

FHC -26/30/31 SPECIFICATION

FHC -33/37/41 SPECIFICATION

FHC -46/50 SPECIFICATION

FHC -51/63 SPECIFICATION

Subject	Item	FHC-26	FHC-30	FHC-31	FHC-33	FHC-37	FHC-41	FHC-46	FHC-50	FHC-51	FHC-63					
Capacity	Swing over bed(mm)	660	760	800	860	960	1060	1170	1270	1300	1600					
	Swing over cross(mm)	450	550	590	600	700	800	800	900	900	1200					
	Swing over gap(mm)	920	1020	1100	1100	1200	1300	1600	1700	1800	2000					
	Centers distance(mm)	1000、1500、2000、2500、3000、4000、5000、6000				1500、2000、2500、3000、4000、5000、6000			2000、2500、3000、4000、5000、6000		1500、2000、2500、3000、4000、5000、6000					
	Bed width(mm)	410			510-3V (Integrated one piece base)			665-3V (Integrated one piece base)		850-3V (Integrated one piece base)						
Headstock	Spindle bore(mm)	Ø 80		Ø 105	Ø 105	Ø 153	Ø 230	Ø 153	Ø 230	Ø 320	Ø 360	Ø 153	Ø 230	Ø 320	Ø 360	
	Spindle nose	A2-8			A2-11	A2-11	A2-15	A2-20	A2-11	A2-15	A2-20	A2-20	A2-11	A2-15	A2-20	A2-20
	Spindle speed(4 Steps)	22~1800 r.p.m.		15~1400 r.p.m	15~1400	10~1000	5~700	4~560	6~600		4~400		10~1000	5~700	4~560	3~500
	Center sleeve	MT #5			MT #6			MT #6		MT #7		MT #6		MT #7		
Working Stroke	X-axis travel(mm)	380			480			550				770				
	Z-axis travel(mm)	1000~6000			1500~3000		4000~6000		2000~4000		5000~6000		1500~4000		5000~6000	
	X-axis ball screw	5M/min Ø 25mm/P=5			5M/min Ø 32mm/P=5		5M/min Ø 32mm/P=5		5M/min Ø 40mm/P=5		5M/min Ø 40mm/P=5		5M/min Ø 40mm/P=5		5M/min Ø 40mm/P=5	
	Z-axis ball screw	10M/min Ø 45mm/P=10			10M/min Ø 45mm/P=10		10M/min Ø 50mm/P=10		10M/min Ø 63mm/P=10		10M/min Ø 80mm/P=5		10M/min Ø 63mm/P=10		10M/min Ø 80mm/P=10	
	Width of cross slide(mm)	220			260			345				385				
	Turret	Electric 4-way tool post			Electric 4-way tool post			Hydraulic 4-way tool post or Hydraulic turret				Hydraulic 4-way tool post or Hydraulic turret				
	Tool shank	25X25、Ø 40			32X32、Ø 50			32X32、Ø 50				32X32 / 40X40				
Tailstock	Quill diameter	Ø 80			Ø 100			Ø 140、Ø 180(OPT)				Ø 180、Ø 250(OPT)				
	Quill travel	160			300			300				300				
	Quill taper	MT #5			MT #6			MT #6				MT #7				
Electric	Control	SIEMENS、FANUC、FAGOR			SIEMENS、FANUC、FAGOR			SIEMENS、FANUC、FAGOR				SIEMENS、FANUC、FAGOR				
	X-axis motor	1.2 KW			1.6 KW			3.0 KW				3.0 KW				
	Z-axis motor	1.8 KW			1500~3000mm 3.0 KW / 4000~6000mm 4.0 KW			4.0 KW				1500~4000mm 4.0 KW / 5000~6000mm 7.0 KW				
	Spindle motor	11 / 15 KW			15 / 18 KW			22 / 26 KW				22/26 or 30/37 KW				
	Lubrication pump	25 W			25 W			25 W				25 W				
	Coolant pump	750 W			750 W			750 W				750 W				

*Specifications are subject to change without notice for further design improvement.

Unit : mm

S.T.D :

- 1.Heat exchanger
- 2.Splash guard
- 3.Automatic transmission
- 4.Work lights
- 5.Lubrication system
- 6.Coolant system

O.P.T :

- 7.Chip bucket
- 8.Manual tailstock
- 9.Leveling pads
- 10.Spindle center & sleeve
- 11.Tool box & Tools
- 12.Operation & maintenance manual

- 1.Air conditioner
- 2.Headstock oil cooler
- 3.Electric or hydraulic tailstock
- 4.3-jaw、4-jaw chuck
- 5.Hydraulic chuck
- 6.Rear Chuck device

- 7.Boring bar device
- 8.Chip conveyor
- 9.Steady rest
- 10.C-axis & power turret
- 11.Transformer
- 12.CE