SPECIFICATION

Unit: mm / inch

ITEM / MODEL		RHL-960		RHL-1120	
CAPACITY	Max. Swing over Bed	960 (37.78")		1120 (44.09")	
	Center-Center	2000 (78.74")	3000 (118.11")	4000 (157.48")	5000 (196.85")
	Max. Roll Cutting Dia.	800 (31.5")		1000 (39.37")	
	Max. Roll Cutting Dia.	63 (2.48")		100 (4")	
	Max. Cutting Length	2000 (78.74")	3000 (118.11")	4000 (157.48")	5000 (196.85")
	Bed Way	5 Guide Way			
BED	Width of Bed	1250 (49.21")			
	Length of Bed	4000 (157.48")	5000 (196.85")	6000 (236")	7000 (275.59")
HEADSTOCK	Spindle bore diameter	ø152 (6")	OP: 230 (9")	OP: 305 (12")	
	Spindle nose	A2-11 / OP: A2-15	A2-15 / OP: A2-20	A2-20	
	Spindle motor	22KW- for 2000-3000	30KW- for 2000-3000	37KW- for 2000-3000	
		30KW- for 4000-5000	37KW- for 4000-5000	45KW- for 4000-5000	
	No. of spindle speed	6 - 650 rpm	6-292 rpm		
		* Spindle speed changed by different horse power.			
	Spindle auto speed	4 Steps / Hydraulic			
TRAVEL	X-axis travel	400 (15.75") (by hydraulic turret H4) * X-axis travel changed by different turret.			
	Z-axis travel	2000 (78.74")	3000 (118.11")	4000 (157.48")	5000 (196.85)
		* Z-axis travel changed by different turret , chuck or tailstock.			
	Dia. of X-axis ball screw	40 mm, pitch 10 mm			
	Dia. of Z-axis ball screw	63 mm, pitch 10 mm			
OP: TURRET	Turret type	OP: Hydraulic turret H4 ,H6, V8 ,V12, H4-VDI / Power turret			
	Tool size	32 x 32 (1.23" x 1.23") (OP: 40 x 40 (1.57" x 1.57"))			
	Tool holder bore Dia.	Ø50 (1.97")			
TAILSTOCK	Quill Dia.	150 (5.9") (OP:200(7.87"))			
	Quill travel	0-300			
	Quill taper	MT6			
	Quill movement	Manual / electric (OP:Hydraulic)			
	Body movement	Electric (OP:Hydraulic)			
	Lock-type	Manual (OP: Hydraulic)			
MOTOR	Spindle motor	Continuous / 30min rating 22 / 26 KW - for 2000-3000 (OP: 30-100 KW) 30 / 37 KW - for 4000-5000 (OP: 37-100 KW)			
	X-axis servo motor	4 KW			
	Z-axis servo motor	4 KW			
	Tailstock body drive motor	0.4 KW			
	Tailstock quill drive motor	0.2 KW			
	Hydraulic pump	1.5 KW			
	Coolant pump	1.27 KW			
MEASUREMENT	Machine size	L: 4250 (167.3")	5250 (206.7")	6250 (246.1")	7250 (285.4")
		x W: 2500 (98") x H: 2260 (89")			
	Floor space	L: 6650 (261.8")	7650 (301.2")	8650 (340.6")	9650 (379.9")
		x W: 3820 (150.4")			
	N.W. / G.W. (approx)-960 (kgs)	15500/16400	17500/18500	19500/20600	21500/22700
	N.W. / G.W. (approx)-1120(kgs)	16000/16900	18000/19000	20000/21100	22000/23200
	Packing size for semi back splash guard (by 40' HQ container)	L: 6600 (259.8")	7600 (229.2)	8600 (338.6")	9600 (378")
		x W: 2300 (150.4") x H:2400 (94.5")			
	Color	Upper parts: RAL-7035 (Light gray) + Base: RAL-7024 (Dark gray)			

- We reserve the right to modify and improve our products without notice.
- Welcome to check with us for other specification and special purpose of functions, which is accepted to be customized.

