



VICTOR FHR-68e

HIGH SPEED HIGH ACCURACY

CHUCKING MACHINE

Features

- Digital Threading operations are microprocessor controlled and carried out by synchronized spindle speed and servo motor feed
- LCD touchscreen to select thread pitch (TPI or mm) with no gears to change
- DRO functions integrated into LCD panel features linear scales on X & Z axis
- 14" maximum distance from face of turret to spindle
- The spindle is mounted in high precision preloaded angular contact ball bearings
- Infinitely variable spindle speeds from 0 ~ 4,000 RPM
- Fast lever collet chucking with a single movement
- Preloaded ball bearing 8-station turret
- Solid hardened and ground alloy tool steel bed
- Independent electric variable feed
- Full bearing carriage with Turcite-B slideway bearing surface
- Hi/low speed quick change lever for convenience
- 3 HP frequency controlled motor (Inverter Drive)



Machine may be shown with optional accessories.

SPECIFICATIONS		FHR-68e
SPINDLE CAPACITY	With jaw chucks	6" (150 mm)
	With expanding collets	3" (76 mm)
	With round 5C collets	1-1/16" (27 mm)
	With hexagon 5C collets	7/8" (22 mm)
	With square 5C collets	3/4" (19 mm)
	With step chucks	1-1/16" to 6" (27 ~152 mm)
Spindle nose diameter		Ø2.189" (Ø 55.5 mm)
Spindle nose I.D. / O.D.		5C / Chuck w/ 4° Taper 5C / 2-3/16" (Ø 55.5 mm)-10 TPI
Variable spindle speeds		0 ~ 4,000 rpm for 5C Collet
Hole through spindle		1-1/4" (31.75 mm)
Swing over bed		12.992" (330 mm)
Carriage power feed range (variable)		0.236" ~ 9.842" (6 ~ 250 mm)
Cross slide power feed range (variable)		0.354" ~ 6.299" (9 ~ 160 mm)
Cross slide travel		4.488" (114 mm)
Max. fixture diameter		9" (228 mm)
Max. distance from face of turret to spindle		14" (355 mm)
Threads range		4 ~ 120 TPI (0.2 ~ 6.35 mm)
Coolant pump		1/8 HP, 220V, 3PH
Feed inverter motor		1/2 HP
Main motor		3 HP, 220V / 3PH
Net / Gross weight		2,200 / 2,420 lb. (1,000 / 1,100 kg)
Machine packing dimension		74" x 34" x 74" (1,880 x 864 x 1,880 mm)

- Specifications are subject to change without notice for further design improvements.

STANDARD ACCESSORIES

1. LCD touchscreen w/ digital threading system	2. 5C hand lever collet closer	3. Eight-station tool turret with indexing lever
4. 6" 3-jaw chuck with adapter plate	5. Eight-position carriage stop	6. Halogen work light
7. Coolant system	8. Leveling bolts & pads	9. Operation manual
10. Tool box and tool kits		

OPTIONAL ACCESSORIES

1. Expanding collet	2. Vacuum chuck	3. Hydraulic chuck
4. Pneumatic chuck	5. Precision diaphragm chuck	6. Step chuck
7. Face plate	8. Lathe dog	9. Straight & taper turning slide for double tool cross slide
10. Quick change adjustable tool holder	11. Quick acting recessing tool	12. Knee tool
13. Slide tool	14. Boring tool holder	15. Centering and facing tool
16. Releasing tap holder	17. Tool holder extension	18. Adjustable rotary stop
19. Adjustable tool holder	20. Releasing tap holder	



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