



SIEMENS

HSD
DIVISION

SBC

ALUMINUM
Antriebsysteme
GmbH & Co. KG

APEX DYNAMICS, INC.

SVC

PMI

HIWIN
Linear Motion Products & Technology

GCGZ-CNC-7000

高速双工作台数控加工中心 High-speed Double Worktable CNC Machine Center

[性能特点]

- 适用于铝门窗幕墙或工业铝型材、有色金属以及轻型钢结构型材的各类异型孔槽的铣削加工，并可实现刚性攻丝。
- 可实现上平面各类型孔槽的钻铣加工。
- 采用西门子高品质数控系统及HSD高速电主轴，性能可靠。
- 可实现三轴联动及二轴分别插补。
- 采用冷却喷雾系统对刀具进行冷却，以提高刀具寿命和工件的粗糙度。
- 随动刀库设有12刀位，可根据程序要求自动快捷地更换刀具。
- 双工作台可同时进行两件或两种型材加工，交互式上料，互不干涉。
- 床身采用优质钢板焊接结构，并经过充分的时效处理。
- 移动部件均采用高精度直线导轨副。
- 可定制9米加长机型。

[Product Features]

- This machine is designed for processing mounting hole, launder, lock hole and other slots on the aluminum profile.
- It adopts high-speed electric main spindle with steady performance. The system can provide 3-axis integrated movement and mutual compensations between X & Y axes.
- The cutter storage supply 12 cutter positions, the cutter can change quickly as the requirement.
- Double-worktable once clamping can processing two or two sort pieces at the same time.
- Overall steel welding machine, the vibration aging treatment, deformation and rigidity. the movement parts are all adopt roller linear guide pair with high precision.
- Auto-spray cooling system can prolong the useful life of cutters.

技术参数 Technical Parameters

纵向行程(X轴)	X-way range	7000mm
横向行程(Y轴)	Y-way range	800mm
垂直行程(Z轴)	Z-way range	320mm
X轴运行速度	X-way speed	0~60m/min
Y轴运行速度	Y-way speed	0~24m/min
Z轴运行速度	Z-way speed	0~16m/min
主轴转速/功率	(Max) Main shaft rev./power	0~18000rpm/7.5kW
刀具库	Cutter magazine	ISO 30 12刀位 ISO 30 12 cutter positions
刀具最大安装长度	Cutter max length:	135mm
刀柄类型	cutter handle model	ISO 30 cutter handle
气源	Air consumption	0.5~0.6Mpa
电源	power supply	380V/50Hz
装机总功率	Total power	12kW
夹具形式	Type of clamping	气动夹具(8组)、手动定位气动锁紧 pneumatic clamps:8sets, manual-locate and pneumatic locked
润滑、冷却	Lubrication and cooling	自动油润滑、喷雾冷却 auto lubricate and pneumatic locked
加工尺寸范围(宽×高×长)	Work area(W×H×L)	单工作台 Single table: 500×250×7000mm 双工作台Double table: 两件长度之和小于7000 mm
外形尺寸(长×宽×高)	Contour Dimension(W×H×L)	11300×2350×2550mm
重量	Weight	4500kg