

THE STRATOS SERIES

MOVING GANTRY 3 & 4 AXIS



The STRATOS Series Traveling Gantry 3-axis machining centers set a new level of CNC accuracy and machining performance. The combination of a highly rigid base, steel weldments and castings and high accuracy Servo System make the STRATOS machining centers an ideal choice for machining wood, MDF, plywood, plastic, honeycomb aluminum and solid surface materials.

The Anderson Traveling Gantry design provides easy machine access. The modular concept comes in a variety of machine formats and sizes. The STRATOS machining centers set a new standard in cost effective, high speed CNC machining. CNC Controls include Ethernet options to provide remote technical support; optional C-axis available. Work piece holding flexibility is provided by optional clamping, grid or manifold vacuum systems. The STRATOS CNC Machining Center utilizes 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.

Basic configuration	Stratos SUP/NEST	Stratos Pro	Stratos Pro 24	Stratos Pro XL
No. of vacuum zones	1 or 2	4	4	2
Table size X	3,100 mm (124")	3,700 mm (146")	7,700 mm (303")	3,700 mm (146")
Table size Y	1,600 mm (63")	1,600 mm (63")	1,600 mm (63")	2,100 mm (83")
Stroke of X-axis	3,400 mm (134")	3,900 mm (154")	7,900 mm (311")	3,900 mm (154")
Stroke of Y-axis	2,180 mm (86")	2,180 mm (86")	2,180 mm (86")	2,180 mm (86")
Stroke of Z-axis	250 mm (10")	350 mm (14")	350 mm (14")	350 mm (14")
Rapid travel Speed in X	50 m/min	100 m/min	100 m/min	80 m/min
Rapid travel Speed in Y	50 m/min	100 m/min	100 m/min	60 m/min
Rapid travel Speed in Z	20 m/min	30 m/min	30 m/min	30 m/min
Maximum Rapid Traverse	70 m/min	141 m/min	141 m/min	100 m/min
X-Drive System	Ball Screw	Ball Screw	Ball Screw	Ball Screw
Y-Drive System	Ball Screw	Ball Screw	Ball Screw	Ball Screw
Z-Drive System	Ball Screw	Ball Screw	Ball Screw	Ball Screw
Spindle Data				
Power	9/13.5 kW (12/18 HP)	13.5 kW (18 HP)	13.5 kW (18 HP)	13.5 kW (18 HP)
Max. Speed (rpm)	24,000 rpm	24,000 rpm	24,000 rpm	24,000 rpm
Clamping system	HSK 63	HSK 63	HSK 63	HSK 63
Ride along tool changer	8 / 10 / 12	10 / 12	10 / 12	10 / 12
Boring block	5+5	5+5 or 10+7	5+5 or 10+7	5+5 or 10+7
Vacuum pump	7.5/18.5/30 kW (10/25/40 HP)	7.5/18.5/30 kW (10/25/40 HP)	7.5/18.5/30 kW (10/25/40 HP)	7.5/18.5/30 kW (10/25/40 HP)
Control	FANUC Oi	FANUC Oi	FANUC Oi	FANUC Oi
Dimensions: A	6,000 mm (236")	7,000 mm (276")	9,840 mm (387")	7,000 mm (276")
B	3,550 mm (140")	3,750 mm (148")	3,750 mm (148")	4,250 mm (168")
C	2,800 mm (110")	2,950 mm (116")	2,950 mm (116")	2,950 mm (116")
Weight	5,500 kg (12,125 lbs.)	8,300 kg (18,300 lbs.)	10,500 kg (23,150 lbs.)	10,000 kg (22,046 lbs.)
OPTIONAL				
Reverse Air Flow	optional	optional	optional	optional
Bar-Code Reader	optional	optional	optional	optional
C-axis	optional	optional	optional	optional
Offload Pusher	optional	optional	optional	n/a
Automatic Loading	n/a	optional	optional	n/a
Vector Spindle HSK 63-E	n/a	optional	optional	optional



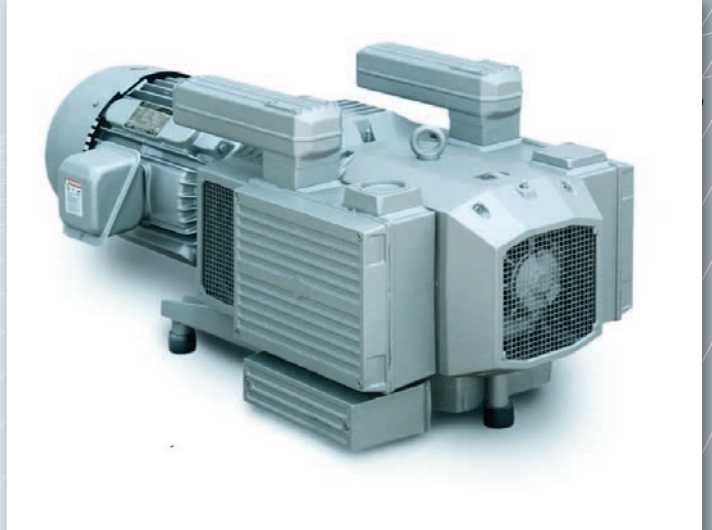
The Stratos Pro XL is available in extended widths up to 12 feet wide and extended lengths up to 40 feet.



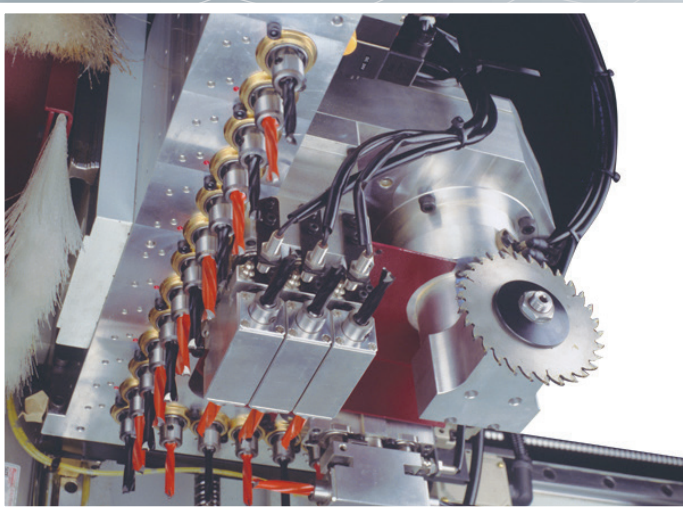
Stratos Pro 24 for Pendulum Processing of large sheets.



Automatic pop-up pins for assisting in part and sheet location are standard on all STRATOS Machines.



The STRATOS Series is available with a wide variety of vacuum pump options including 7.5/18.5/30/37 kW | 10/25/40/50 HP Models.



The STRATOS Series is available with multiple 32 mm system line boring units with vertical, horizontal and grooving saw options.



Common spindle configuration on the STRATOS Series: Line boring unit, HSK spindle, traveling tool carousel.