

# STL32/35/38H

## Most Powerful 3 Paths Turret Machine Ever



### Innovative Performance

Ultimate machining efficiency with 10 station turret



### Best-in-class Tooling Capacity

Capable variety range of tooling(Max.30EA)



### 3 Paths Control System

1st path : Z1, X1, X1, C1/2nd path : Z2, X2, C2, Y2  
3rd path : Z3, X3, Y3, Cs



### High Power & Rigidity



- Powerful built-in motor(8.0kW) on Main & Sub spindle
- Synchronous rotary guide bush unit by spindle motor
- Strong indexing & Cs contouring (0.001°) by hydraulic disk brake

### Maximized Tooling Capabilities



- Turret indexing by servo motor enables to save tool changing time
- Rigid Tapping on All spindles enables to expand the range of working
- various special tools : polygoning, thread whirling and Angle adjustable driven tool etc. 10 stations Mill Turret

### Conspicuous Conveniences



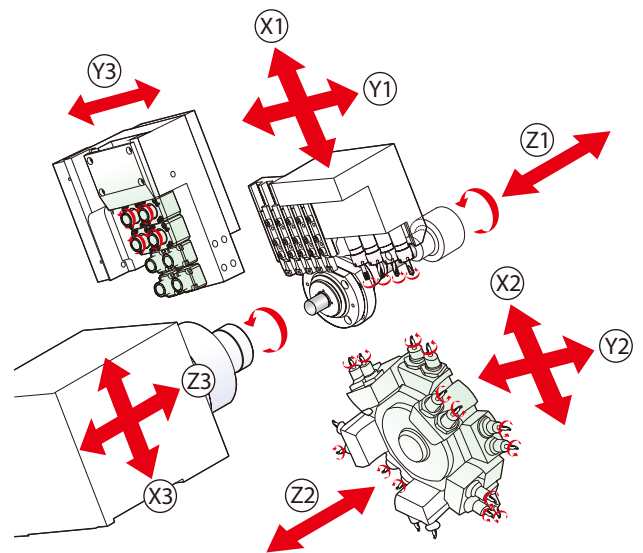
- Free position typed operation panel
- Ethernet outlet & pendant MPG as standard
- Turret spindle locates on Main spindle side for easy tooling and tool change(Center height : 1,050mm) height

### SIEMENS SINUMERIK 840D



- WINDOWS 7 and 15" color LCD display
- Contribute to save tooling time and improved productivity by Advanced dialogic programming
- Programming Guidance function(GM code) & Alarm help function

### TOOLING SYSTEM



\* OPTION : Y3

### COMPLEX MACHINING

#### Balance Cutting (OD+Turret)



#### Synchronous (OD+Turret)



#### Endmill (Turret+Cross)



#### Drilling (Front+Back)

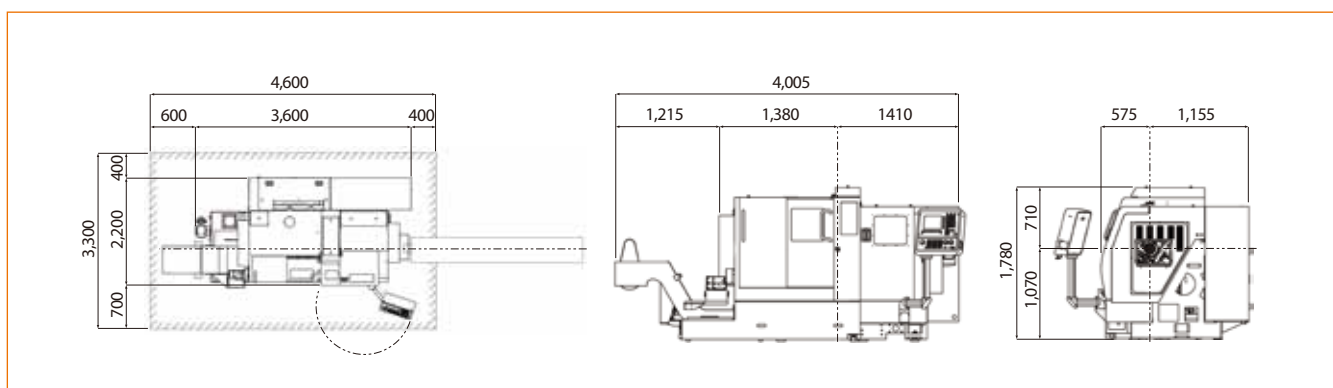


## SPECIFICATION

MODEL	STL32/35/38H		
	H Type	H(Y3) Type	
NC	SIEMENS 840D		
Max. Turning $\phi$ (Main)	$\phi 32/\phi 35/\phi 38$		
No. of Tools	OD Tool	5EA	
	Front Tool	–	
	Cross Tool	4EA	
	Off Center Drill	1TURRET(10 STATION)	
Motor	Main Spindle	rpm 8,000rpm Power 8kW	
	Cross Drill	rpm 6,000rpm Power 1.0kW	
Pump	Lubricant	Capacity 2L Pump Motor 36w	
	Coolant	Capacity 250L Pump Motor 0.9kW	
Weight	4,600kg	4,700kg	
Size(LxWxH)	3,600x2,200x1,780		
Power Consumption(Cable Size)	40KVA(Min 6 SQ)		
Air Flow Rate	20~30 Liter/Min		
SUB	No. of Tools	Back Tool	4EA(Fixed)   8EA(4Driven/4Fixed)
	Motor	Sub Spindle	rpm 7,000rpm Power 8kW
		Back Tool	rpm –   6,000rpm Power –   1.0kW

All specifications are subject to change without notice.

## DIMENSION



## STANDARD

- FULL C AXIS CONTROL ON MAIN SPINDLE
- FULL C AXIS CONTROL ON SUB SPINDLE
- ROTARY GUIDE BUSH HOLDER UNIT
- CROSS DRILL/MILLING UNIT(4EA, Modular type)
- PART CONVEYOR
- MPG
- DOOR INTERLOCK
- COOLANT FLOW SENSOR
- COOLANT UNIT
- LUBRICATION UNIT
- WORK LIGHT
- SIGNAL LAMP(3COLOR)
- LAN PORT
- TOOL MONITORING FUNCTION
- TOOL BOX
- DRILL HOLDERS
- BAR FEEDER INTERFACE

## OPTION

- CHIP CONVEYOR
- CUT OFF TOOL BREAKAGE DETECTOR(S/W)
- TAP BREAKAGE DETECTOR
- PIPE TYPE EJECTION UNIT
- ADDITIONAL 1 PIPE SET
- MIDDLE/HIGH PRESSURE PUMP
- SPARE M CODE KIT
- OIL MIST COLLECTOR
- OIL CHILLER
- NC WARRANTY FOR 2 YEARS
- Y3 AXIS(4DRIVEN/4FIXED)
- TURRET TOOL HOLDERS
- BAR FEEDER/2ND ANTI VIBRATION UNIT