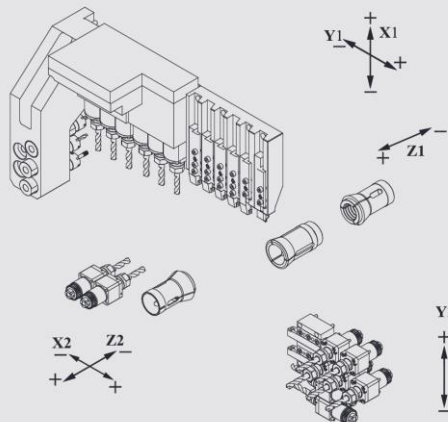
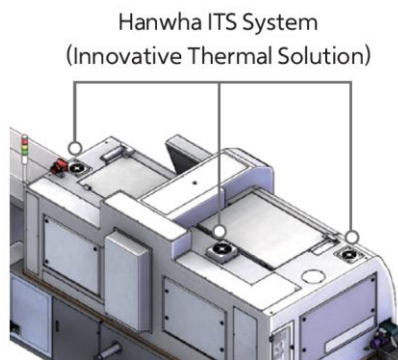
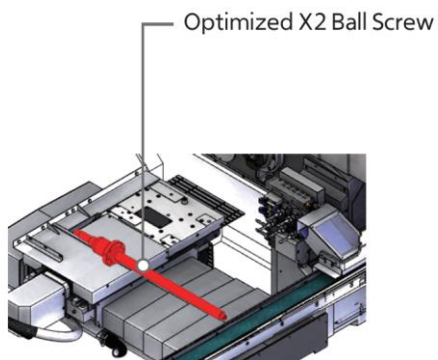


XD38III



Decrease in Thermal Displacement

Optimized design for high-rigidity & minimum thermal displacement

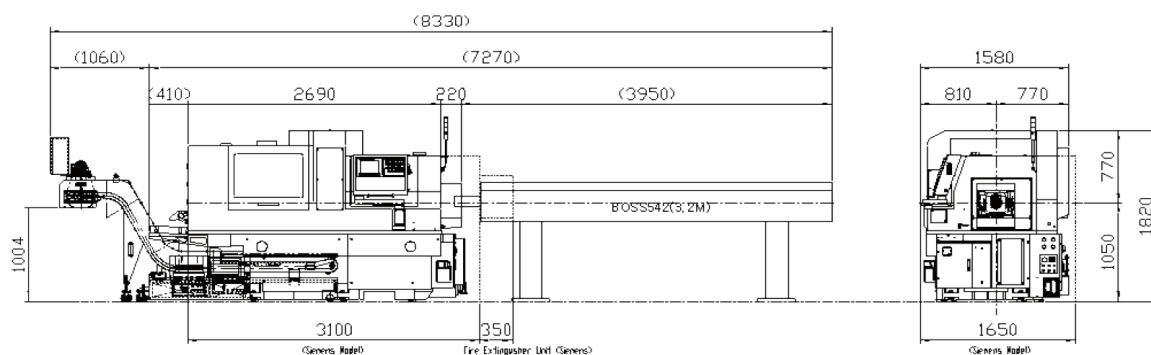


Enhanced Rigid Structure

Powerful performance with enhanced rigidity from structure

- Front Tool Post : Increase thickness by 15mm (than conventional)
- ER20 Modular (Cross-Drill) : Upgrade to ER20 Modular with a bigger bridge
- Back-Tool Post : Rigid structure for heavy-duty work

Dimension



XD38III

3rd Gen. of Ø38, with powerful back-tool unit (Y2, Y2-C)

