



Seal and Metal Products of Latin America, S.A. de C.V.

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Machinery Specifications of Seal and Metal Products of Latin America

MACHINING CENTER:

1) Hass VF-2

Table:

Total Length – 36 in (914 mm)
Width – 14 in (356 mm)

Travels:

X – 30 in (762 mm)
Y – 16 in (406 mm)
Z – 20 in (508 mm)

Spindle:

Speed – 7500 rpm (max)

2) Hass Mini Mill

Table:

Work Surface Length – 28.75 in (730.25 mm)
Total Length – 36 in (914 mm)
Width – 12 in (356 mm)

Travels:

X – 16 in (406 mm)
Y – 12 in (304 mm)
Z – 10 in (254 mm)

Spindle:

Speed – 6000 rpm (max)

3) Okuma MX-45VAE

Table:

Work Surface – 510 x 1000 mm (20.08 x 39.37 in)
Table Size – 510 x 1000 mm (20.08 x 39.37 in)

Travels:

X – 762 mm (30 in)
Y – 460 mm (18.11 in)
Z – 450 mm (17.52 in)

Spindle:

Speed – 7000 rpm (max)

4) Okuma VR-40

Table:

Effective Table Size – 900 x 450 mm (35.43 x 17.72 in)
Load Capacity – 350 kgf (770 lbf)

Travels:

X – 560 mm (22.05 in)
Y – 410 mm (16.14 in)
Z – 450 mm (17.72 in)

Spindle:

Speed – 8,000 rpm (max)

5) KIA V25p

Table:

Table Size – 650 x 300 mm (25.6 x 11.8 in)

Travels:

X – 420 mm (16.5 in)
Y – 280 mm (11.0 in)
Z – 380 mm (15.0 in)

Spindle:

Speed – 10,000 rpm (max)

CNC LATHES:

6) Okuma CROWN 1060

Capacity:

No. of controlled Axis: 2
Swing over Bed – $\phi 550$ mm (21.65 in)
Swing over Cross-Slide – $\phi 400$ mm (15.75 in)
Max. turning diameter – $\phi 270$ mm (10.63 in)

Travel:

Z-Axis – 520 mm (20.47 in)
X-Axis – 185 mm (7.28 in)

Spindle:

Speed – 4,200 rpm (max)

7) Okuma LR25-M (T-2Sx250)

Capacity:

No. of controlled Axis: 4
Swing over bed – $\phi 520$ mm (20.47 in)
Swing over carriage - $\phi 370$ mm (20.47 in)
Max. turning diameter x length - $\phi 340$ mm (13.39 in)

Travel:

Z-Axis – 520 mm (20.47 in)
X-Axis – Upper 175+70 mm (6.89+2.76)/Lower 135+45 mm (5.31+1.77 in)
C-Axis – Controllable angle – 360 degrees (0.001 degrees unit)

Spindle:

Speed – 3,500 rpm (max)

Rotary tool (M-tool) spindle speed – 3,000 rpm (max)

8) Okuma LR25 (T-2Sx250)

Capacity:

No. of controlled Axis: 4
Swing over bed – $\phi 520$ mm (20.47 in)
Swing over carriage - $\phi 370$ mm (20.47 in)
Max. turning diameter x length - $\phi 340$ mm (13.39 in)

Travel:

Z-Axis – 520 mm (20.47 in)
X-Axis – Upper 175+70 mm (6.89+2.76)/Lower 135+45 mm (5.31+1.77 in)

Spindle:

Speed – 3,500 rpm (max)

9) Okuma LR25 (C-2Sx1250)

Capacity:

No. of controlled Axis: 4
Swing over bed – $\phi 520$ mm (20.47 in)
Swing over carriage - $\phi 370$ mm (20.47 in)
Distance between centers: 1,250 mm (49.21)
Max. Turning diameter x length - $\phi 340$ mm x 1,250 (13.39 x 49.21 in)

Travel:

Z-Axis – 1,270 mm (50 in)
X-Axis – Upper 175+70 mm (6.89+2.76)/Lower 135+45 mm (5.31+1.77 in)

Spindle:

Speed – 3,500 rpm (max)

10) Okuma LB15

Capacity:

No. of controlled Axis: 2
Swing over bed – $\phi 400$ mm (15.75 in)
Max. turning diameter x length – $\phi 250$ mm x 500 (9.84 x 9.06 in)

Travel:

Z-Axis – 520 mm (20.47 in)
X-Axis – Upper 130+45 mm (5.12+1.77)

Spindle:

Speed – 4,200 rpm (max)

CNC GRINDERS

11) Okuma Universal Grinder GU-245

Capacity:

Distance between centers – 250 mm (9.84)

Swing over table – ϕ 230 mm (9.06 in)

Max. Grinding diameter – ϕ 230 mm (9.06 in)

Max. Work piece weight (supported by centers) – 25 kg (55 lb)

Max. Work piece weight (rotating spindle) – 20 kg x 200 mm (44 lb x 7.87 in)

Grinding Wheel:

Wheel size (OD x W x ID) – ϕ 405 x 50 x ϕ 127 mm (ϕ 15.94 x 1.97 x ϕ 5 in)

Max. peripheral speed – 2,700 m/min (8,858 fpm)

Wheel spindle speeds – 2120, 2420 (2 steps)

Wheel head (X-Axis):

Installing angle (in relation to table direction) – 90 deg. (plain), 70 deg. (angle head)

Travel:

Z-Axis – 700 mm (27.56 in)

X-Axis – 380 mm (14.96 in)