

ST-205/265/266(Ⅰ,Ⅱ)

CNC AUTOMATION LATHE(SWISS TURN)

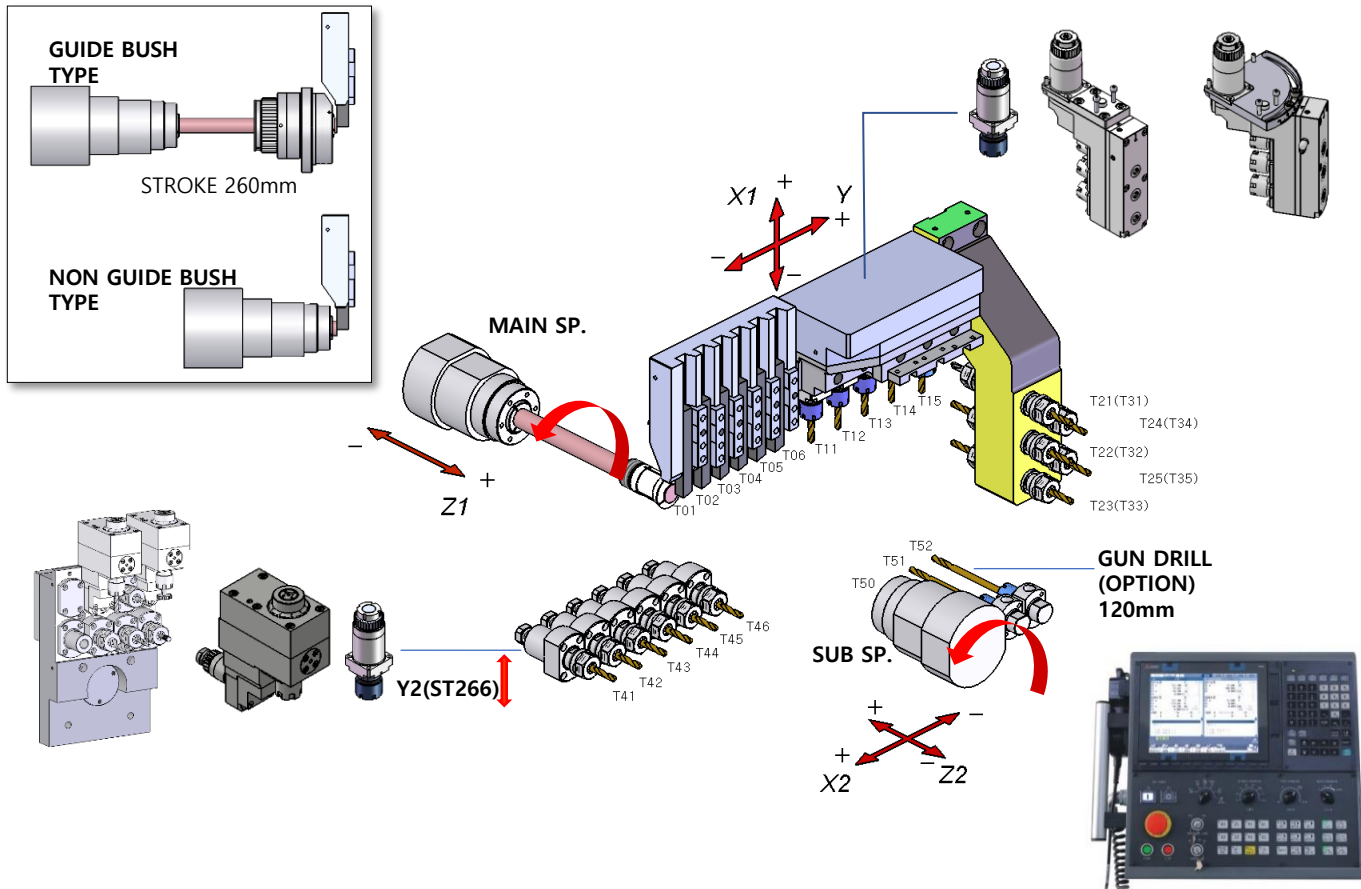


MAIN FEATURES



- ◆ Adopting a high-rigidity guide bush structure and a non-guide bush combined main spindle, specialized for producing multiple types of products.
- ◆ Enhanced milling capabilities with a 5-axis cross standard adoption.
- ◆ Improved production reliability and stability with a high-strength bed structure and built-in main & sub spindle.
- ◆ Enhanced convenience of operation with a wide processing space.

