

VF-6/40TR**TRAVELS**

X Axis

Y Axis

Z Axis

A Axis (tilt)

B Axis (rot)

Spindle Nose to Platter (~ max)

Spindle Nose to Platter (~ min)

Spindle Nose to Table (~ max)

Spindle Nose to Table (~ min)

All prices posted at haascnc.com**S.A.E.**

64 "

32 "

30 "

± 120 °

360 °

19 "

-11 "

34 "

4 "

METRIC

1626 mm

813 mm

762 mm

± 120 °

360 °

483 mm

-279 mm

864 mm

102 mm

SPINDLE

Max Rating

Max Speed

Max Torque

Drive System

Max Torque w/opt Gearbox

Taper

Bearing Lubrication

Cooling

S.A.E.

30 hp

8100 rpm

90 ft-lb @ 2000 rpm

Inline Direct-Drive

250 ft-lb @ 450 rpm

CT or BT 40

Air/Oil Injection

Liquid Cooled

METRIC

22.4 kW

8100 rpm

122 Nm @ 2000 rpm

Inline Direct-Drive

339 Nm @ 450 rpm

CT or BT 40

Air/Oil Injection

Liquid Cooled

FEEDRATES

Rapids on X

Rapids on Y

Rapids on Z

Max Cutting

S.A.E.

600 in/min

600 in/min

600 in/min

500 in/min

METRIC

15.2 m/min

15.2 m/min

15.2 m/min

12.7 m/min

AXIS MOTORS

Max Thrust X

Max Thrust Y

Max Thrust Z

S.A.E.

3400 lb

3400 lb

5600 lb

METRIC

15124 N

15124 N

24910 N

TRUNNION

Platter Diameter

Max Weight on Platter

Max Part Swing (reduced at tilt angles > ± 90°)

T-Slot Width

T-Slot Quantity

Pilot Bore Dia

Pilot Bore Depth

Rapids on A

S.A.E.

12.2 "

500 lb

31.0 "

0.625 "

6

3.250 "

Through

3000 °/min

METRIC

310 mm

226.8 kg

787 mm

15.88 mm

6

82.6 (+ 0.0127, -0.0) mm

Through

3000 °/min

Rapids on B	3000 °/min	3000 °/min
Max Cutting A	2000 °/min	2000 °/min
Max Cutting B	2000 °/min	2000 °/min
TOOL CHANGER	S.A.E.	METRIC
Type	SMTC	SMTC
Capacity	24+1	24+1
Max Tool Diameter (adjacent empty)	6 "	152 mm
Max Tool Diameter (full)	3 "	76 mm
Max Tool Length (from gage line)	16 "	406 mm
Max Tool Weight	12 lb	5.4 kg
Tool-to-Tool (avg)	2.8 sec	2.8 sec
Chip-to-Chip (avg)	3.6 sec	3.6 sec
GENERAL	S.A.E.	METRIC
Air Required	4 scfm, 100 psi	113 L/min, 6.9 bar
Coolant Capacity	95 gal	360 L