

# MOVING TABLE 5-AXIS SERIES

## THE AXCIOM AND THE MAXXIS



Basic configuration	Omnitech/rack Axxiom (single Table)	Omnitech/rack Axxiom (twin table)	Anderson Maxxis (twin table)	Anderson Maxxis (twin table)
Application	Plastic trimming/Composites	Plastic trimming/Composite3s	Aluminum/Composites	Aluminum/Composites
<b>Table configuration</b>	Flat	Flat	Flat	Flat
Table Style	HPL Grid	HPL Grid	HPL Grid or Alum 50mm with T Slots	HPL Grid or Alum 50mm with T Slots
Zones	1 zone	1 zone x 2	1 zone	1 zone x 2
Table Size in mm (metric)	1600 x 1800 IP   1600 x 3100 IP	1600 x 1800 IP   1600 x 3100 IP	1600 x 1800 IP   1600 x 3100 IP	width 1600 mm to 3100 mm length 1800 mm to 7000 mm
Table Height	600 mm (23,6 in)	800 mm (31,5 in)	800 mm (31,5 in)	800 mm (31,5 in)
Standard Z (stroke) #1	800 mm (31,5 in)	800 mm (31,5 in)	800 - 1200 mm (31,5 - 47,2 in)	800 - 1200 mm (31,5 - 47,2 in)
Standard Z (stroke) #2	1200 mm (47,2 in)	1200 mm (47,2 in)	1200 mm (47,2 in)	1200 mm (47,2 in)
B and C-axis	B : ± 120°   C : ± 270°	B : ± 120°   C : ± 200°	B : ± 120°   C : ± 270°	B : ± 100°   C : ± 200°
Control	Syntec 5-Axis	Syntec 5-Axis	FANUC 31i or SIEMENS 840D	FANUC 31i or SIEMENS 840D
Router Spindle	HSK 32E, 11 HP (40000 rpm)	HSK 32E, 11 HP (40000 rpm)	10 HP, 15 HP(HSK 63F, 22000 rpm) 20HP (HSK 63E, 18000 rpm)	10 HP, 15 HP(HSK 63F, 22000 rpm) 20HP (HSK 63E, 18000 rpm)
Type ATC	8	8	ATC : 10, 16, 20 Ranrob : 12, 16, 20, 32	ATC : 10, 16, 20 Ranrob : 12, 16, 20, 32
Barriers	n/a	n/a	n/a	n/a
Included	Vac. Prep Kit	Vac. Prep Kit	Vac. Prep Kit	Vac. Prep Kit
Pump Size	BECKER 250 cbm 10,25,40,50 HP (options)	BECKER 250 cbm 10,25,40,50 HP (options)	BECKER 500 cbm 10,25,40,50 HP (options)	BECKER 500 cbm 10,25,40,50 HP (options)
Safety fence	optional	optional	optional	optional
X-Drive System	Rack	Rack	Ball Screw	Ball Screw
Y-Drive System	Rack	Rack	Ball Screw	Ball Screw
V-Drive System	n/a	Rack	n/a	Ball Screw
Z-Drive System	Ball Screw	Ball Screw	Ball Screw	Ball Screw
Rapids/cutting X,Y,Z	X;Y;Z=80/80/24 m/m	X;Y;Z=60/60/20 m/m	X;Y;Z=80/80/24 m/m	X;Y;Z=80/80/24 m/m
Rapids/cutting C, B	B&C=90°/sec 24 m/m	B&C=60°/sec 24 m/m	B&C=90°/sec 24 m/m	B&C=90°/sec 24 m/m
Remote Internet Diagnostics	yes	yes	yes	yes
Tool Holders	yes	yes	n/a	n/a
Touch-Off Device	optional	optional	optional	optional

**The AXXIOM and MAXXIS Series Moving Table 5-axis machining centers set a new level of 5-axis accuracy and machining performance. The combination of a highly rigid base, precision gearbox and high accuracy Servo System make the AXXIOM and MAXXIS an ideal choice for machining plastics, aluminum and composite materials.**

The Anderson fixed bridge and moving table design provides easy machine access in a compact easy-to-access design. The webbed steel substructure remains smooth and rigid while all 5-axis are in full 5-axis machining mode. The AXXIOM

and MAXXIS 5-axis machining centers set a new standard in high speed 5-axis machining.

**AXXIOM**

The AXXIOM 5-axis machining center is designed to handle high speed 5-axis machining trimming, slotting and drilling in thin rigid materials, such as thermoformed plastics and autoclaved composites.

**MAXXIS**

The MAXXIS 5-axis machining center is designed to handle heavy duty 5-axis machining in thicker thermoformed and resin plastics, aluminum and thicker autoclaved composites.

- Advanced 5-axis CNC features are available on both models
- CNC Controls include Ethernet options to provide remote technical support
- Work piece holding flexibility is provided by optional clamping, grid, or manifold vacuum systems

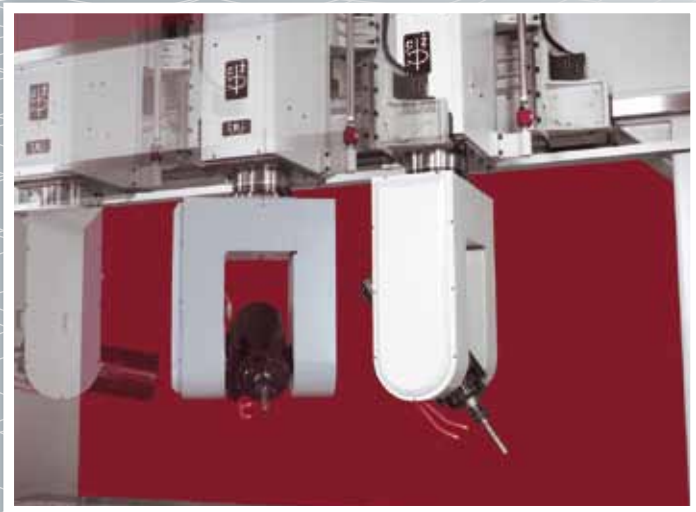
The AXXIOM and MAXXIS both utilize an industry standard G-code for control functions that allows easy interfacing with all major CAD/CAM software and industry standard solid modeling software packages. Additional options include work piece dimension probing, both single and dual zone capabilities and custom configurations upon request.



Plastics and composites trimming



CNC precision machining of composites and aluminum



Several Spindle options are available to meet the application from 8.1 HP 40,000 rpm to 25 HP 22,000 rpm.



Controller options from FANUC, Syntec and Siemens allow for a wide range of motion control options.