



# Siwss Type Turning Lathe

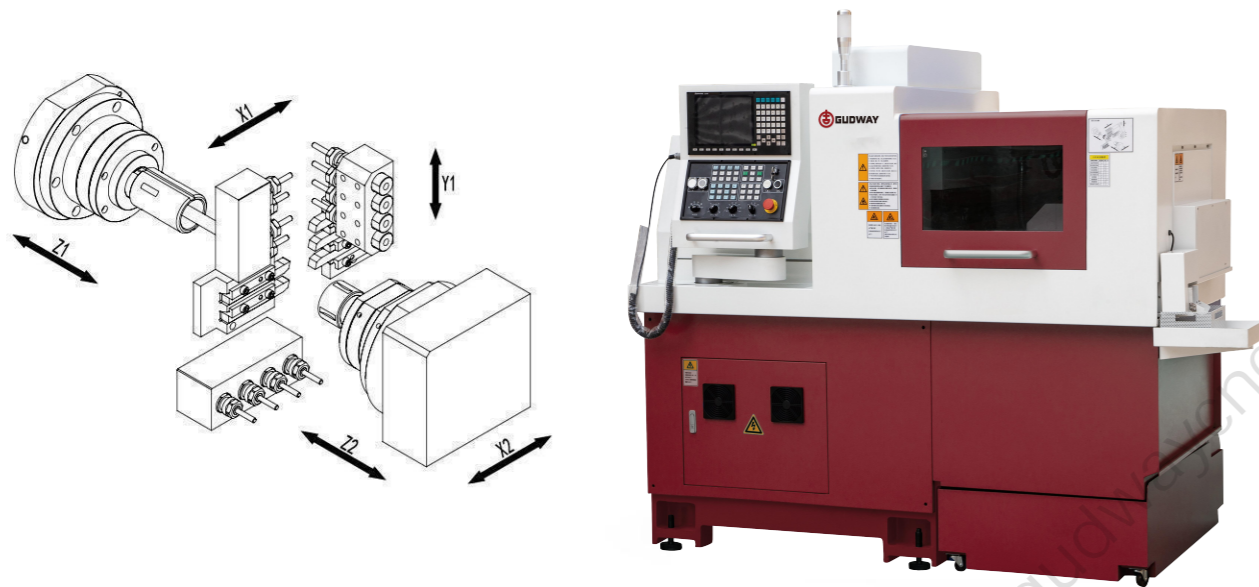
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## GST125

### • Standard

Fixed guide bush	Liquid level detector
No guide sleeve device	External handwheel
Side power prop unit	Spindle oil cooler
Back shaft front loading	LED light
Part transfer unit	LED tricolour light

### • NC function

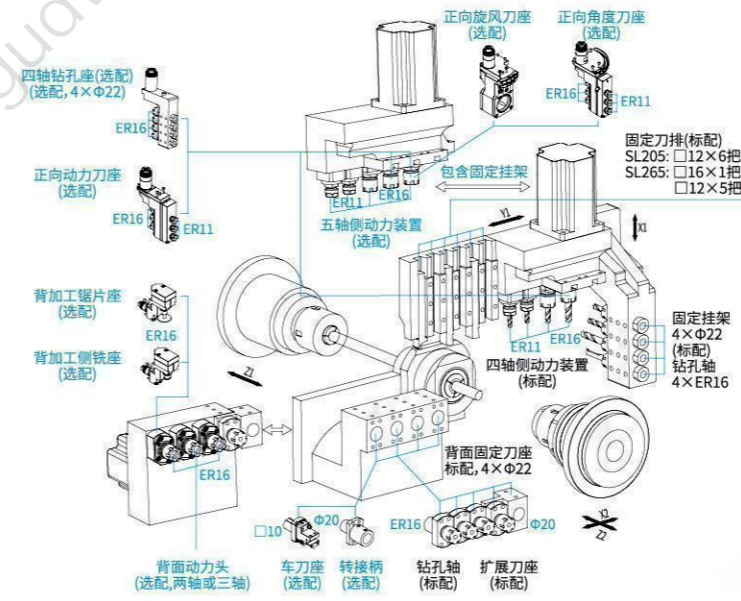
SYNTEC dual channel system
Absolute position servo
Profibus
Back shaft synchronous feeding
Z1/Z2 axis coupling
Hand wheel simulation

### • Optional

Rotating guide bush
High-pressure cooling unit
Oil mist collection device
Chip conveyor
Back power prop
Mitsubishi system

### • Technical Parameter

Model	SL125	
Spindle maximum clamping diameter (mm)	Φ12	
Spindle hole diameter (mm)	Φ16	
Max turning length	Fixed guide bush	180
	Rotating	60
	No device	2.5D(最大 30)
Back shaft maximum clamping diameter (mm)	Φ12	
Spindle max drilling diameter (mm)	Φ7	
Max tapping diameter of spindle	M6	
Back spindle maximum drilling diameter (mm)	Φ7	
Max tapping diameter of the back spindle	M6	
Maximum drilling diameter of radial power head (mm)	Φ6	
Maximum tapping thread diameter of radial power head	M5	
Spindle speed (r/min)	10000	
Back shaft speed(r/min)	10000	
Power tool speed (r/min)	6000	
Fast moving speed (m/min)	30m/min(X2、Y1、Z1)	
	24m/min(X1、Z2)	
Spindle runout (mm)	≤0.002	
Repeated positioning accuracy (mm)	≤0.003	
External tool bit	5 (□10)	
Face drilling tool	4 (ER11)	
Side power tool	4 (ER11)	
Back drilling tool	4 (ER11)	
Spindle power(kW)	1.5	
Back shaft power (kW)	1.5	
Side Power Tool Power (kW)	0.75	
Coolant pump (kW)	0.25	
Machine Weight (kg)	1800	
Machine size (L x W x H) (mm)	2070×1100×1700	



