

5 axes Machining Centers

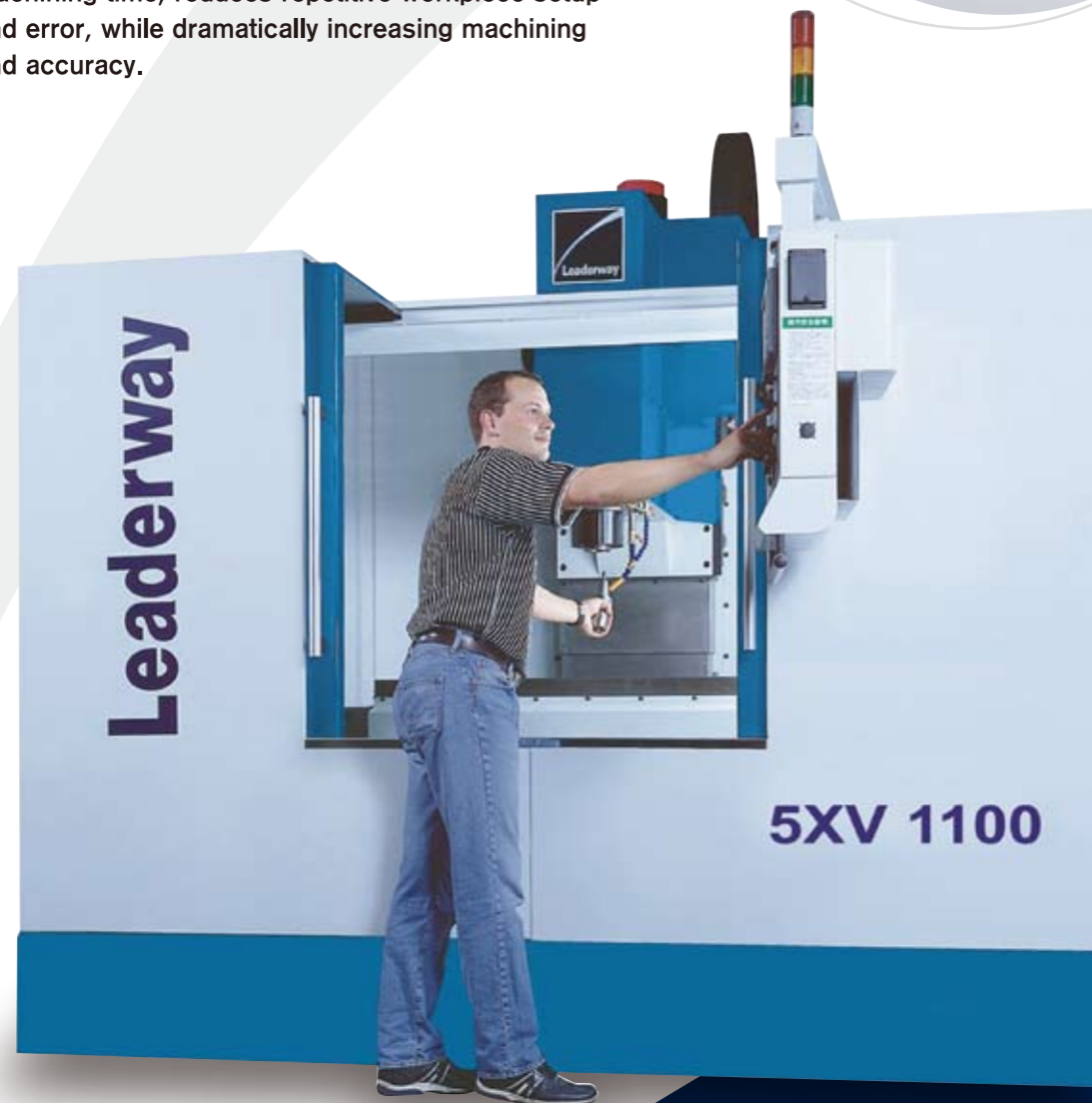
5XV 1100

- 1100 x 600 x 600mm Travel
- A axis Tilt 150°(+30°/-120°)
- C axis Rotary 360°

The major structural parts are manufactured from high quality meehanite cast iron, tempered for stress relief.

The spindle head elevation employs a pneumatic type balance system to minimize the spindle head vibration during moving.

The 5-axis synchronized machining saves machining time, reduces repetitive workpiece setup and error, while dramatically increasing machining and accuracy.



SPECIFICATIONS

			5XV 1100
Travel	X axis	mm (in)	1100 (60)
	Y axis	mm (in)	600 (24)
	Z axis	mm (in)	600(24)
Clearance	Spindle nose to table	mm (in)	120-720(4.7-28.3)
	Spindle center to column	mm (in)	680 (26.7)
Table	Diameter	mm (in)	300 (12)
	Load	kg (lbs)	100 (220)
	Rotation range	Deg	Unlimited
	Tilt range	Deg	+30° to -120°
Guide ways	X, Y, & Z axis		LGW
Spindle Direct Drive	Power	Kw (hp)	15 (20)
	Tool holder		BBT 40
	Maximum speed	RPM	12,000 [option 15000]
Automatic Tool Changer	Number of tools		20 / 24(option)
	Max. tool diameter	mm (in)	75 (3)
	Max. tool length	mm (in)	250 (10)
	Max. tool weight	kg (lb)	7 (15.5)
Speed Feed	Max. cutting feed	M/min (IPM)	20 (800)
	Rapid feed	M/min (IPM)	36 / 36 / 24 (1440/1440/960)
Accuracy	X Y Z positioning	mm (in)	± 0.005 (± 0.0002)
	X Y Z repeatability	mm (in)	± 0.002 (± 0.00008)
Size	Width x Depth	mm (in)	2800 x 2200 (110x86)
	Height	mm (in)	2500 (100)
	Weight	kg (lbs)	6300 (13860)
Control	Optimum algorithm for HIGH SPEED MACHINING, high speed DNC, multi-tasking, background editing, special features for 5-axis processing.		

1. Actual cutting rate depends on part's shape, tool, and material.

2. Under manufacturer's laboratory conditions, per 300 mm. Specifications subject to change without notice.

