

SPECIFICATION

Unit: mm / inch

Model		DHF-1100		DHF-1300	
		X 1000			
Capacity	Max. swing over Bed	1100 (44")		1300 (52")	
	Swing over cross slide	600 (23.63")		800 (31.5")	
Bed	Width of Bed	810mm (31.88")			
Headstock	Spindle bore	Ø152 (6")	OP: Ø 230 (9")	OP: Ø255 (10")	OP: Ø312 (12")
	Spindle nose	A2-11 OP: A2-15	A2-15 OP:A2-20	A2-15 OP:A2-20	A2-20
	Range of spindle speed	6-500 rpm		7-350 rpm	
	1. Range speed	6-35 rpm		7-20 rpm	
	2. Range speed	19-112 rpm		19-60 rpm	
	3. Range speed	70-350 rpm		40-121 rpm	
	4. Range speed	226-500 rpm		11-350 rpm	
	No. of spindle speeds	★ Spindle speed is changed by different horse power.			
		Auto 4 Steps / Hydraulic			
Travel	X-axis travel	550 (21.66") ★ by standard hydraulic 4-way turret H4 ★ X-axis travel changed by different turret.		650 (25.59")	
	Z-axis travel	1000 mm (39.37") ★ Z-axis travel changed by different turret, chuck or tailstock.			
	Dia. X-axis ball screw	40mm , pitch 10mm, C3			
	Dia. Z-axis ball screw	63mm , pitch 10mm, C3			
Feed	X,Z-axes rapid feed	5000mm/min (196.85" /min)			
	X, Z-axes cutting feed rate	3000mm/min (118.11" /min)			
Turret	Turret type	Hydraulic 4-way Turret H4			
	Tool shank / Numbers	40x40 (1.57" x 1.57")			
	Tool holder bore diameter	ø50 (1.97")			
Motor	Spindle Motor	22 kw (α 22)			
	X-axis servo Motor	4 kw (α 22)			
	Z-axis servo Motor	4 kw (α 22)			
	Hydraulic pump	1.5 kw (2 HP)			
	Coolant pump	1.275 kw (1.7HP)			
Measurement	Machine size (L x W x H)-mm/inch	4230 x 2510 x2115 (167" x 99" x 84")		4230 x 2610 x 2115 (167" x 103" x 84")	
	N.W. / G.W. (approx)-Kgs	11700 / 12200		12500 / 13000	
	Packing size for full splash guard (by 40' HQ container)	7100 x 2300 x 2670 (280" x 91" x 106")			

★ We reserve the right to modify & improve our products without notice.

Note :
(1) X and Z axes actual cutting travel will change when equipped with different chuck,and turret.
(2) Specifications are subject to change without notice for improvement

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201702

DENVER

ISO 9001



Precision

Efficiency

Quality



Photo shown : DHF-1000x1000



http://www.topdenver.com

DHF series 1100, 1300 X 1000

BED WIDTH: 32" < 810 mm > Spindle bore: 6", 9", 10", 12"

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APPLICATION

Ideal for turning various flanges, rollers, aluminum alloy rings, valves, tire molds, and various mold bases.