TOOL LAYOUT



MACHINE SPECIFICATION

ITEMS		ST-205	ST-265	ST-266
NC SYSTEM		MITSUBISHI M80	MITSUBISHI M80	MITSUBISHI M80
MAX. TURNING BAR DIA.		Φ22mm(Φ24mm)	Φ26mm(Φ30mm)	Φ26mm(Φ30mm)
MAX. TURNING LENGTH(ONE-CHUCKING)	STATIONARY G/B	-	-	-
	ROTARY G/B	260mm	260mm	260mm
	NON-G/B	50mm	65mm	65mm
OD TURNING	TOOL NO.	6EA (□12mm)	1EA (□16mm)+5EA(□12mm)	1EA (□16mm)+5EA(□12mm)
FRONT BORE/DRILL	TOOL NO.	5EA (ER16M)	5EA (ER16M)	5EA (ER16M)
	MAX. DRILLING	Φ10mm	Φ10mm	Φ10mm
	MAX. TAPPING	M8xP1.25	M8xP1.25	M8xP1.25
CROSS DRILL	TOOL NO.	5EA(ER16)	5EA(ER16)	5EA(ER16)
	MAX. DRILLING	Φ8mm	Φ8mm	Φ8mm
	MAX. TAPPING	M6xP1.0	M6xP1.0	M6xP1.0
BACKEND TOOL	TOOL NO.	4 ~ 6EA(ER16)	4 ~ 6EA(ER16)	4 ~ 6EA(ER16)
	DRIVEN TOOL NO.	2 ~ 4EA	2 ~ 4EA	2 ~ 4EA
MAIN SP./SUB SP. POSITIONING		C1/C2 CONT.+1/1000"	C1/C2 CONT.+1/1000"	C1/C2 CONT.+1/1000"
MAIN SP. MAX. SPEED		8,000RPM	8,000RPM	8,000RPM
MAIN SP. MOTOR POWER		2.2kw/3.7kw	2.2kw/3.7kw	2.2kw/3.7kw
SUB SP. MAX. SPEED		8,000RPM	8,000RPM	8,000RPM
SUB SP. MOTOR POWER		1.5kw/2.2kw	1.5kw/2.2kw	1.5kw/2.2kw
RAPID TRAVERSE		30m/min(X1 : 24m/min)	30m/min(X1 : 24m/min)	30m/min(X1 : 24m/min)
CROSS DRILL MAX. SPEED		max.6,500RPM	max.6,500RPM	max.6,500RPM
CROSS DRILL MOTOR POWER		1.0kw	1.0kw	1.0kw
BACKEND TOOL MAX. SPEED		max.6,000RPM	max.6,000RPM	max.6,000RPM
BACKEND TOOL MOTOR POWER		1.0kw	1.0kw	1.0kw
COOLANT TANK CAPACITY		230Liter	230Liter	230Liter
M/C SIZE(LxWxH)		2,580x1,350x1,820mm	2,580x1,350x1,820mm	2,580x1,350x1,820mm
M/C WEIGHT		2,850kg	2,850kg	2,900kg
ELECTRIC POWER CONSUMPTION		11kVA	11kVA	12kVA

MACHINE STANDARD

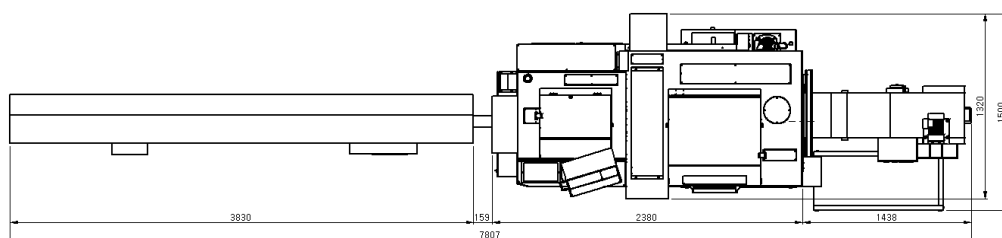
- SYNCHRONOUS ROTARY GUIDE BUSH UNIT
- ALL AXIS RIGID TAPPING FUNCTION
- M CODE CUT OFF DETECTOR DEVICE
- PARTS CONVEYOR
- MPG(HANDLE WHEEL)
- PARTS EJECT AND SUB AIR BLOW UNIT
- WORK LIGHT AND PATROL LIGHT
- BAR FEEDER INTERFACE
- SET UP TOOLS

*THK LM/BALL SCREW/NSK/FAG BEARINGS/SMC SOLENOID

MACHINE OPTION

- BAR FEEDER
- STATIONARY GUIDE BUSH
- CHIP CONVEYOR
- SUB FRONT ROTARY TOOL(2 AXIS)/BACKEND ROTARY TOOL(2~4 AXIS)
- LONG PART DISCHARGING UNIT
- M CODE OIL BLOW
- HIGH PRESSURE COOLANT UNIT
- OIL MIST COLLECTER

ST205/265/266 INSTALL AREA(Unit : mm)



MEMO



CONVERTIBLE TO NON GUIDE BUS
H TYPE SPINDLE(BUILT IN MOTOR)



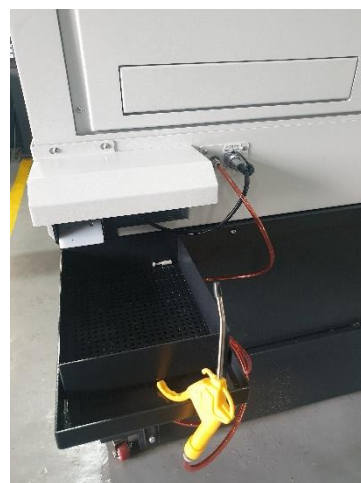
SUB SPINDLE(BUILT IN MOTOR)



COOLANT PIPING NOZ
ZLE



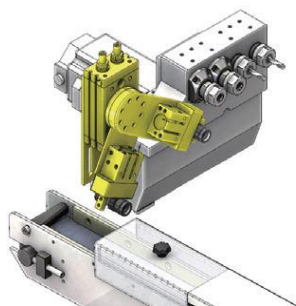
COOLANT FLOW SENS
OR



PARTS CONVEYOR & AIR GUN
& BOX



MONITOR SCREEN



PARTS GRIPPER(OPTION)



HYDRAULIC 3 JAWS CHUCK(OPTI
ON)