



GUANGDONG SHUND CHANGSHENG MACHINERY MAMUFACTURING CO.,LTD

Automatic CNC drilling machine

SKH-612H/SKH-612M



USER MANUAL

Address: Longwei Road, Xichong Industrial Park, Lunjiao,
Shunde Dist., Foshan, Guangdong, China.

Tel: +86-757-27336257

Fax: +86-757-28798598

Contents

1. Installation Precautions	1
2. Machine dimensions	2
3. Machine install	4
4. panel button switch	5
5. Safety Precautions	6
6. Work instructions	9
7. Machine Coordinate system	9
8. Operational guidance	10
9. Operation definition	12
10. Syntec Control system setting software	14
11. M code processing monitoring	17
12. HH -- Execute processing software	20
13. DbSet -- Drilling tools setting software	28
14. Electric control box	31
15. VGA Switching	33
16. Machine operating system	35
17. Machine failure view	36
18. Common alarm	36
19. Machine data backup method	38
20. Lubrication	39

It is forbidden to operate this equipment for untrained personnel. Please read this manual carefully.

Installation Precautions

- 1 When transporting, keep the center of gravity balanced to prevent the machine from tilting.
- 2 When using a motorized forklift, move the center of gravity of the machine backwards.
- 3 to be qualified personnel, can be used to drive the forklift.

TECHNOLOGY SPECIFICATION

Control system	19" PC with Syntec control system	
Processing Size Range:	Min. Width of work-piece	50mm
	Max. Width of work-piece	1200mm
	Max. Length of work-piece	2400mm
	Min. Length of work-piece	200mm
	Max. Thickness of work-piece	48mm
	Min. Thickness of work-piece	12mm
Working Stoke & Max. Position Speed:	X axis:	4580mm 85m/min
	Y axis:	1380mm 60m/min
	Z axis:	82mm 20m/min
	U axis	2580mm 85m/min
	V axis	1100mm 60m/min
	Waxis	118mm 20m/min
	A axis:	960mm 35m/min
TOP Drilling unit:	Vertical spindles	12
	Horizontal Spindle	4 (X axis) + 4 (Y axis)
	Drilling box motor speed	3400rpm
	Router Motor power	2.2kw speed12000rpm
Bottom Drilling unit:	Vertical spindles	6
	Horizontal Spindle	0
	Drilling box motor speed	3400rpm
	Router Motor power	2.2kw speed12000rpm
Other Data:	Working table height	1020mm
	Total Power	17kw
	Weight	3250kg
	Overall dimesions	5.8*3.0*2.2m

Machine dimensions

