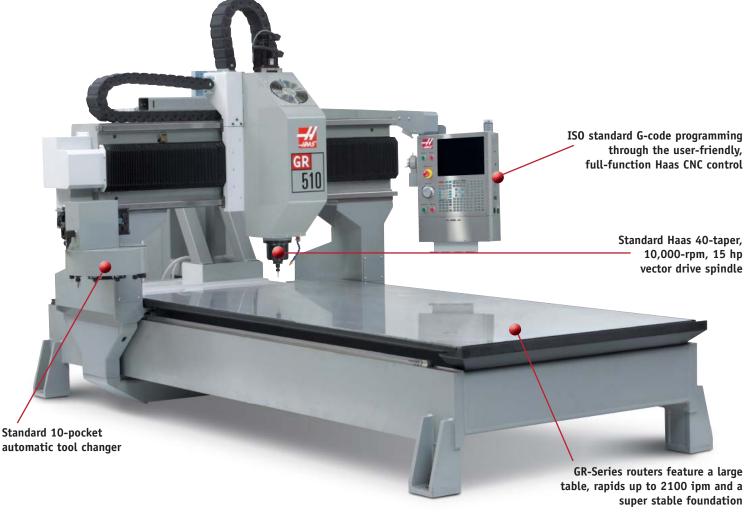
Haas GR Series

The Gantry Router Systems



Warranty: 1 Year Parts and Labor

[Standard Features]

- 15 hp Vector Drive
- 10,000-rpm Spindle
- Standard 40-Taper Tooling
- Rapids up to 2100 ipm
- 10-Pocket Automatic Tool Changer
- 15" Color LCD Monitor w/USB Port
- Brushless Servos on All Axes
- User-Friendly Haas Control
- ISO Standard G-Code Programming
- Made in the USA

[Options] partial list

- 15,000-rpm Spindle
- High-Torque 5000-rpm Spindle
- 6" Extended Z-Axis Clearance
- 24" Extended Z-Axis Travel
- High-Speed Machining w/Look-Ahead
- Rigid Tapping
- 20-Pocket Automatic Tool Changer
- Vacuum Table w/Grid Pattern
- Steel Table, Drilled & Tapped

- Haas Intuitive Programming System
- Coolant System w/95-gal tank
- Remote Jog Handle
- User-Definable Macros
- Ethernet Interface



QLD(07) 3375 1552 VIC (03) 9359 2377 NSW (02) 9584 9611

Haas Automation, Inc. | www.HaasCNC.com |

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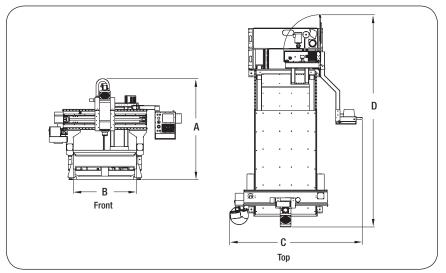
The Haas GR Series gantry-style routers have a powerful 40-taper milling head, and they're available in two sizes. Each GR has a 10,000-rpm, 15 hp vector drive spindle that provides the power to cut aluminum and other metals, and the speed to cut various plastics and other light materials. The rigid steel construction of the GR Series machines provides a very stable cutting platform.



A powerful 40-taper milling head, 10-pocket tool changer and large travels make quick work of long extrusions and large sheets of material.



The standard 10,000-rpm spindle is perfect for routing aluminum, plastic and other light materials. An optional 15,000-rpm or high-torque 5000-rpm spindle are also available.



Operating Dimensions		GR-510	GR-712
A.	Max Operating Height*	99" 2515 mm	99" 2515 mm
B.	Max Between Columns	62" 1575 mm	86" 2184 mm
C.	Max Operating Width	137" 3 480 mm	164" 4166 mm
D.	Max Operating Length [†]	229" 5817 mm	253" 6 426 mm

^{*} With EC6 option, add 6" (152 mm); with EZ24 option, add 26" (660 mm). † Includes additional 36" (914 mm) to open rear service panel.

ISO 9001:2000 SERTIFIED

Specifications subject to change without notice. Not responsible for typographical errors. Machines shown with optional equipment.

[Specifications]

Travels	GR-510	GR-712
Χ	121"	145"
	3073 mm	3683 mm
Υ	61"	85"
	1549 mm	2159 mm
Z	11"	11"
	279 mm	279 mm
Between	62"	86"
Columns	1 575 mm	2184 mm
able		
Length	122"	144"
	3 099 mm	3 658 mm
Width	53"	72"
	1 346 mm	1829 mm
Spindle		
Taper Size	#	40
Speed	10,00	10 rpm
Drive System	Direct Spee	d, Belt Drive
Max Rating	15	hp
<u> </u>		2 kW
Max Torque	17 ft-lb @	4600 rpm
-	23 Nm @	4 600 rpm

Brushless Axis Motors	
Max Thrust Rating	
X Axis	2520 lb
	11 210 N
Y Axis	1020 lb 4537 N
Z Axis	4 537 N 2050 lb
L ANIS	9 119 N
Feedrates	

X Axis Rapids	800 ipm
Y Axis Rapids	20.3 m/min 2100 ipm
i Axis napius	53.3 m/min
Z Axis Rapids	1100 ipm
Max Cutting	27.9 m/min 800 ipm 20.3 m/min
Tool Changer	

Capacity	10 (20 optional)	
Туре	CT 40 (BT 40 optional)	
Max Tool Diameter	3.5"	

Max Tool Diameter	3.5" 89 mm
Max Tool Weight	12 lb 5.4 kg
General	3

Air Required	4 scfm @ 100 psi 113 Lpm @ 6.9 bar
Power Required (min)	195 - 260 VAC 3-Phase
Machine Weight	15,000 lb 19,500 lb 6 804 kg 8 845 kg