

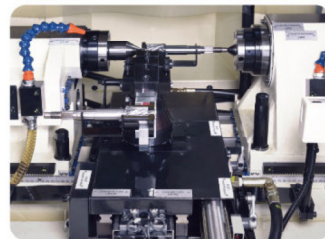
MODEL HGS 4H-NC4 / NC5

CNC Gear Shaving Machine



Machine Features

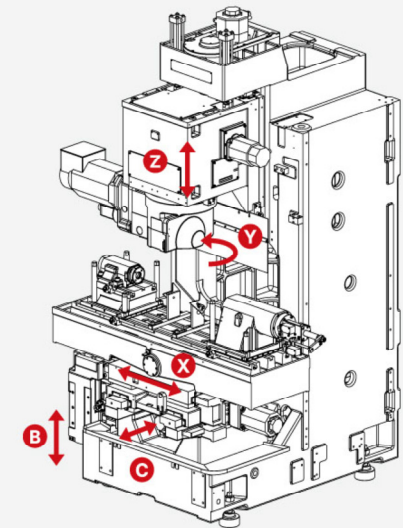
- High rigidity structure, thermal compensation module, high efficient for cutting.
- High rigidity column constructed with symmetrical character and VSR (Vibratory Stress Relief) treatment.



Axis Description

- X** Work Table Motion
- Y** Cutter Head Swivel Angle
- C** Work Table Motion
- B** Crowning & Taper Motion
- Z** Cutter Feeding Stroke

Model	X	C	Z	Y	B
HGS 4H-NC4	●	●	●	●	●
HGS 4H-NC5	●	●	●	●	●



Articles	Description	HGS 4H-NC4 / NC5
Work Gear	Outer Diameter	25~400 mm
	Max. Tooth Width	150 mm
	Module	1~8
Worktable X-axis	Max. Stroke Length	±75 mm
	Feeding Speed	1~550 mm/min
	Center Distance Between L & R Tailstocks	700 mm
Worktable C-axis	Max. Stroke Length	±6 mm
	Feeding Speed	1~500 mm/min
	Shaving Cutter Max. Diameter	265 mm
Cutter Head	Spindle Diameter	63.5 mm
	Cutter Quantity	1 pc
	Spindle Speed	10~400 RPM
	Cutter Head Swivel Angle	±20°
	Angle Increment	0.001°
Infeed Z-axis	Micro-feeding Speed	0.1~3.0 mm/min
	Max. Feeding Stroke	180 mm
	Rapid Feeding Speed	2000 mm/min
	Stroke Setting Unit	0.001 mm
Motors	Spindle Motor	5.5 KW/AC
	Feeding Motor (Z-axis)	3 KW/AC
	Feeding Motor (X-axis)	1.6 KW/AC
	Feeding Motor (C-axis)	1.6 KW/AC
	Swivel Motor (Y-axis)	1.4 KW/AC
	Feeding Motor (B-axis)	1.4 (NC5) KW/AC
NC Unit	—	FANUC
Cutting Method	—	Conventional / Diagonal / Under-pass / Plunge
Operation Interface	Type / Language	Dialog Function (Standard) / Mandarin, English, Japanese / Variable Input System (Option)
Machine Dimension	L × W × H	2423 × 2210 × 2777 mm
Machine Weight	—	7000 kg

■ The above product specifications and parameters are subject to change without prior notice.