

Excellent, Confident, Intellect, Service

Specification

Item		Unit	HRP-13 series
Distance between columns		mm	1300 (without splash guard)
Table size	Length	m	Each 1000 increase from 2M to 10M
	Width	mm	1000 (T-slot wide18mm-pitch 180mm-6 pcs)
Travel	X - axis	m	Each 1000mm increase from 2M to 10M
	Y - axis	mm	1300
	Z - axis	mm	800
Spindle	Nose to table	mm	200 ~ 1000
	Taper / Speed / Power	rpm/kW	BT50-6000rpm-18.5/22kW with ZF-2K250 (1:4) gearbox
X / Y / Z feedrate	Cutting speed	mm/min	5 ~ 12000
	Rapid	m/min	15 / 15 / 15
ATC & tool magazine	Capacity / Max Dia	mm	24pcs / Max. dia Ø110 (full tools) ; Ø200 (Adjacent pocket empty)
	Max tool weight / Length	Kg/mm	18Kg / 300mm
Maximum Table Load		Kg/m ²	2500
Machine size	Length	mm	Each 1000mm increase from 5400~15400
	Width	mm	4500
	Height	mm	4660
Machine weight		ton	18 +2ton / M

ⓘ All data will change based on the actual situation without notice.

Standard Accessories

1. Controller Mitsubishi M720A+10.4"LCD

2. Spindle cooler

3. Spindle air blast

4. Cutting coolant system

5. Auto lubrication system

6. Rigid tapping

7. Electrical cabinet heat exchanger

8. Program end alarm light

9. USB + RS-232 interface

10. Precision two stage gearbox

11. Air/water cleaning equipment

12. Dual screw type chip remover

13. Steel belt type chip conveyor
14. ATC auto door

15. X / Y / Z axis linear guideway

16. X axis ballscrew (X≤4m)

17. X axis rack-pinion+reducer (X≥5m)

18. X axis linear scale

19. X axis steel telescopic cover

20. Y axis JAVARA cover

21. Lectern type control panel + MPG

22. Foot switch for tool released

23. Open type splash guard (two sides)

24. Working lamp + Tools kit

25. Operator manual

26. Base leveling bolt and blocks

Optional Accessories

1. X axis 2M~10M

2. Multi gate

3. Control FANUC, SIEMENS, Heidenhain

4. Special milling head

5. High speed direct-drive spindle

6. CTS and oil moist collection

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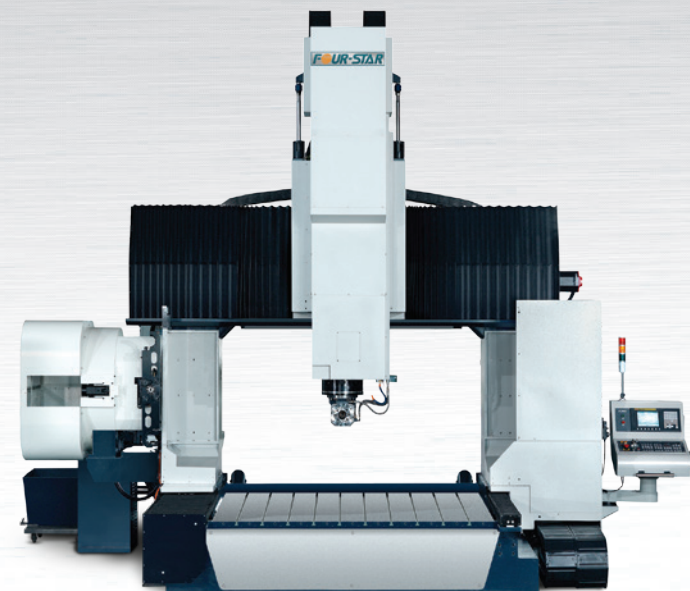
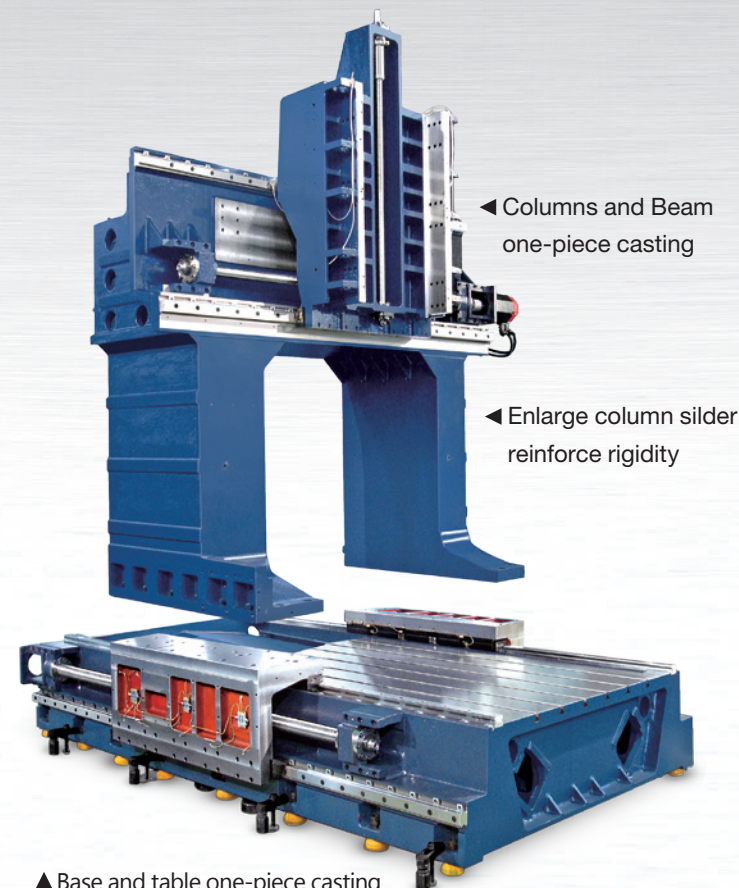
High Rapidly Precision
Machining Center