## GST205/265

### • Standard

Rotating guide bush	Liquid level detector
No guide sleeve device	External handwheel
Side power prop unit	Spindle oil cooler
Back shaft front loading	LED light
Part transfer unit	LED tricolour light

### • NC function

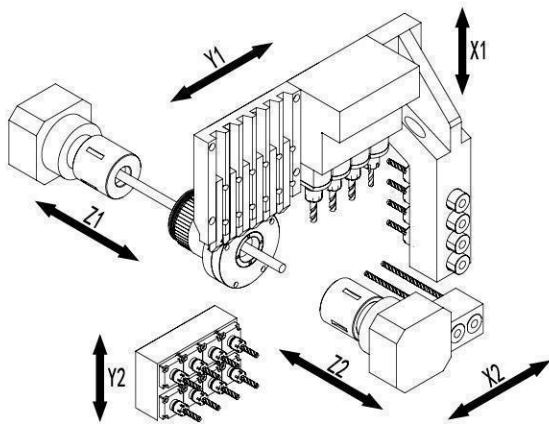
SYNTEC dual channel system
Absolute position servo
Profibus
Back shaft synchronous feeding
Z1/Z2 axis coupling
Hand wheel simulation

### • Optional

High-pressure cooling unit
Oil mist collection device
Chip conveyor
Back power prop
Positive power tool holder
Mitsubishi/Fanuc

### • Technical Parameter

Model	SL205	SL265
Spindle maximum clamping diameter (mm)	Φ20	Φ26
Spindle hole diameter (mm)	Φ25	Φ30
Max turning length	Fixed guide bush	220
	Rotating	180
	No device	50
Back shaft maximum clamping diameter (mm)	Φ20	Φ26
Spindle max drilling diameter (mm)	Φ10	Φ10
Max tapping diameter of spindle	M10	M10
Back spindle maximum drilling diameter (mm)	Φ10	Φ10
Max tapping diameter of the back spindle	M8	M8
Max drilling diameter of side power head (mm)	Φ8	Φ8
Max tapping diameter of side power head	M6	M6
Spindle speed (r/min)	8000	8000
Back shaft speed(r/min)	8000	8000
Power tool speed (r/min)	5000	5000
Fast moving speed (m/min)	24	24
Spindle runout (mm)	≤0.002	≤0.002
Repeated positioning accuracy (mm)	≤0.003	≤0.003
External tool bit	6 (□12)	1 (□16) +5 (□12)
Face drilling tool	4 (ER16)	4 (ER16)
Side power tool	2 (ER11) +2 (ER16)	2 (ER11) +2 (ER16)
Back drilling tool	4 (ER16)	4 (ER16)
Spindle power(kW)	4.2	4.2
Back shaft power (kW)	3.1	3.1
Side power Motor Power (kW)	1	1
Coolant pump (kW)	0.4	0.4
Machine Weight (kg)	2400	2400
Machine size (L x W x H) (mm)	2380×1300×1770	2380×1300×1770



## GST325/326

### • Standard

Rotating guide bush	Liquid level detector
No guide sleeve device	External handwheel
Side power prop unit	Spindle oil cooler
Back shaft front loading	LED light
Part transfer unit	LED tricolour light
Spindle disc brake device	

### • NC function

SYNTEC dual channel system
Absolute position servo
Profibus
Back shaft synchronous feeding
Z1/Z2 axis coupling
Hand wheel simulation

### • Optional

High-pressure cooling unit
Oil mist collection device
Chip conveyor
Back power prop
Positive power tool holder
Mitsubishi/Fanuc

### • Technical Parameter

Model	SL325	SL326
Max machining diameter (mm)	Φ32 (最大可选配至 Φ35)	
Max machining length (mm)	Rotat guide bush	310mm
	No guide bush	2.5D (最大 80)
Maximum borehole diameter of spindle (mm)	Φ12	
Maximum tapping bore of the main shaft	M12	
Max gripping diameter of the back shaft (mm)	Φ32	
Max borehole diameter of back shaft (mm)	Φ10	
Maximum tapping diameter of the back shaft	M10	
Max drilling diameter of side power head (mm)	Φ10	
Maximum tapping bore of side power head	M8	
Max bore diameter of rear power head (mm)	Φ8 (选配)	Φ8
Maximum tapping bore of rear power head	M6 (选配)	M6
Spindle speed (r/min)	Max.6000	
Back shaft speed (r/min)	Max.6000	
Side power head speed (r/min)	Max.6000	
Rear power head speed (r/min)	Max.6000 (选配)	Max.6000
Fast speed of all axes (m/min)	30	30(X1、X2、Y1、Z1、Z2)
	--	24(Y2)
External tool bit	6 (□ 16)	
Face drilling tool	4 (ER20)	
Transverse power tool	4 (3ER16+1ER20)	
Deep hole drill	2 (ER16)	
Back drilling tool	4 (ER16)	4 (ER16) 最多可选配至 8
Back power tool	4 (ER16) (选配)	4 (ER16) 最多可选配至 8
Spindle (kW)	6.3	
Abaxial (kW)	4.2	
Linear drive shaft (kW)	1.1	1.1(X1、X2、Y1、Z1、Z2)
	--	1(Y2)
Transverse power head (kW)	1.1	
Rear power head (kW)	1 (选配)	1
Cutting oil (kW)	0.4	
Machine Weight (kg)	3750	
Machine size (L x W x H) (mm)	2940×1660×1920	