

# TRAVELING GANTRY 5 AXIS SERIES

MOVE POD & RAIL | MOVE FLAT TABLE



Basic configuration	Anderson/rack Stratos 5-axis	Anderson/rack Stratos 5-axis
Application	Aluminum Extrusion, Composites, and Wood	Aluminum Extrusion, Composites, and Wood
<b>Table configuration</b>	Flat Table	Pod & Rail
Table Style	Grid	Grid
Zones	2 zone	2 zone
Table Size in mm (inch)	width : 1300   length : 3700 ~ 7200 (every 500 mm)	width : 1300   length : 3700 ~ 7200 (every 500 mm)
Table Height	660 mm (26 in)	660 mm (26 in)
Standard Z (stroke) #1	600 mm (23,6 in)	600 mm (23,6 in)
Standard Z (stroke) #2	800 mm (31,5 in)	800 mm (31,5 in)
B and C-axis	B : ± 100°   C : ± 200°	B : ± 100°   C : ± 200°
Control	Syntec or SIEMENS 840D FANUC	Syntec or SIEMENS 840D (from AIC) FANUC (from local)
Router Spindle	15 HP or 20 HP (HSK 63F, 22000 rpm)	15 HP or 20 HP (HSK 63F, 22000 rpm)
Type ATC	ATC : 20	ATC : 20
Barriers	n/a	n/a
Included	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)
Safety fence	optional	optional
X-Drive System	Rack	Rack
Y-Drive System	Ball Screw	Ball Screw
Z-Drive System	Ball Screw	Ball Screw
Rapids/cutting X,Y,Z	X;Y;Z=60/45/24 m/m	X;Y;Z=60/45/24 m/m
Rapids/cutting C, B	B&C=60°/sec 24 m/m	B&C=60°/sec 24 m/m
Positioning Tolerance(No Scales X, Y, Z)	± 0.05 mm/M	± 0.05mm/M
Repeatability Tolerance(No Scales X, Y, Z)	± 0.03 mm/M	± 0.03mm/M
Positioning Tolerance(Scales C, B)	± 45 arcseconds	± 45 arcseconds

**T**he MAXXIS MOVE Series Traveling Gantry 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 MAXXIS MOVE an ideal choice for machining Long Travel 5-Axis plastics, aluminum and composite materials. The MAXXIS MOVE comes in two machine format configurations.

#### Flat Table Design

This design utilizes a vacuum grid bed to hold work pieces in place. Vacuum plugs

are quickly removed in the grid table to accommodate a variety of work piece requirements. The solid webbed steel modular base comes in a standard 5' x 12' format, but can be expand to lengths of 24' or beyond on request.

#### Pod and Rail Design

This design utilizes a sliding vacuum and clamping system that are used to accommodate a variety of specialized clamps and work piece fixtures. The solid webbed steel modular base comes in a standard 5' x 12' format, but can be expand to lengths of 24' or beyond on request.

#### Design Features

The MAXXIS MOVE 5-axis machining center is designed to handle heavy duty 5-axis machining in wood, aluminum and composites materials.

- 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



Large Heavy Duty open machining envelope – Open machining envelope for both large and small parts.



Custom composites and high precision machining applications



Work Holding – Both Flat Table grid vacuum systems and Pod and Rail Clamping systems available for flexible work holding requirements.