



HIGH PERFORMANCE • HIGH PRECISION • HIGH RELIABILITY

## Chucking Machine with Digital Threading

CHR-68DT

### Digital Threading

Digital Threading makes threading on chucker lathe easier than ever

Digital Threading provides **touchscreen LCD to select thread pitch**. Choose target TPI or mm pitch on the screen, set spindle rpm and start threading just like on conventional lathes.

**Simple** No threading attachment. No threading gearbox. **Less moving parts**, quiet operation, maintenance free design.

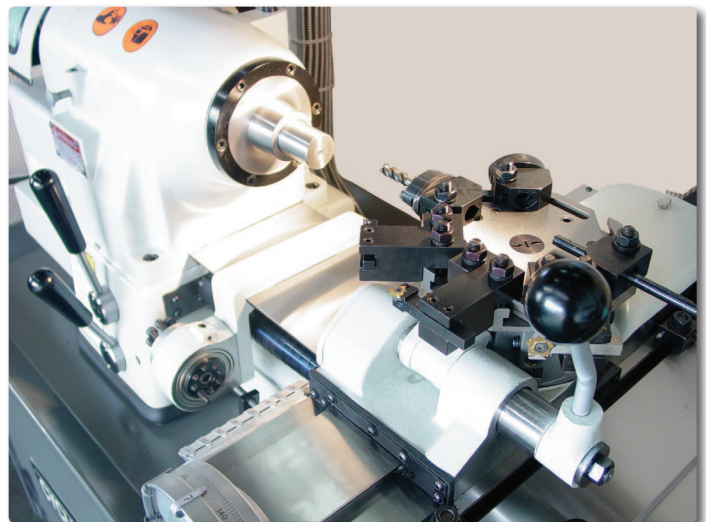
**Servo driven design**  
Internally, servo motor drives the leadscrew so feed rate is synchronized in proportion to spindle rpm.



\*Some accessories shown may be optional.

### KEY FEATURES

- Spindle run out within 50 millionths of an inch
- Hardened and precision ground spindle with threaded nose
- Spindle mounted on high-precision preloaded angular contact ball bearings
- Eight-station turret with preloaded ball bearing
- Turcite-B slideway bearing surface between carriage and bed
- Hardened and precision ground alloy steel bed way
- Fast lever collet chucking with a single movement
- Eight-position carriage stop



MADE IN TAIWAN

## EISEN CHR-68DT CHUCKING MACHINE SPECIFICATIONS

DESCRIPTION		CHR-68DT
Spindle Capacity	With Jaw Chucks	6"
	With Expanding Collets	3"
	With Round 5C Collets	1 1/16"
	With Hexagon 5C Collets	7/8"
	With Square 5C Collets	3/4"
	With Step Chucks	1 1/16" ~ 6"
Swing over Bed		13"
Spindle Bore		1 1/4" 5C (1 1/16")
Spindle Nose Diameter		2.189"
Spindle Nose		2 3/16" 10 RH threaded
Spindle Speed Range (Variable)		0 ~ 4000 rpm
Carriage Power Feed Range (Per Minute)		1/4" ~ 10"
Cross Slide Power Feed Range (Per Minute)		1 1/32" ~ 6 1/4"
Cross Slide Travel		4 1/2"
Length of Bed		43 1/2"
Max. Fixture Diameter		9"
Max. Distance from Face of Turret to Spindle		14"
Coolant Pump		1/8 HP, 220V, 3PH
Main Motor		3 HP
D.C. Feed Motor		110V, 70W
Net/Gross Weight		2200 lbs. / 2420 lbs.
Packing Dimensions Approx. (L X W X H)		74" x 34" x 73"

\* Design and specifications are subject to change without notice.

### STANDARD ACCESSORIES

- |                              |                                 |                         |
|------------------------------|---------------------------------|-------------------------|
| 1. 5C collet closer          | 4. Halogen work light           | 7. Toolbox with toolkit |
| 2. Eight-station tool turret | 5. Eight-position carriage stop | 8. Touch-up paint       |
| 3. Digital threading system  | 6. Coolant system               | 9. Manual & parts list  |

### OPTIONAL ACCESSORIES

- |                                  |                             |   |
|----------------------------------|-----------------------------|---|
| 1. 3-jaw chuck 6" w/o back plate | 8. Double tool holder       | 15. Bed adapter for double tool cross slide |
| 2. 4-jaw chuck 6" w/o back plate | 9. Triple tool holder       | 16. Chip and coolant shield                 |
| 3. Back plate 7" (threaded)      | 10. Adjustable tool holder  | 17. Face plate                              |
| 4. Drill and shank tool holders  | 11. Knee tool               | 18. 5C collet set                           |
| 5. Extension tool holders        | 12. Vertical cut-off slide  | 19. Tool setting gauge                      |
| 6. Releasing tap holder          | 13. Taper slide             |   |
| 7. Single tool holder            | 14. Double tool cross slide |   |

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