

EC-1600YZT**TRAVELS**

X Axis

Y Axis

Z Axis

TABLE

Length

Width

T-Slot Width

T-Slot Center Distance

Max Weight on Table (evenly distributed)

SPINDLE

Max Rating

Max Speed

Max Torque

Drive System

Taper

SPINDLE (OPT)

Max Rating

Max Speed

Max Torque

Drive System

4TH AXIS (OPT)

Max Rating

Table

Platter Diameter

Max Weight on Platter

Rotational Torque (continuous)

Backlash

Gear Ratio

Brake Torque

Min Resolution

Indexing Accuracy

Repeatability

FEEDRATES

Rapids on X

Rapids on Y

Rapids on Z

Max Cutting

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

64 "

50 "

40 "

S.A.E.

64 "

36 "

5/8 "

4.92 "

10000 lb

S.A.E.

30 hp

6000 rpm

450 ft-lb @ 500 rpm

2-speed geared head

CT or BT 50

S.A.E.

30 hp

10000 rpm

250 ft-lb @ 600 rpm

2-speed geared head

S.A.E.

5.0 hp

64" x 32"

30 "

10000 lb

2000 ft-lb

30 arc-sec

500:01:00

4000 ft-lb

0.001 °

± 30 arc-sec

15 arc-sec

S.A.E.

540 in/min

540 in/min

540 in/min

500 in/min

S.A.E.**METRIC**

1626 mm

1270 mm

1016 mm

METRIC

1626 mm

914 mm

16 mm

125.0 mm

4536 kg

METRIC

22.4 kW

6000 rpm

610 Nm @ 500 rpm

2-speed geared head

CT or BT 50

METRIC

22.4 kW

10000 rpm

339 Nm @ 600 rpm

2-speed geared head

METRIC

3.7 kW

1626 x 813 mm

762 mm

4536 kg

2712 Nm

30 arc-sec

500:01:00

5423 Nm

0.001 °

± 30 arc-sec

15 arc-sec

METRIC

13.7 m/min

13.7 m/min

13.7 m/min

12.7 m/min

METRIC

Max Thrust X	5600 lb	24910 N
Max Thrust Y	5600 lb	24910 N
Max Thrust Z	7500 lb	33362 N

TOOL CHANGER	S.A.E.	METRIC
Type	SMTC	SMTC
Capacity	30+1	30+1
Max Tool Diameter (full)	4 "	102 mm
Max Tool Length (from gage line)	20 "	508 mm
Max Tool Weight	30 lb	13.6 kg
Tool-to-Tool (avg)	10.3 sec	10.3 sec
Chip-to-Chip (avg)	12.6 sec	12.6 sec

GENERAL	S.A.E.	METRIC
Air Required	9 scfm, 100 psi	225 L/min, 6.9 bar
Coolant Capacity	95 gal	360 L