

ST-465/525(Ⅰ,Ⅱ)

CNC AUTOMATION LATHE(SWISS TURN)

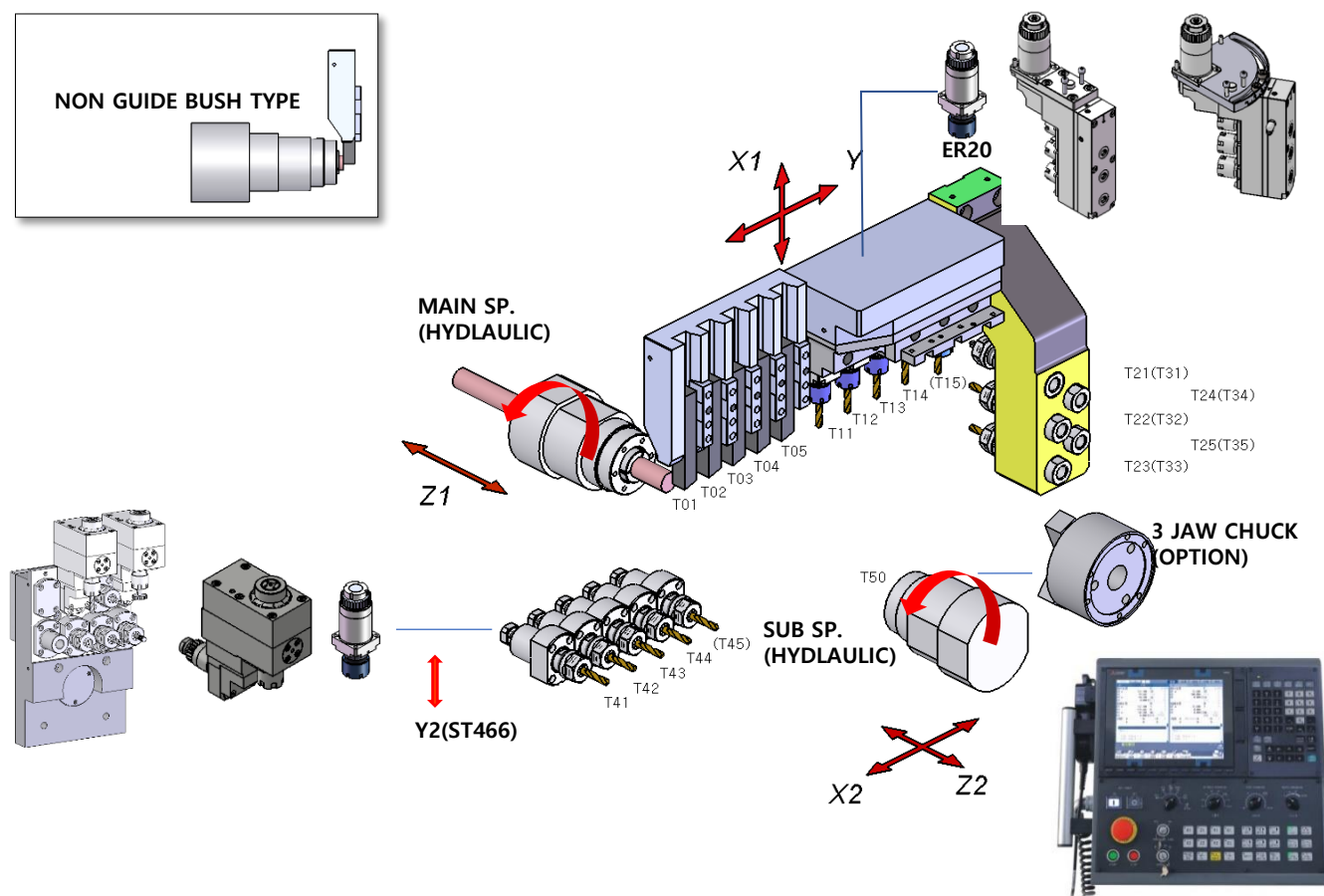
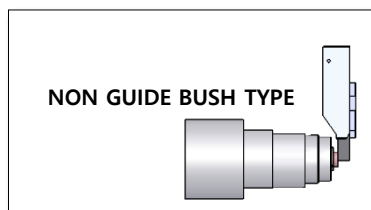


MAIN FEATURES



- ◆ Adopting a hydraulic chucking spindle structure suitable for large workpieces and a twin spindle turning center for high productivity.
- ◆ Enhancing compound machining capabilities with 4-axis cross milling function.
- ◆ Wide chucking range enabled by hydraulic 3-jaw chuck on the sub-spindle.
- ◆ Enhanced convenience in machining with wide working space.

