efficiently design of the chip removal mechanism is applied. Chips are transported by a large amount of cutting coolant from the chip cleaning device to the screw type chip auger located on the front of the machine. The screw-type chip auger will transport the chips to the chip cart located on the left side of the machine. The Operator can clean up the chips easily and simply.

Fully covered enclosure with sheet metal against chips

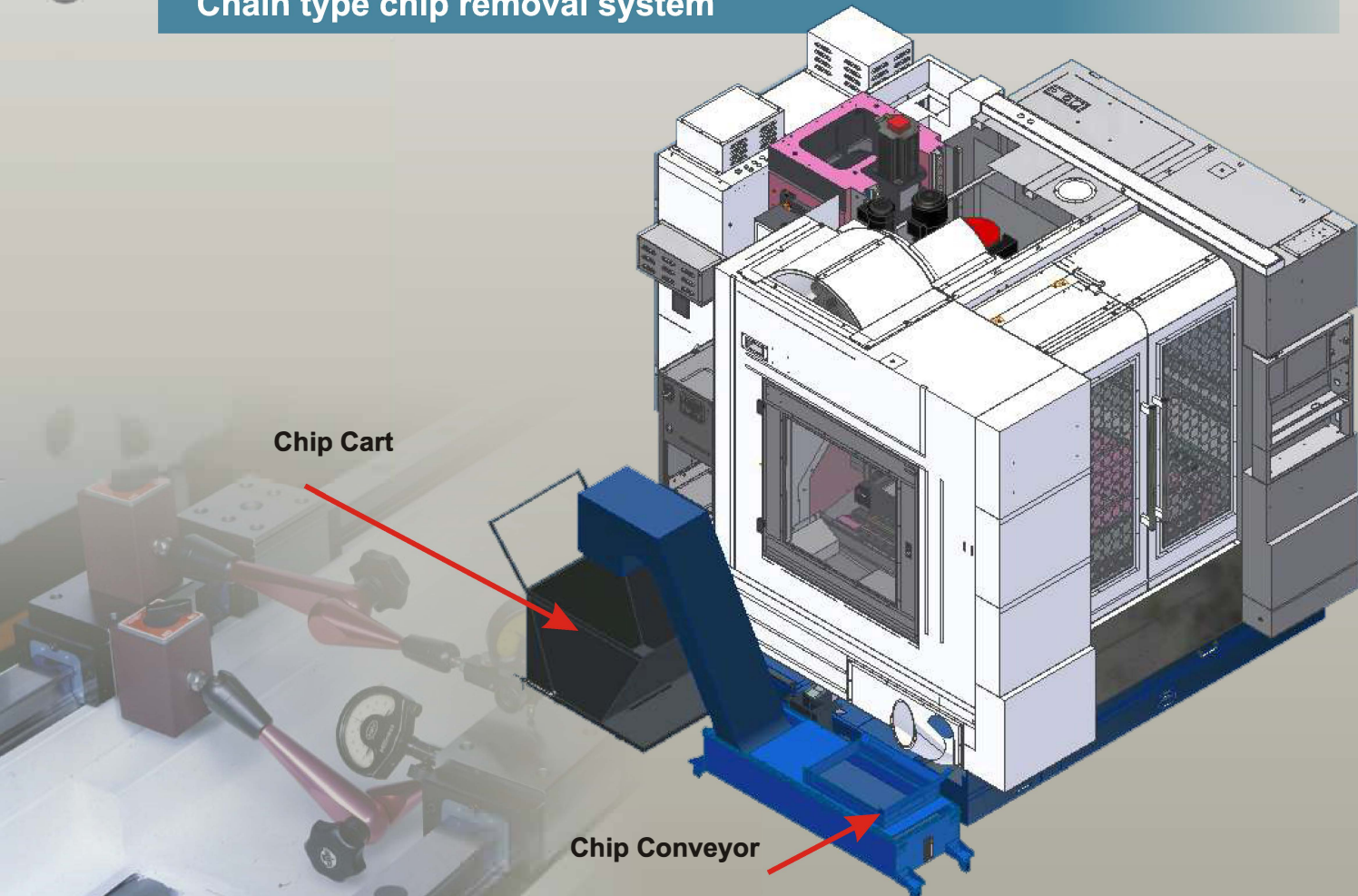
Fully closed sheet metal enclosure (standard)

Z-axis telescopic enclosure (standard)



X/Y-axis telescopic enclosure (standard)

Chain type chip removal system



Chip Cart

Chip Conveyor

Advanced Control System

FANUC (Japan) Controller Series



CNC FANUC Series 0i-MF with Outstanding Reliability and Cost Performance

○:Basic ☆:Option -:Not available

	Model			
	1	2	3	5
Max. number of axes controlled	11	9	6	6
Max. number of paths controlled	2	1	1	1
Display	15/10.4/8.4	10.4/8.4	10.4/8.4	10.4/8.4
Max. cutting feed speed for 1mm-long path program: 60m/min, Max. number of preview blocks: 400	☆	-	-	-
Separated Control Unit	☆	-	-	-
Working network	☆	☆	-	-
High quality machining software packages	☆	☆	☆	-
Large capacity program operation (copy to CF card from USB/ethernet)	○	○	○	○
Preparation and supports before machining	○	○	○	○
Multi-language (Vietnamese, Indonesian, Tamil)	○	○	○	○

Mitsubishi Controller Series

High end controller from Mitsubishi achieves higher productivity and comfort



CNC M800/M80 Series

CNC dedicated CPU

Fine segment processing capacity
High capability in program processing enables a shorter cycle time .

PLC process capability (PCMIX value)
High processing capability of the PLC enables large-scale ladder logic to be processed at high speed.

NC-to-drive communication capability
Optical communication speed between NC and drive has been increased. This improves the system responsiveness, leading to more accurate machining.