CNC SWISS TURN MACHINE

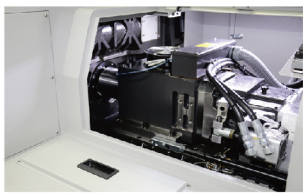
XD42

Best model of high cost-effectiveness with strong machining performance & high-productivity for large bore material

High rigidity
Enhance bed rigidity and adopt profitable structure for stable chucking of large bore material

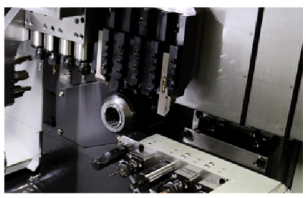
High effeciency
Best productivity with great performance &reasonable price

Optimization
High power of motor & optimized structure for stable machining of die casting, forging materials



- Improved bearing system & rotationary accuracy
- Strong chucking force with hydraulic cylinder

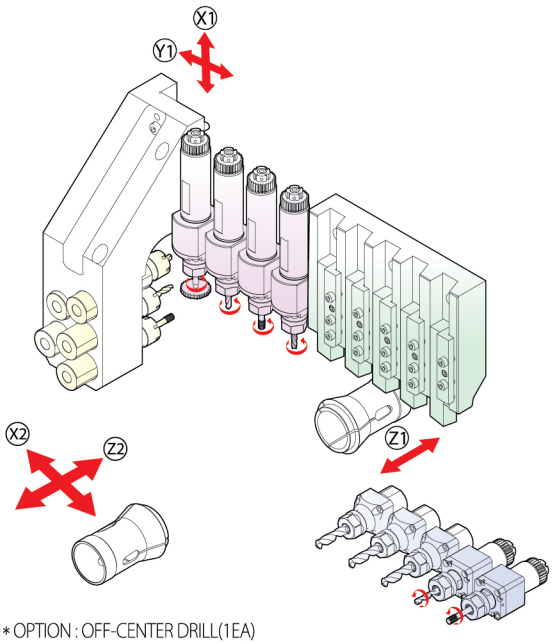
- High-rigidity of feed unit (Applied Linear Roller guide)
- Enhanced durability & great production quality



- Optimized tool layout
- Horizontal gang type tool post
- High-power of motor for cross & back drills

- Improved convenience with option for heavy bar lifting
- Realization of stable machining by lower vibration

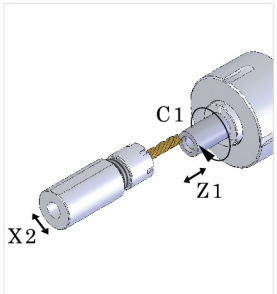
TOOLING SYSTEM



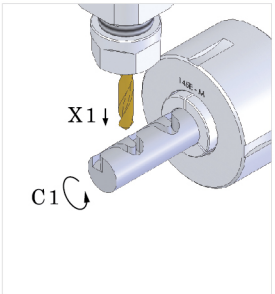
* OPTION : OFF-CENTER DRILL(1EA)

COMPLEX MACHINING

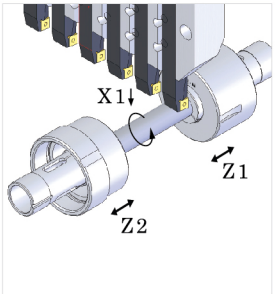
Composite Control



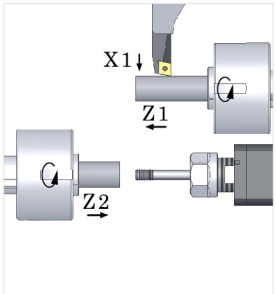
Cs Contouring Control



Synchronous Control



Simultaneous Machining



SPECIFICATION

Model				XD42	
				H Type	N Type
Main	NC			FANUC 0i-TF	
	Max. machining diameter (Main)			Ø 42	Ø 45
	No.of Tools	OD Tool		5 EA (□20)	
		Front Tool		10 EA (ER20M) (FRONT 5, BACK 5)	
		Cross Tool		4 EA (ER20M)	
		Back Tool		5 EA (3Fixed, 2Driven) (ER20M)	
		Off Center Drill		1 EA (ER16) (Option)	
	Motor	Main spindle	rpm	6,000 rpm	4,000 rpm
			Power	5.5/7.5 kW	
		Cross Drill	rpm	6,000 rpm	
			Power	2.2 kW	
		Coolant	Capacity	230 L	
			Pump Motor	1.1 kW	
Sub	Motor	Sub spindle	rpm	6,000 rpm	4,000 rpm
			Power	2.2/5.5 kW	
		Back Tool	rpm	6,000 rpm	
			Power	1.0 kW	
Weight				4,100 kg	
Weight				2,580 x 1,690 x 1,750	
Machine Center Height				1,050 mm	
Power consumption(Cable size)				25 kVA(Min. 35SQ)	
Air Flow Rate				120 ~ 150 Liter/Min	

If Off-center dirll is seleted, back drill is only available for 4EA N: Non G/B type

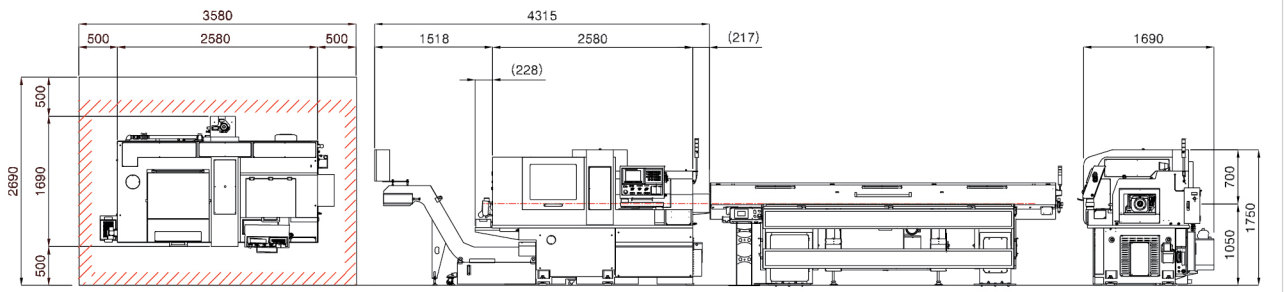
STANDARD

- ROTARY GUIDE BUSH(H TYPE)
- MPG
- PART CONVEYOR
- HYDRAULIC UNIT
- DOOR INTERLOCK
- COOLANT FLOW SENSOR
- COOLANT UNIT
- LUBRICATION UNIT
- BAR FEEDER INTERFACE
- AUTO POWER OFF
- WORK LIGHT
- CUT OFF TOOL BREAKAGE DETECTOR(S/W)
- TOOL MONITORING
- SIGNAL LAMP(3COLOR)
  LAN PORT
- TOOL BOX
- DRILL HOLDERS

OPTION

- 2ND ANTI VIBRATION UNIT (HYBRID STEADY BLOCK)
- TRANSFORMER
- PIPE TYPE EJECTION UNIT
- OFF-CENTER DRILL (1EA)
- ADDITIONAL 1 PIPE SET
- BAR FEEDER
- CHIP CONVEYOR
- MIDDLE/HIGH PRESSURE COOLANT PUMP
- OIL MIST COLLECTOR
- OIL CHILLER
- NC WARRANTY FOR 2 YEARS
- MEMORY CARDS
- SPARE M CODE KIT

DIMENSION



* These products are dual-use items of strategic goods and strictly prohibited from manufacturing illegal weapons. We are not responsible for any effects resulting from the illegal use.