

# THE GS SERIES

## LINEAR MOTOR DRIVEN MOVING GANTRY 3 & 4 AXIS



In recent years, clients have increasingly higher demand on precision, speed, and efficiency. Traditional woodworking machinery which uses a rotary servo motor with ball screw for planar moving processing is no longer reach their demand. For this reason, Anderson has devoted to the research of higher transmission system, linear motors, to provide linear motors with the best price performance ratio for various woodworking machinery.

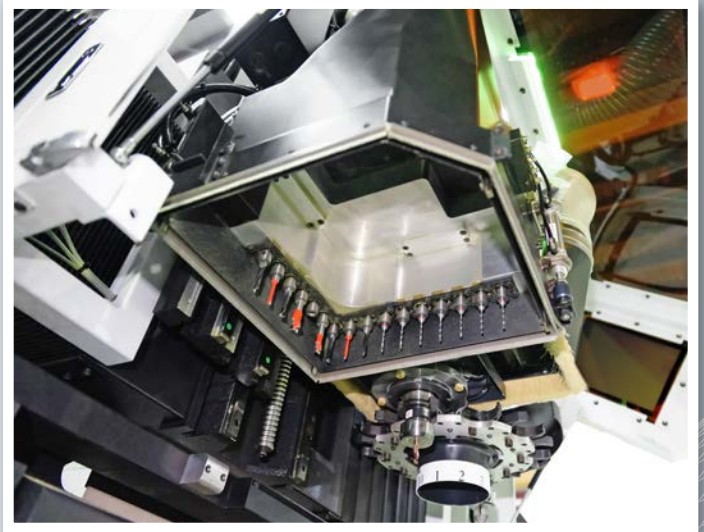
Linear motor technology, which developed by Anderson, be awarded with innovation technology in IWF 2016. It carried with CNC router and is featuring high travel speed along with X and Y-axis and precise gearing and positioning, which replaced the traditional motor and reached new standard of machinery high speed and accuracy.

The gantry moving speed of GS machine that couples with linea motor can reach 120 meters/min; the cutting speed of direct line can reach 60 meters/min. The overall high-speed movement is more agile and powerful, in comparision to ball screws or racks. With faster moving speed of machine and the function of software fast drilling, the overall processing time of machine is reduced. It allows customers have more production in the same working time.

Model		GS - 710
Strokes	X Axis	3,390 mm
	Y Axis	2,585 mm
	Z Axis	200 mm
Table size		3,100 x 2,200 mm
Vaccum area		1
Max. feed speed	X Axis	120 m / min
	Y Axis 380 V / 29 kW	120 m / min
No. 1 ATC Head	Z Axis	30 m / min
	Speed	1,000 - 24,000 rpm
	Spindel	HSK - 63F
	Power	11 kW
No. 2 Multi-Drill - 10 x 7	Drill rotation speed	4,800 rpm
	Shank of drill	ø 10 mm
	Power	2.2 kW
Tool	Shank of router bit	Max. ø 25 mm
	Number of tools	8 - 20
Power		50 A / 415 V / 30 kW
Air pressure	HOS: 3 / 4 "	6 kg / cm <sup>2</sup>
	Consumption	450 L / min
NC Controller		SYNTEC
Dimentions	Floor area	14,000 x 6,500 mm
	Height	2,450 mm
	Weight	12,500 kg



Control panel with Syntec controller; Second display for manual panel labeling



10-tool Carousel with PMM System; Various Boring Unit types With L Shape



Roller System for loading Panels



Automatic up-loading system



Auto up-loading in Labeling System



Auto Labeling System: It allows the operator to run the machine while the printer is labeling on the panel without stopping.