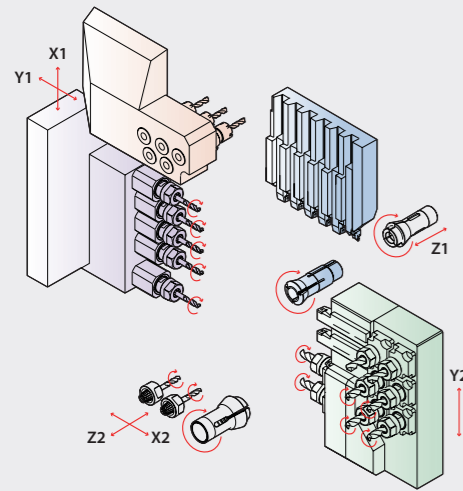


# XV20/26

Incredible Ø20/26 model with rigid double hinged B-axis unit and way better back tool unit (Y2)

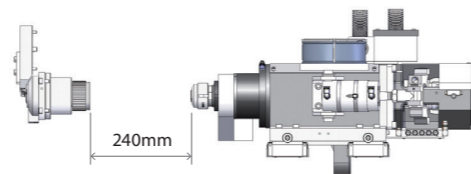


Model		XV20/26
		NH
NC		Fanuc 32i-B / Siemens 828D (* B-axis : 840D)
Max. machining diameter (mm)		Ø20/26
Z1 Stroke (mm)		H : 240, N : 60 (Ø20), 80 (Ø26)
Main spindle	Speed (rpm)	10,000 (Ø20), 8,000 (Ø26)
	Motor (kW)	Fanuc : 2.2/3.7 (Ø20), 2.2/5.5 (Ø26) Siemens : 16
OD tool	No. of tools	6 (□12mm) (Ø20), 5 (□16mm) (Ø26)
	No. of tools	5EA (ER16M, Ø25)
Front tool	No. of tools	5 (ER16) (Ø20), 5 (ER16M) (Ø26)
	Speed (rpm)	9,000
Cross drill	Motor (kW)	2.2 (Fanuc), 2.13 (Siemens)
	No. of tools	2 (ER16)
Off-center drill (Option)	No. of tools	2 (ER16)
Sub spindle	Speed (rpm)	10,000 (Ø20), 8,000 (Ø26)
	Motor (kW)	2.2/3.7 (Fanuc), 16 (Siemens)
Back tool	No. of tools	Back tool : 6 (ER16) (6 driven) OD tool : 3 (□12mm) (Ø20), 2 (□16mm) (Ø26) Cross : 2 (ER16)
	Speed (rpm)	8,000
	Motor (kW)	1.0 (Fanuc), 1.02 (Siemens)
Machine size (L x W x H) (mm)		2,460 x 1,390 x 1,900
Weight (kg)		3,100
Power consumption (Cable size)		9kVA, 7.2kW (VCTF 105Q x 4C)
Air flow rate (Liter/Min)		120 ~ 150

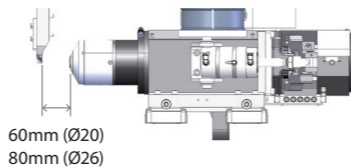
### ADVANTAGES

- Improved new layout is adopted to make easy setting of tool and nozzle
- Double hinged type B axis is adopted with front tool post
- Extended stroke of Z1 240mm and Z2 290mm(Ø20), 286mm(Ø26)

