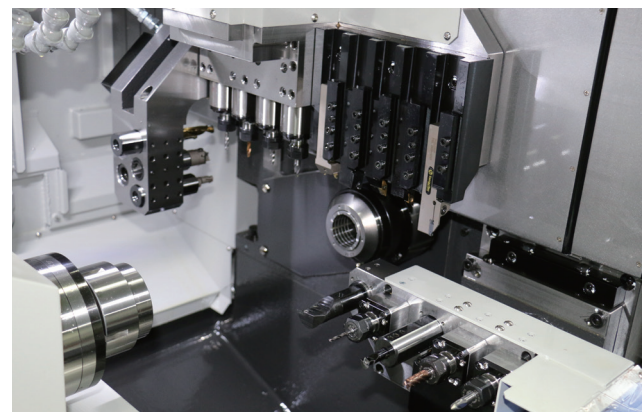


XD42

Specialized 5/6-axis for larger dia. machining (42mm)



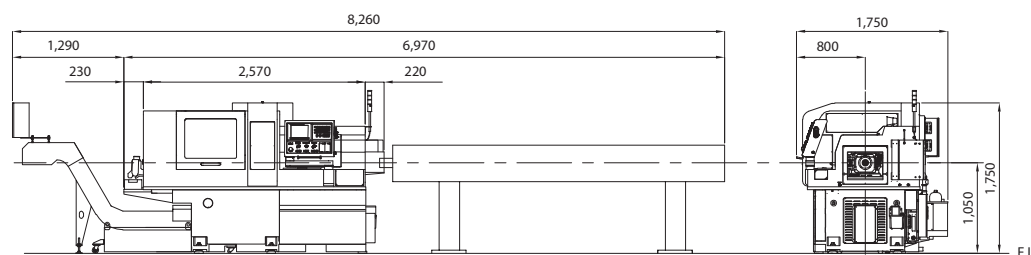
Model	XD42		
	H	N	NH
NC	Hanwha Fanuc-i		
Max. machining diameter (mm)	Ø42		
Z1 Stroke (mm)	320	100	207 (H), 100 (N)
Main spindle	Speed (rpm)	6,000	
	Motor (kW)	5.5/7.5	
OD tool	No. of tools	5 (□20mm)	
Front tool	No. of tools	5 (ER20M, Ø32)	
	No. of tools	4 (ER20M)	
Cross drill	Speed (rpm)	6,000	
	Motor (kW)	2.2	
Off-center drill (Option)	No. of tools	1 (ER20M)	
	type	Gear drive (Modular type drill)	
Sub spindle	Speed (rpm)	6,000	
	Motor (kW)	2.2/5.5	
Back tool	No. of tools	5 (ER20M) (3 Fixed + 2 Driven)	
	Speed (rpm)	6,000	
	Motor (kW)	1.0	
Machine size (L x W x H) (mm)	2,570 x 1,750 x 1,750		
Weight (kg)	4,100		
Power consumption (Cable size)	13.3kVA, 10.6kW (VCTF 16SQ x 4C)		
Air flow rate (Liter/Min)	120 ~ 150		



- Strong machining performance & high-productivity for large bore material
- Strong chucking force with hydraulic cylinder
- Improved bearing system for accuracy
- High rigidity of feed unit (Adopted linear roller guide)

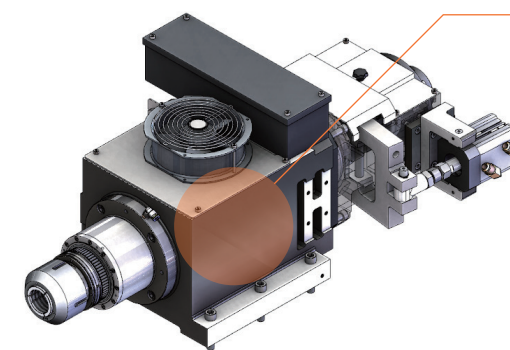
* H : G/B, N : Non-G/B, NH : Convertible G/B

Dimension



Option Tooling

Offers various and flexible toolings for enhancing productivity and covering a variety of customer's needs

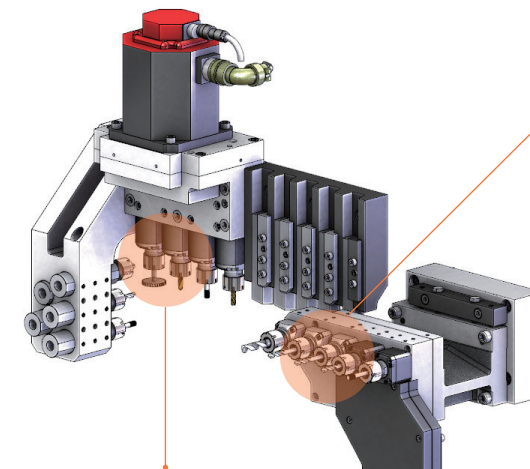


Spindle Unit

- Adopted built-in motor, hydraulic chucking cylinder & 3 toggle system for strong chucking power for Ø42mm material

Specification

6,000rpm
5.5/7.5kW



Back Tool Unit

- A total of 8 tools with Y2-axis and modular type for easy tool change / maintenance

Specification

6,000rpm, 1.0kW
5 tools (ER20M)

Option tool



Cross Drilling / Milling Unit

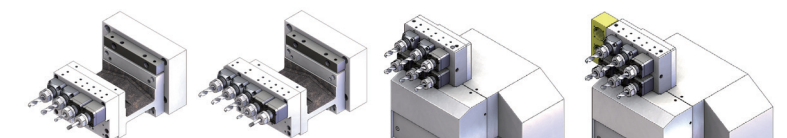
- Powerful cross machining with upper size of tools and the best-in-class motor
- Cross unit with gear modular type as standard for various tooling and easy tool change / maintenance

Specification

6,000rpm, 2.2kW
4 tools (ER20M)

Selectable modules of back tool

Driven max.4



4 tools (2 + 2)
5 tools (2 + 3)
(Unable to use Off-center)
6 tools (Driven max. 5)
* Tool distance : 50mm
8 tools (Driven max. 5)
* With attachable fixed back tool unit (2 drills)
* Unable to use Off-center

Standard

- Main - Sub Cs control (0.001°)
- Rotary Guide bush holder
- Cross drilling · milling unit (4, Gear modular type)
- MPG
- Part conveyor
- Door interlock
- Coolant flow sensor
- Work light
- Signal lamp (3color)
- LAN port
- Tool monitoring function
- Cut off tool breakage detector (S/W)
- Auto power off
- Bar feeder interface

Option

- Bar feeder
- Chip conveyor
- Transformer
- Tap breakage detector
- Pipe type ejection unit
- Off center drill unit (2)
- Middle / High pressure pump
- Oil mist collector
- Oil chiller
- Memory card
- Tooling & Programming
- Internal coolant driven tool (cross, back, off-center)
- 3 Face/counterface driven tool (cross)
- 3 Face/counterface angle driven tool (cross)
- Extended coolant tank
- NC warranty for 2 years