STANDARD ACCESSORIES (without any turret , without any chuck)

1. Controller: FANUC
2. Spindle 4-steps hydraulic auto speed
3. XZ-axes auto. lubrication system
4. XZ-axes with turcite-B
5. XZ-axes C3 ball screw
6. Rear chain type chip conveyor
7. Manual / electric tailstock
8. Steady rest 16"
9. Coolant system
10. Semi- back splash guard
11. Heat exchanger
12. Dead center
13. Level pads
14. Tools & tool box
15. Operational manual

OPTIONAL ACCESSORIES :

1-1. Spindle bore : 9" (230mm)
1-2. Spindle bore : 12" (305mm)
2. Spindle motor: 30 ~ 100kw
3. Controller: SIEMENS
4. Transformer
5-1. 3-jaw chuck 20" , 25"
5-2. 3-jaw air chuck
5-3. Hydraulic 3-jaw wedge type through -hole power chuck
5-4. Hydraulic 3-jaw wedge type non through -hole power chuck
5-5. 4-jaw independent chuck 32", 40" ,50"
5-6. Face plate with 4-jaw 32", 40" ,50"
Chuck size fit to RHL-960 equal or under 32".
6-1. Steady rest (O type)
6-2. Steady rest (C type)
6-3. Hydraulic steady rest
7. Follow rest
8-1. Hydraulic 4-way turret H4
8-2. Hydraulic turret V-12
8-3. Hydraulic 4-way turret H4-VDI
8-4. Power turret
9. Full splash guard
10. Spindle oil cooler
11. Boring attachment
12. 2-axes linear scale
13. Tailstock with quill dia. 200mm
14. Hydraulic quill
15. Tailstock base with hydraulic clamping system
16. Program tailstock
17. Double chuck device
18. Double turret
19. Grinder
20. Tailstock with 3-jaw 12"

ACCESSORIES

ST1
Controller: FANUC

OP1-1
Spindle bore:"9"(230mm)

OP3
Controller: SIEMENS

OP5-3
Hydraulic 3-jaw wedge type through-hole power chuck

OP5-4
Hydraulic 3-jaw wedge type non through -hole power chuck

OP5-5
4-jaw independent chuck 32", 40" ,50"

OP5-6
Face plate with 4-jaw 32", 40" ,50"

OP6-1
Steady rest (O type)

OP6-2
Steady rest (C type)

OP6-3
Hydraulic steady rest

OP7
Follow rest

OP8-1
Hydraulic 4-way turret H4

OP8-2
Hydraulic turret V-12

OP8-3
Hydraulic 4-way turret H4-VDI

OP8-4
Power turret

OP10
Spindle oil cooler

OP11
Boring attachment

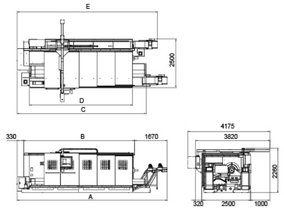
OP13
Hydraulic tailstock

OP17
Grinder

OP20
Tailstock with 3-jaw 12"

LAYOUT

MODEL	200	300	400	500
A	6650	7650	8650	9650
B	4650	5650	6650	7560
C	6580	6580	7580	8580
D	4250	5250	6250	7250
E	6150	7150	8120	9150



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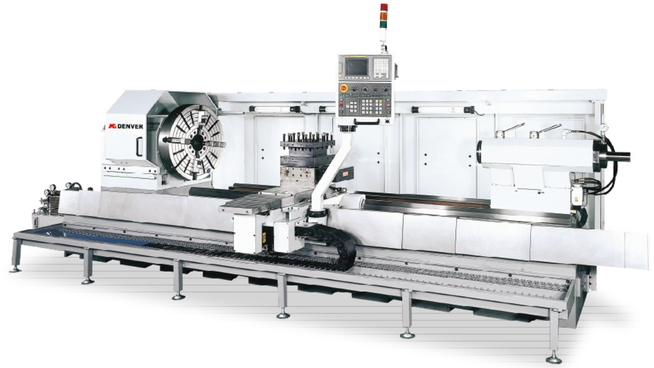
MULTIPLE GUIDEWAYS HEAVY DUTY CNC LATHE

RHL-960 / 1120 series



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