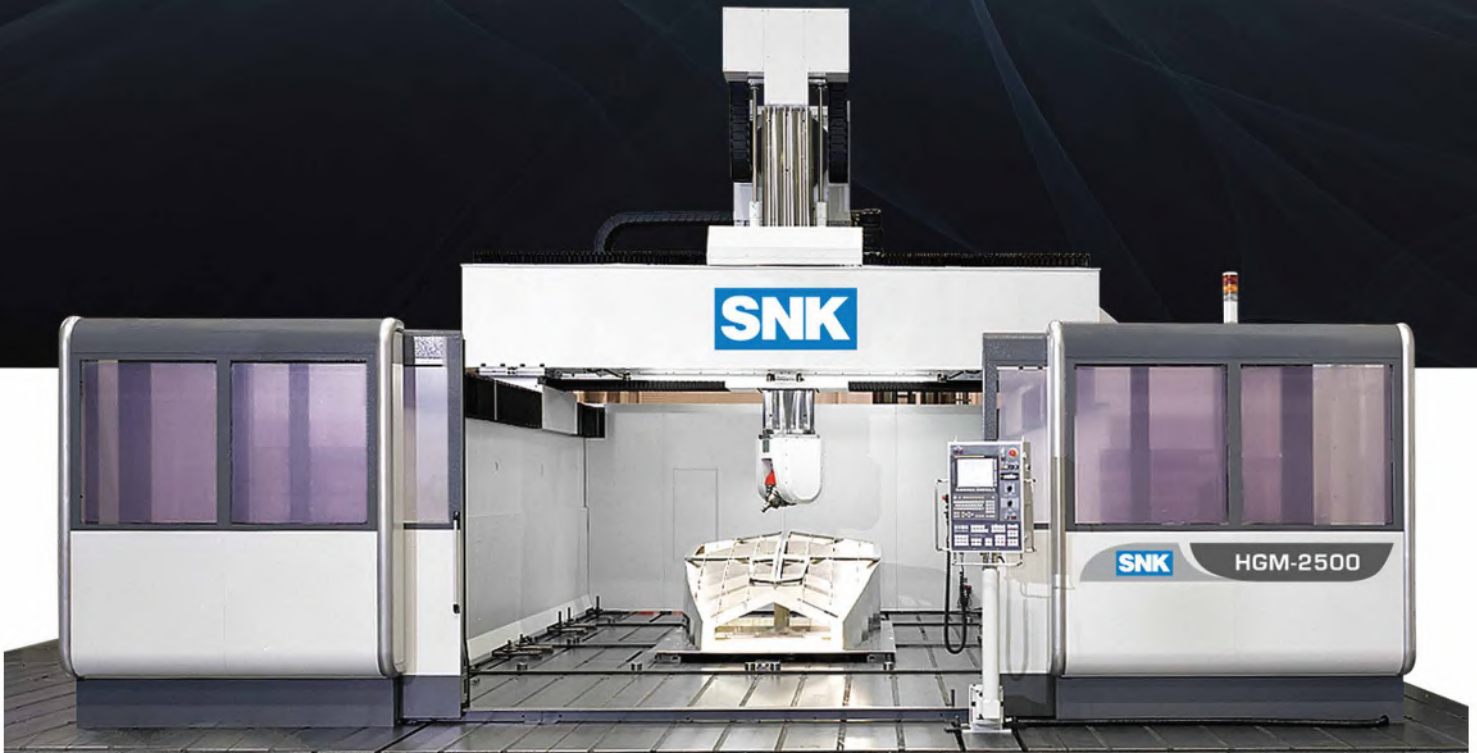




# AIM HIGH HGM Series

5-Axis High Rail Gantry Profilers



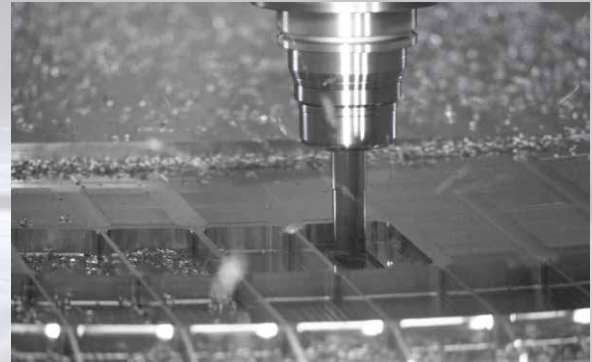
The **HGM Series** of 5-Axis High Rail Gantry Profilers from SNK is the perfect choice for the machining of complex, multi-faceted large parts. The combination of high speed and high power, together with 5-Axis simultaneous contouring capability, make them ideal for the aerospace, transportation and die/mold industries. Extraordinary rapid feedrates of up to 2,400 ipm on the X and Y axes, 7,200 deg/min feeds on the

B and C axes and Z-axis travel of 59 inches slash cycle times for optimum work throughput. Features include Fanuc 31i Model B CNC system, ATC storage capacity (total: 104) chip conveyor and full enclosure with roof cover. The HGM Series includes the new HGM-2500 and the larger 3000, 3500 and 4000 models with available floor plate widths from 98 to 157 inches.

**See how the HGM Series can increase the performance and profitability of your business.**

DEMAND PERFORMANCE

# HGM Series



## HGM Series Key Features:

- 100 hp 20,000 rpm high speed, high power spindle
- Simultaneous 5-axis capability
- Rigid side rails assure superior accuracy
- Blazing 2,400 ipm feedrates
- Available floor plate widths from 98 inches to 157 inches

## HGM Series 5-Axis High Rail Gantry Profilers

	Unit	HGM-2500	HGM-3000	HGM-3500	HGM-4000
Effective Distance Between Columns	inch	149.6	173.2	192.9	212.5
Distance from Floor Plate Top to Spindle End	Inch	3.9 to 43.4 (3.9 to 62.9 option)			
Spindle Spindle Motor	hp	100 / 70 (10 min/cont) or 100 (cont)			
Spindle Spindle Speed Range	rpm	6,000 / 10,000 / 20,000			
Spindle Spindle Nose (Nominal Size No.)		HSK-63 / HSK-100			
Travels Spindle Head Longitudinal X Axis	inch	255.9 (expandable)			
Spindle Head Transverse Y Axis	inch	98.4	118.1	137.7	157.4
Ram Vertical Z Axis	inch	39.3 (59.0 option)			
Spindle Head Tilt B Axis	degree	±115			
Spindle Head Swivel C Axis	degree	±220 (option: continuous)			
Feedrates Rapid Feedrates X,Y, Axes	ipm	2,400			
Z Axis	ipm	1,200			
B,C Axes	dpm	7,200			
Feedrates X,Y, Z Axes	ipm	0.3 to 2,400			
B,C Axes	dpm	1 to 7,200			
Control		DCS-V (Fanuc 31i-B5 base)			

## Optional Accessories:

- ATC Tool Storage Capacity: up to 299
- Floor Plate
- Chip Conveyor
- Coolant Tank
- Splash Guard
- Roof Cover
- Scale Feedback System
- Automatic Measuring & Alignment Function
- Automatic Tool Length Measuring and Correction Function



**SNK AMERICA, INC.**

1150 Feehanville Dr., Mt. Prospect, IL 60056 Tel: (847) 364-0801 Fax: (847) 258-9914

[www.snkamerica.com](http://www.snkamerica.com)