



**SPARKMAN  
INDUSTRIES INC**

### CNC 5-AXIS MACHINING CENTER

#### **Mazak CNC INTEGREX**

INTEGREX i350HN	
Mazatrol Smooth AI	
Swing over bed:	26.0 in
Swing over carriage:	26.0 in
Distance between centers:	62.0 in
Spindle bore:	3.0 in
X Travel:	27.0 in
Y Travel:	12.0 in
Z Travel:	62.0 in
B Travel:	230 deg.
C Travel:	360 deg.
Turning Spindle	35 to 4,000 rpm
Mill Spindle	35 to 12,000 rpm

### CNC VERTICAL MILLS

#### **Mazak – CNC Vertical Milling Center**

VTC-250D/50	
Mazatrol Matrix Nexus 2	
Spindle:	6,000 rpm
Table travel (x):	69.3 in
Cross feed travel (y):	25.0 in
Vertical travel (z):	26.0 in
Rotary Table:	12 in X 4 in hole
Table load capacity:	2,491 lbs.
Table size:	25.0 in x 83.0 in

#### **Mazak – CNC Vertical Milling Center**

VTC-200/50	
Mazatrol 640 Fusion	
Spindle:	6,000 rpm
Table travel (x):	44.1 in
Cross feed travel (y):	20.0 in
Vertical travel (z):	20.0 in
Rotary Table:	12 in X 4 in hole
Table load capacity:	1,760 lbs.
Table size:	20.0 x 57.0 in

#### **Cincinnati – CNC Vertical Milling Center**

CFV-800i	
W/ Fanuc 18iMB	
Spindle:	12,500 rpm
Troyke Rotary Table:	9 in X 2 in hole
Table travel (x):	31.5 in
Table travel (y):	21.3 in
Table travel (z):	22 in
Table load:	1,650 lbs.
Table size:	37.4 in x 20.5 in

### KEYCUTTING

#### **D.C. Morrison Keyseater**

Maximum keyway width:	1.50 in
Maximum keyway length:	9.0 in
Table load capacity:	1500 lbs.
Table size:	24.0 in x 27.0 in

### CNC LATHES

#### **Mazak – CNC Turning Center**

Slant Turn 60N	
Mazatrol 640 Fusion	
Swing over bed:	36.0 in
Swing over carriage:	26.0 in
Distance between centers:	80.0 in
Spindle bore:	6.5 in

#### **Mazak – CNC Turning Center**

Slant Turn 450	
Mazatrol 640 Fusion	
Swing over bed:	26.0 in
Swing over carriage:	22.0 in
Distance between centers:	42.0 in
Spindle bore:	3.5 in

#### **Kingston**

Swing over bed:	34.0 in
Swing over carriage:	25.1 in
Swing in gap:	45.6 in
Distance between centers:	120.0 in
Spindle bore:	4.0 in
Two-axis digital readout	

#### **Kingston**

Swing over bed:	22.0 in
Swing over carriage:	13.0 in
Swing in gap:	30.8 in
Distance between centers:	90.0 in
Spindle bore:	4.0 in
Two-axis digital readout	

### CONVENTIONAL MILLS

#### **Alliant – NC Vertical Mill**

Table travel (x):	25.5 in
Cross feed travel (y):	12.0 in
Vertical travel (z):	16.0 in
Table load capacity:	750 lbs.
Table size:	9.0 in x 42.0 in
Three-axis digital readout	

#### **Bridgeport**

Table travel (x):	30.0 in
Cross feed travel (y):	11.0 in
Vertical travel (z):	16.0 in
Table load capacity:	750 lbs.
Table size:	9.0 in x 48.0 in
Three-axis digital readout	

### SAWS

#### **Wellsaw – Horizontal Band Saw**

Round capacity:	11.0 in
Flat capacity:	14.0 in
Rectangular capacity:	8.0 in x 14.0 in