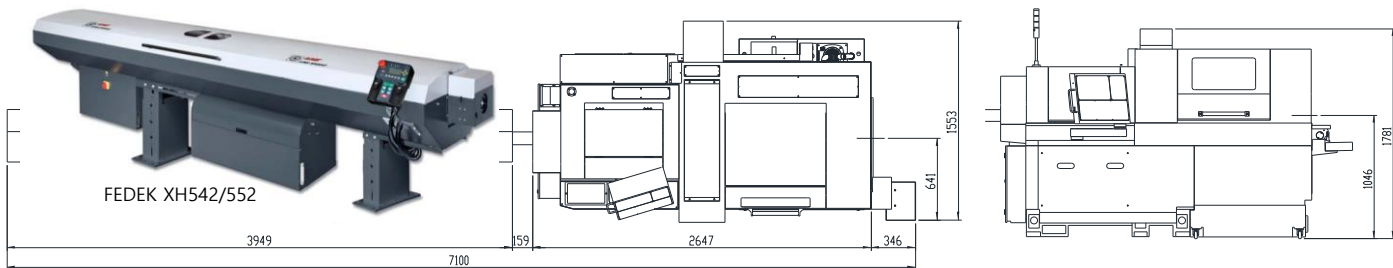
TOOL LAYOUT



MACHINE SPECIFICATION

ITEMS		ST-465	ST-525	ST-466
NC SYSTEM		MITSUBISHI M80/FANUC0iTF	MITSUBISHI M80/FANUC0iTF	MITSUBISHI M80/FANUC0iTF
MAX. TURNING BAR DIA.		Φ46mm(Φ46mm)	Φ52mm(Φ52mm)	Φ46mm(Φ46mm)
MAX. TURNING LENGTH(ONE-CHUCKING)	STATIONARY G/B	-	-	-
	ROTARY G/B	-	-	-
	NON-G/B	100mm	100mm	100mm
OD TURNING	TOOL NO.	5EA (2-□20mm,3-□16mm)	5EA (2-□20mm,3-□16mm)	5EA (2-□20mm,3-□16mm)
FRONT BORE/DRILL	TOOL NO.	5EA (ER20)	5EA (ER20)	5EA (ER20)
	MAX. DRILLING	Φ15mm	Φ15mm	Φ15mm
	MAX. TAPPING	M12xP1.5	M12xP1.5	M12xP1.5
CROSS DRILL	TOOL NO.	4EA(ER20)	4EA(ER20)	4EA(ER20)
	MAX. DRILLING	Φ10mm	Φ10mm	Φ10mm
	MAX. TAPPING	M8xP1.0	M8xP1.0	M8xP1.0
BACKEND TOOL	TOOL NO.	4 ~ 5EA(ER20)	4 ~ 5EA(ER20)	4 ~ 5EA(ER20)
	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		4,500RPM	4,500RPM	4,500RPM
MAIN SP. MOTOR POWER		7.5kw/35.4Nm	7.5kw/35.4Nm	7.5kw/35.4Nm
SUB SP. MAX. SPEED		5,000RPM	4,500RPM	5,000RPM
SUB SP. MOTOR POWER		7.5kw/31.8Nm(COLLET CHUCK)	7.5kw/35.4Nm(3-JAW CHUCK)	7.5kw/31.8Nm(COLLET CHUCK)
RAPID TRAVERSE		28m/min(X1 : 24m/min)	28m/min(X1 : 24m/min)	28m/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)		2,750x1,650x1,850mm	2,750x1,650x1,850mm	2,750x1,650x1,850mm
M/C WEIGHT		3,300kg	3,350kg	3,350kg
ELECTRIC POWER CONSUMPTION		15kVA	15kVA	15kVA

ST465/525/466 INSTALL AREA(Unit : mm)



AUTOMATIC LOADER/UNLOADER

