

ST-35Y - MORE INFO AND ALL PRICES POSTED AT HaasCNC.com**SWING DIAMETER**

	S.A.E.	METRIC
Over Front Apron	31.75 "	806 mm
Over Cross Slide	20.75 "	527 mm
Over Tailstock	23.0 "	584 mm

CAPACITIES

	S.A.E.	METRIC
Chuck Size	12.0 "	305 mm
Max Cutting Diameter (varies with turret)	18.0 "	457 mm
Max Cutting Length (without workholding)	23 "	584 mm
Bar Capacity	4.0 "	102 mm
Between Centers	30 "	762 mm

TRAVELS & FEEDRATES

	S.A.E.	METRIC
X Axis	12.5 "	318 mm
Y Axis	±2.00 "	±50.8 mm
Z Axis	23 "	584 mm
Rapids on X	472 in/min	12 m/min
Rapids on Y	472 in/min	12 m/min
Rapids on Z	945 in/min	24.0 m/min
Max Thrust X	4100 lb	18238 N
Max Thrust Y	2300 lb	10231 N
Max Thrust Z	5100 lb	22686 N

SPINDLE

	S.A.E.	METRIC
Max Rating	40 hp	29.8 kW
Max Speed	3200 rpm 3200 rpm	
Max Torque	425 ft-lb @ 325 rpm	576 Nm @ 325 rpm
Spindle Nose	A2-8	A2-8
Spindle Bore ø	4.62 "	117.3 mm

MAIN SPINDLE C AXIS

	S.A.E.	METRIC
Max Rating	5 hp	3.7 kW
Positioning (±)	0.01 °	0.01 °
Brake Clamp Force	1000 lb	4448 N
Brake Diameter	14.4 "	366 mm
Control Type	Interpolated Motion & Positioning	

SPINDLE (OPT)

	S.A.E.	METRIC
Max Rating	40 hp	29.8 kW
Max Speed	2400 rpm 2400 rpm	2400 rpm
Max Torque	1400 ft-lb @150 rpm	1898 Nm @150 rpm
Drive System	2-speed Gearbox	2-speed Gearbox

TURRET

	S.A.E.	METRIC
Number of Tools	12 Stations	12 Stations
OD vs ID Tools	Hybrid 6 BOT/6 VDI (varies with turret style)	
Boring Bar Rear Clearance (from back of turret)	4.0 "	102 mm

LIVE TOOLING

	S.A.E.	METRIC
Max Speed	6000 rpm 6000 rpm	
Tooling	VDI40	VDI40

GENERAL

	S.A.E.	METRIC
Air Required	4 scfm, 100 psi	113 L/min, 6.9 bar
Coolant Capacity	55 gal	208 L