



SPM-2000 - SPM-15000

**CNC**

**Planomill**

*HEAVY DUTY Series*

**SAHIL ALLOYS & MACHINE TOOLS**

**CNC - SPM series**

## Specifications:

MODEL	DESCRIPTION	SPM-2000	SPM-3000	SPM-4000	SPM-5000	SPM-7000	SPM-15000
TABLE	Working Surface	2000x1000x1000	3000x1200x1200	4000x1500x1500	5000x1500x1500	7000x2000x1500	15000x2500x2000
		mm	mm	mm	mm	mm	mm
	T-Slot(size x number x pitch)	28mm x 11 x 180mm (1.1"x11x7")					
	Max Table load	800kgs	1000kgs	1300kgs	1500kgs	1800kgs	7000 kgs
TRAVEL	Longitudinal trave (X axis)	2000	3000	4000	5000	7000	15000
	Cross travel (Y axis)	1000	1200	1500	1500	2000	2500
		Optional 1000 - 2000					
	Vertical travel (Z axis)	1000	1200	1500	1500	1500	2000
	Distance from spindle end to table	150mm~1070mm (5.9"~42.1")					
	Distance from spindle center to column	390mm (15.3")					
SPINDLE	Distance between column	2400mm (94.4")					
	Spindle drive motor (Con. / 30min)	18.5kw / 40kw					
	Spindle speed (Gear)	50~4500 / 6000 rpm (OPT.)					
	Spindle speed (Belt)	50~8000 rpm / 10000 rpm (OPT.)					
FEED	Spindle taper	ISO-50 - ISO-60					
	Cutting feedrate	1-7000 mm/min					
	Rapid traverse (X/Y/Z)	10/6/6 M/min	10/6/6 M/min	8/6/6 M/min	8/6/6 M/min	8/6/6 M/min	8/6/6 M/min
ATC	Axis motor (X/Y/Z)	7/7/4.5 kw				10/7/4.5 kw	9/7/4.5 kw
	Tool storage capacity	40 / 60 (OPT.)					
	Max. tool weight	18 kgs					
	Tool size (full tools)	Ø125mm(4.9") x 450L					
	Max. tool size (next pocket empty)	Ø215mm(8.4") x 450L					
	Tool shank	BT50/ CAT50					
MISCELLANEOUS	Pull stud bolt	AZB50 As per DIN69872					
	Power requirement	60KVA					
	Pneumatic requirement	6kgs / cm <sup>2</sup> , 90 NL					
	Gross weight	16000kgs	20000kgs	25000kgs	35000kgs	45000kgs	75000kgs

- The design & specifications are subject to change without prior notice.

### STANDARD ACCESSORIES:

- Auto power off
- Auto lubrication system
- Full splash guard
- Work light
- Air blast through spindle
- RS-232 interface
- Coolant system
- Heat exchanger for electrical Cabinet
- Remote manual pulse generator
- Screw type and chain type chip conveyor
- Spindle chiller
- Leveling bolts & blocks
- Tool box with tools
- Operation manual & electric Diagram

### OPTIONS:

- Coolant through spindle
- Coolant through tool holder
- Mist coolant system
- Oil skimmer
- Spindle 6000rpm (Gear type)
- Spindle 10000rpm (Belt type)
- Closed-loop linear scales
- XYZ axes ballscrew with oil chilling system
- Manual 90 degree angle head
- Manual universal head
- Automatic tool length Measurement
- Automatic coordinate measurement
- 4th axis preparation
- 40 tools ATC for DCM / 60 tools ATC for DCMS

### SAHIL ALLOYS & MACHINE TOOLS

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