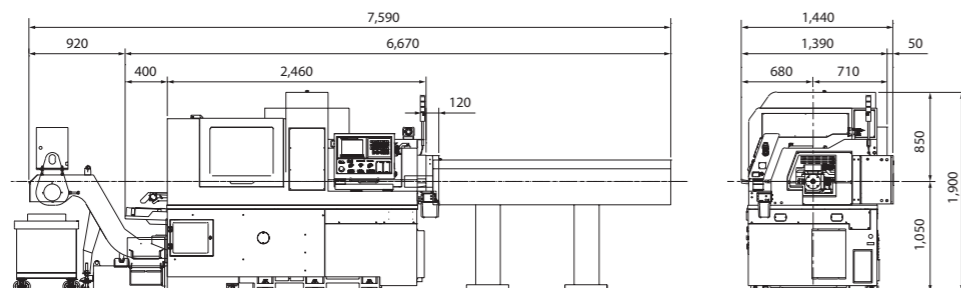
### Guide bush



### None Guide bush



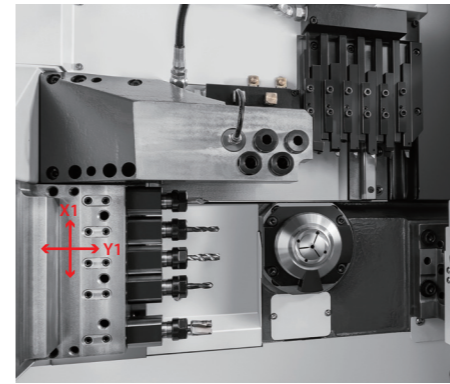
### Dimension



## Efficient and Flexible Structure

Innovative tooling capability with reinforced back tool and double hinged B-axis unit

### Cross Drilling / Milling Unit



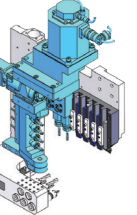
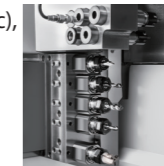
- Double hinged B-axis unit on gang type tool layout
- Front tool post can be applied with B axis

#### Standard Specification

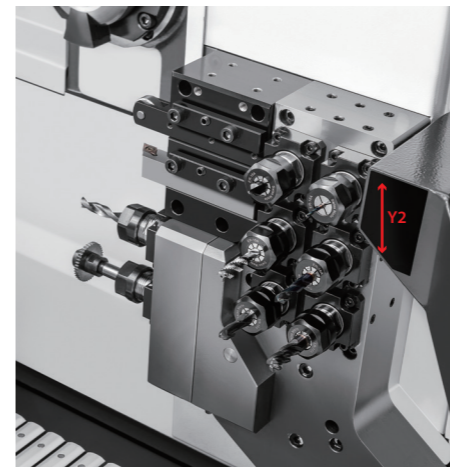
- Powerful cross motor
- Motor power : 2.2kW (Fanuc), 2.13kW (Siemens)
- The same modular with XD20/26II

#### Option Specification

- Double-hinged B-axis tool
- B-axis tools : ER16M x 4, ER11M x 4
- Cross tools : ER16 x 2
- Motor power : 2.2kW (Fanuc), 2.13kW (Siemens)
- Swivel angle : -50° ~ +90°



### Back Tool Unit



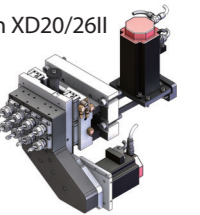
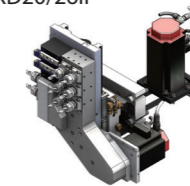
- Y2-axis back tool cross / Y2-axis 8 back tool

#### Standard Specification

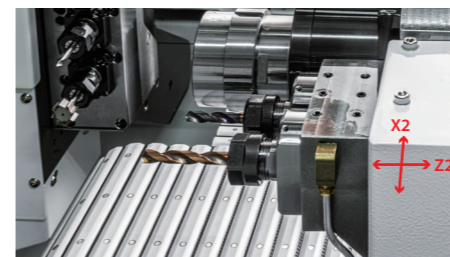
- Back tool cross
- 6 back tools / 2 cross (ER16) / 3 turning (□12) (Ø20) or 2 turning (□16) (Ø26)
- Motor power : 1.0kW (Fanuc), 1.02kW (Siemens)
- The same modular with XD20/26II
- Gear driven modular

#### Option Specification

- 8 back tools
- 4 driven / 4 fixed (ER16)
- Motor power : 1.0kW (Fanuc), 1.02kW (Siemens)
- The same modular with XD20/26II
- Gear driven modular



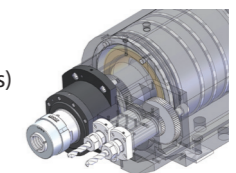
### Sub Built-in Motor & Off-center Unit



- Built-in spindle with off-center drills

#### Option Specification

- 2 off-center drill (ER16)
- Motor power : 2.2/3.7kW (Fanuc), 16kW (Siemens)
- Gear driven of one body type



### 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
- 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