		Standard	Option
NC		Fanuc 0i-TF Plus / Siemens 828D	Fanuc 32iB
Max. Machining Diameter (mm)		Ø38	Ø40
Z1 Stroke (mm)		320(H), 120(N)	-
Main Spindle	Speed (RPM)	6,500	-
	Motor (kW)	5.5/7.5 (Fanuc), 23 (Siemens)	-
OD Tool		6 (□16mm x 6)	5 (□20mm x 2, □16mm x 3)
Front Tool		10 (Front 5, Back 5)	-
Cross-Drill	# of Tools	6 (ER16 x 6)	6 (ER20 x 2, ER16 x 4)
	Speed (RPM)	6,000	-
	Motor (kW)	2.2 (Fanuc), 2.13 (Siemens)	-
Off-Center Drill (Option)		-	2 (ER16) Modular
Sub-Spindle	Speed (RPM)	6,500	-
	Motor (kW)	2.2/5.5 (Fanuc), 23 (Siemens)	1.1/3.7 (Fanuc Servo)
Back Tool	# of Tools	6 (ER16) (4 Fixed + 2 Driven)	Y2-8 (ER16) Y2 Cross-7 (ER16), 2(□16)
	Speed (RPM)	6,000	-
	Motor (kW)	1.0 (Fanuc), 2.13 (Siemens)	2.2 (Fanuc)
Machine Size (L x W x H, mm)		2,690 x 1,580 x 1,8320 (F) 3,100 x 1,650 x 1,820 (S)	-
Weight (kg)		4,690	-
Power Consumption		3.7kVA (Rated: 14.6kVA) (16SQ) Siemens : 5.4kVA (Rated 36kVA)	-
Air Flow Rate (L/Min)		120~150	-

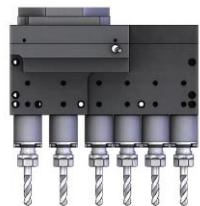
※ Above specification is based on measured value at an optimized condition set by Hanwha.
The performance may vary depending on the operating condition.

XD38III

3rd Gen. of Ø38, with powerful back-tool unit (Y2, Y2-C)

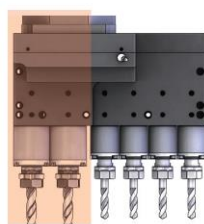
Cross-Drilling/Milling Unit, OD Tool Post

- Larger number of tools than previous model (6 Tools)
- Uses the same Cross-Drill modular with XD38II, XD38II-R (ER16 Modular)
- Options : Cross (ER20 Modular, 2ea) or OD Tool Holder (□20x2)



Standard

- 6 Cross Drills (ER16)
- Motor Power : 2.2kW (Fanuc), 2.13kW (Siemens)
- OD Tool : 6 Turning (□27)

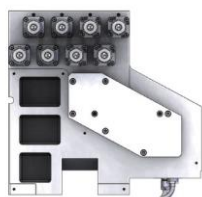


Option

- 6 Cross Drills (ER16x4, ER20x2)
- Motor Power : 2.2kW (Fanuc), 2.13kW (Siemens)
- OD Tool : 5 Turning (□16x3, □20x2)

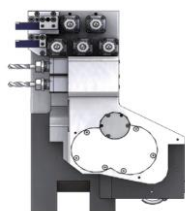
Back Tool Unit

- Y2-axis 8 Back Tool / Y2-axis Back Cross-Tool
- Enhanced rigidity & durability with Gear Connected System (Gear Driven Modular)
- Compatible tool holder with XD38II & XD38II-R



Standard

- 8 Back Tools (4 Drive, 4 Fix) / (8 Driven, option)
- Motor Power : 1.0kW/2.0kW (Fanuc, option), 2.13kW (Siemens)



Option : Back Cross Tools

- 5 Back Tools (3 Driven 2 Fix, or 5 Driven as an option) / 2 Cross (ER16) / 2 Turning (□16)
- Motor Power : 1.0kW / 2.2kW (Fanuc, option), 2.13kW (Siemens)

Standard

- Main · Sub Cs control (0.001°)
- Rotary Guide bush holder
- Cross drilling · milling unit (5, 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
- Right-way part 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