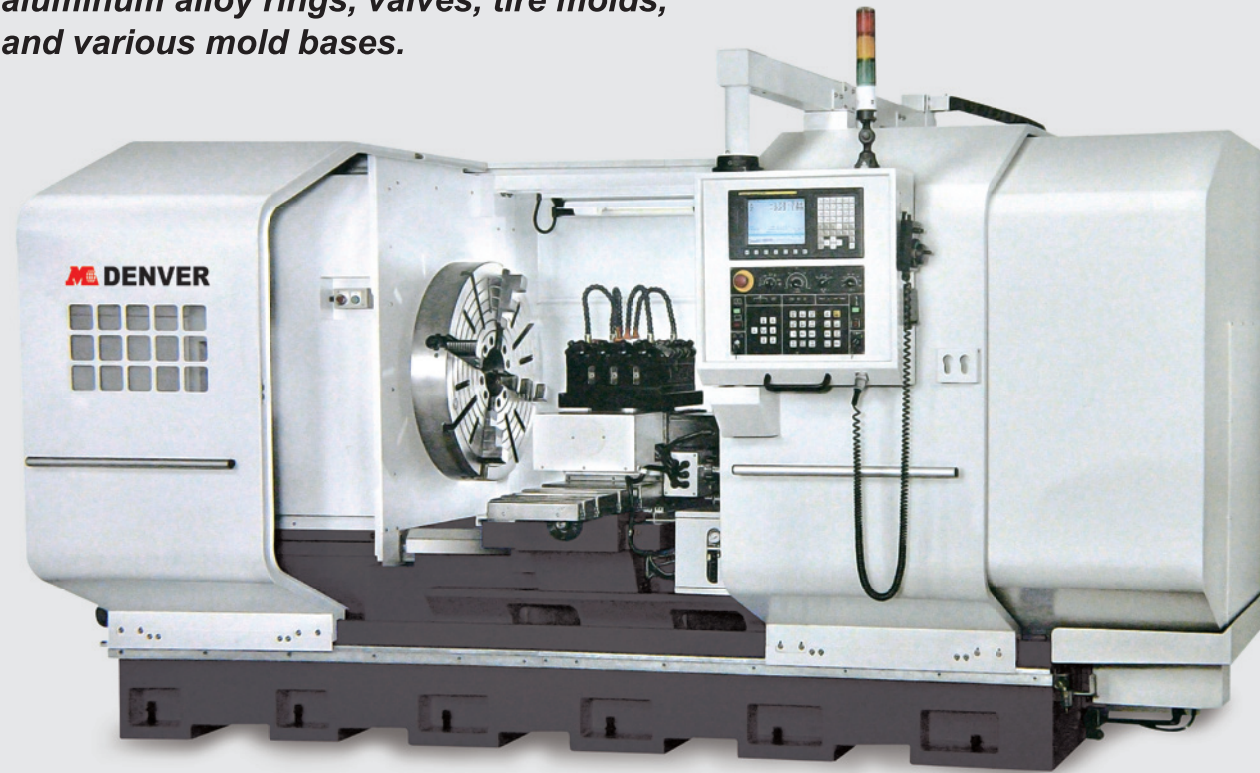
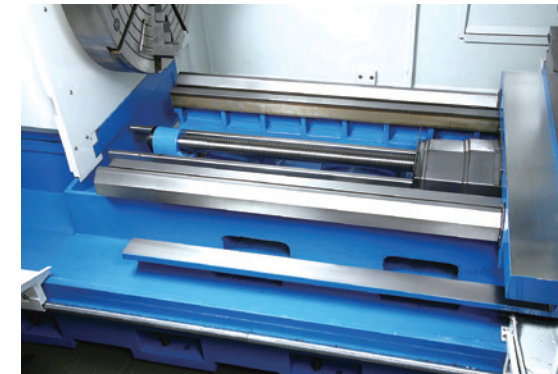


photo shown : DHF - 1000 x 1000

FEATURE

- This is a heavy duty precision CNC lathe that has the function of output full horse power during low & high speed, available for big, special parts and mold work pieces.
- The structure of Bed is adopted high toughness meehanite cast iron; stabilize properly parallel precision. Bed ways are induction hardened and ground.
- The slide way and ball screw can be lubricated automatically by central lubrication system. Oil flow and lubrication frequency can be set as desired. An alarm occurs in case of lack of oil.
- The Coolant system delivers high pressure coolant to flush chips and extend tool service life.
- Mechanical and electrical are designed all in one.

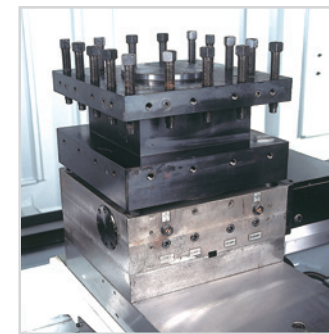


★ Middle Mounted Z-axis Ballscrew

Considering the processing characteristics of the FACING LATHE, the design of Z-axis ballscrew mounted in the middle of Bed is adopted for DHK series.

It has significant effect for saddle's moving smoothly and to raise the processing accuracy. It also promises a long life of ballscrew.

ACCESSORIES



Hydraulic turret H4



Hydraulic turret V8



Hydraulic turret V12

STANDARD ACCESSORIES:

- | | |
|--------------------------------------|---|
| 1. Controller : FANUC | 8. Coolant system |
| 2. Spindle 4-step speed auto. change | 9. Full enclosed splash guard |
| 3. XZ-axes auto. lubrication system | 10. Heat exchanger |
| 4. XZ-axes with Turcite-B | 11. Electron hand wheel |
| 5. XZ-axes C3 ball screw | 12. Alarm lamp for working & cutting finish |
| 6. Hydraulic 4-way turret H4 | 13. Work lamp |
| 7. Rear chain type chip conveyor | 14. Manual, level pads, tools & tool box |

**Standard accessories shall be subject to the quotation.*

OPTIONAL ACCESSORIES:

- | | |
|------------------------------|-------------------------------|
| 1. Transformer | 3. Hydraulic 4-way turret H4 |
| 2-1. Hydraulic 3-jaw chuck | 4. Hydraulic turret V8 or V12 |
| 2-2. 3-jaw chuck | 5. Boring attachment |
| 2-3. 4-jaw independent chuck | 6. Spindle oil cooler |