HRP
SERIES
Twin Gates model

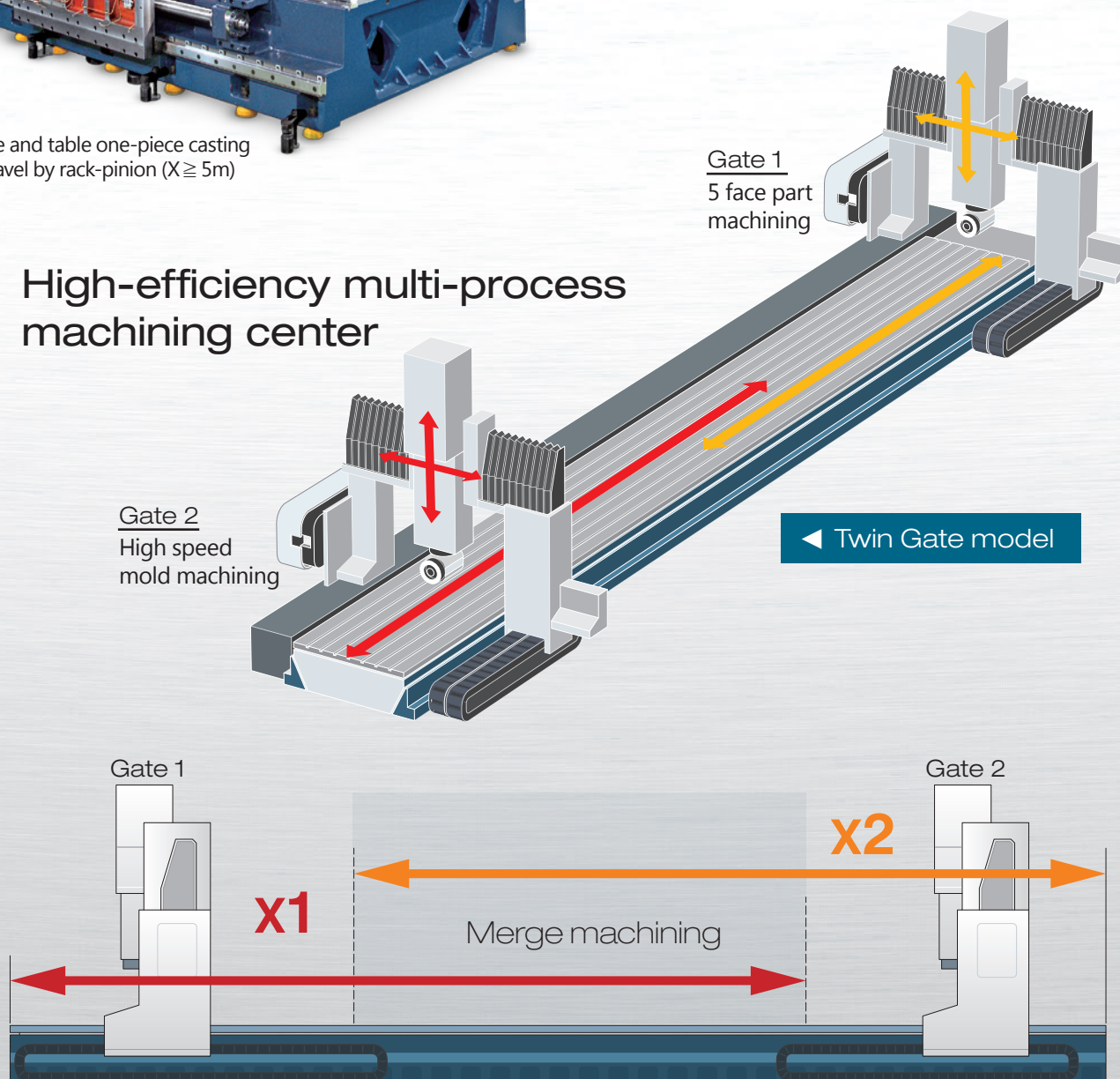


TRAVEL

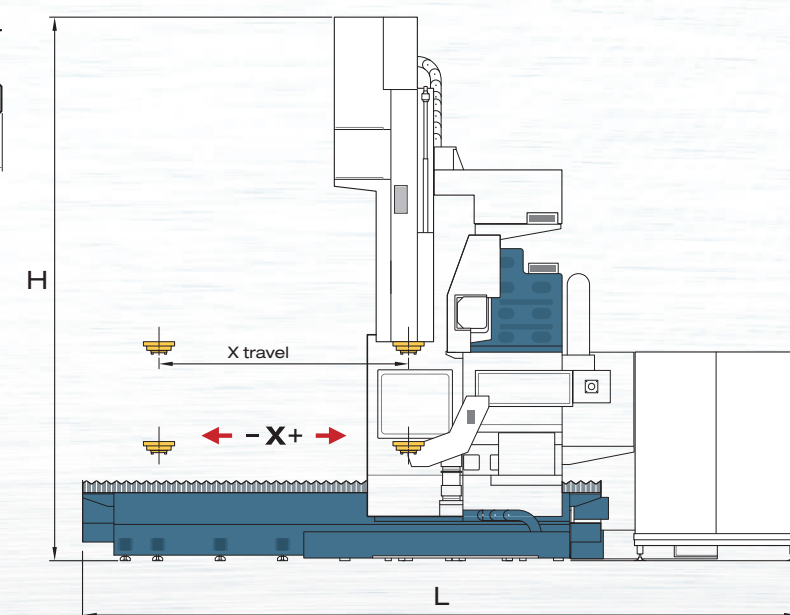
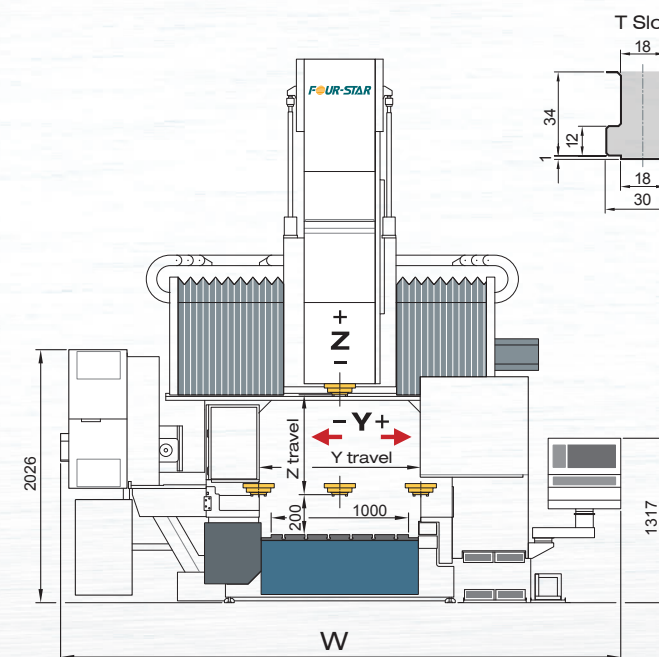
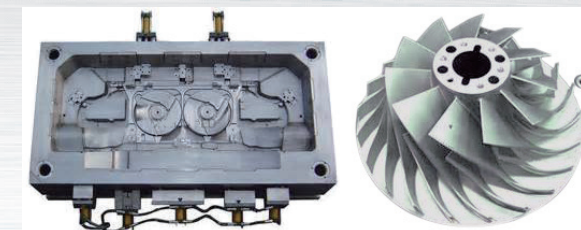
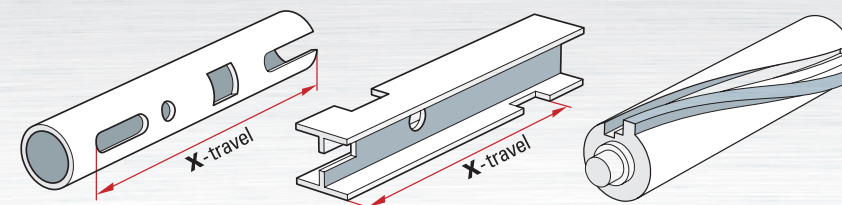
Gate span : 1.3 m
X - travel : 2 m ~ 10 m + AHC
Y - travel : 1.3 m + ATC
Z - travel : 800 mm



High-efficiency multi-process machining center



MACHINE LAYOUT & MOLD PARTS



SPINDLE POWER TORQUE CHART

P4 level precision ball bearing is oil chilled to reduce thermal deformation.

