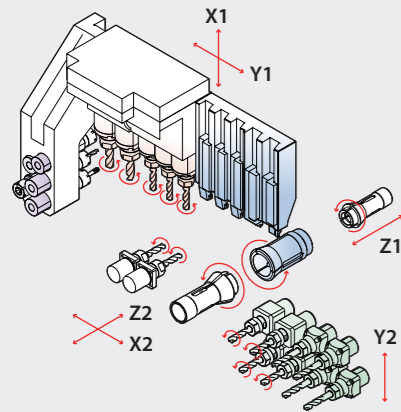


# XD38II-R

The latest 5/6-axis, specialized in heavy duty cutting/ milling of max. dia. 38mm



Model	XD38II-R	
NC	Fanuc 32i-B / Siemens 828D	
Max. machining diameter (mm)	Ø38 (Option : 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	No. of tools	5 (□20mm x 2, □16mm x 3)
	No. of tools	5 (ER20M, Ø32)
Front tool	No. of tools	5 (ER20 x 2, ER16 x 3)
	Speed (rpm)	6,000
Cross drill	Motor (kW)	2.2 (Fanuc), 2.13 (Siemens)
	No. of tools	2 (ER16) Modular
Sub spindle	Speed (rpm)	6,500
	Motor (kW)	2.2/5.5 (Fanuc), 23 (Siemens)
Back tool	No. of tools	8 (ER16) (4 Fixed + 4 Driven)
	Speed (rpm)	6,000
Machine size (L x W x H) (mm)	Motor (kW)	1.0 (Fanuc), 1.02 (Siemens)
	Weight (kg)	2,650 x 1,600 x 1,790
Power consumption (Cable size)	4,600	
Air flow rate (Liter/Min)	14.6kVA, 11.7kW (Siemens : 36kVA, 28.8kW)	
	120 ~ 150	

\* NH : Convertible G/B

## OPTIMIZATION OF STRUCTURE & SPEC

### Specification of G/B & Chuck

Model	XD38II-R	XD38II
NC	Fanuc / Siemens	Fanuc
Type	NH	H/N/NH/He
Guide bush	BRA-42	TD38
Main chuck	TF48	TF44
Sub chuck	TF48	TF44

- Enhanced machining performance with optimized structure/ layout & widened distance between tools
- Easy switching between G/B & Non G/B and enhanced stroke, rigidity and chip disposal
- Flexible material feeding solution (bar feeder, automation unit and robot)

## Optimized Structure & Spec for Ø38mm

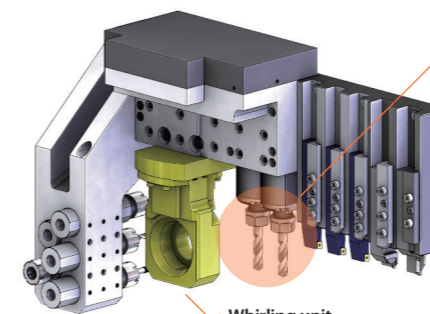
Possible to machine max. Ø40mm (Option)

### Stroke

- Extended stroke to cover various & flexible processing
- Widened distance between tools
- Upper size of tools
- Extended stroke of Z1 for convertible type of G/B (G/B : 205mm → 320mm, Non-G/B : 80mm → 120mm)

Z1	X1	Y1	Z2	X2	Y2
320 (G/B) 120 (Non-G/B)	80	467 (+55*)	350 (+70*)	450 (+55*)	67.7

\* : increased stroke compared to XD38II



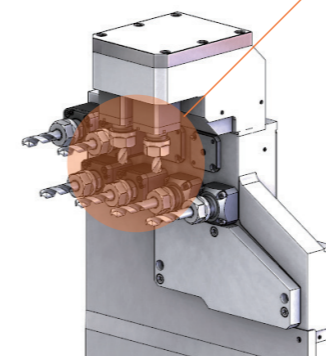
Whirling unit  
※ Other various option units are available

### Cross Drilling / Milling Unit

- Powerful cross machining
- Adopted the best-in-class motor (Capacity : Fanuc 2.2kW, Siemens 2.13kW)
- Gear driven modular
- Gear modular type as standard for various tooling and easy tool change / maintenance

#### Specification

6,000rpm, 2.2kW(Fanuc), 2.13kW(Siemens)  
5 tools (ER20 x 2, ER16 x 3)



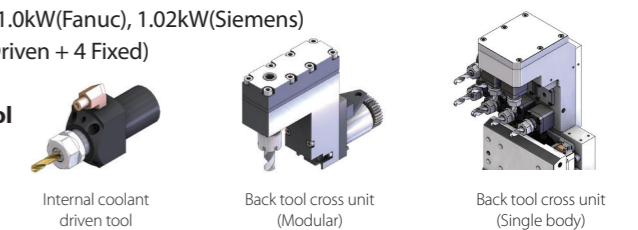
### Back Tool Unit

- Optimized structure for machining large bore material
- Extended tooling layout (Distance between tools : 52mm)
- Various option toolings are available
- Less chip trouble structure

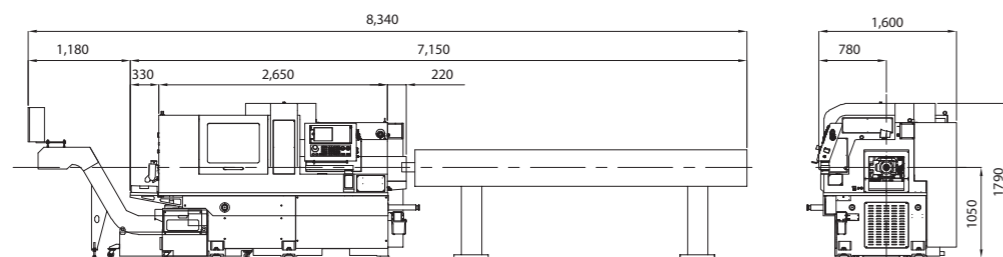
#### Specification

6,000rpm, 1.0kW(Fanuc), 1.02kW(Siemens)  
8 tools (4 Driven + 4 Fixed)

#### Option tool



## Dimension



## 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