

ST-45**All prices posted at haascnc.com**

SWING DIAMETER	S.A.E.	METRIC
Over Front Apron	34.5 "	876 mm
Over Cross Slide	25.5 "	648 mm
Over Tailstock	25.5 "	648 mm
CAPACITIES	S.A.E.	METRIC
Chuck (optional)	18 "	457 mm
Max Cutting Diameter (varies with turret)	25.5 "	648 mm
Max Cutting Length (without workholding)	44 "	1118 mm
Bar Capacity w/ Opt. Workholding	6.5 "	165 mm
TRAVELS & FEEDRATES	S.A.E.	METRIC
X Axis	17 "	432 mm
Z Axis	44 "	1118 mm
Rapids on X	710 in/min	18.0 m/min
Rapids on Z	710 in/min	18.0 m/min
Max Thrust X	5500 lb	24465 N
Max Thrust Z	9000 lb	40034 N
SPINDLE	S.A.E.	METRIC
Max Rating	40 hp	29.8 kW
Max Speed	1400 rpm	1400 rpm
Max Torque	1400 ft-lb @ 150 rpm	1898 Nm @ 150 rpm
Spindle Nose	A2-11	A2-11
Spindle Bore ø	7.0 "	178.0 mm
SPINDLE (OPT)	S.A.E.	METRIC
Max Rating	55 hp	41 kW
Max Speed	1400 rpm	1400 rpm
Max Torque	2100 ft-lb @ 150 rpm	2847 Nm @ 150 rpm
TURRET	S.A.E.	METRIC
Number of Tools	12 Station BOT	12 Station BOT
OD vs ID Tools	Any Combination (will vary with turret style)	Any Combination (will vary with turret style)
Boring Bar Rear Clearance (from back of turret)	4.37 "	111 mm
GENERAL	S.A.E.	METRIC
Air Required	4 scfm, 100 psi	113 L/min, 6.9 bar
Coolant Capacity	90 gal	341 L