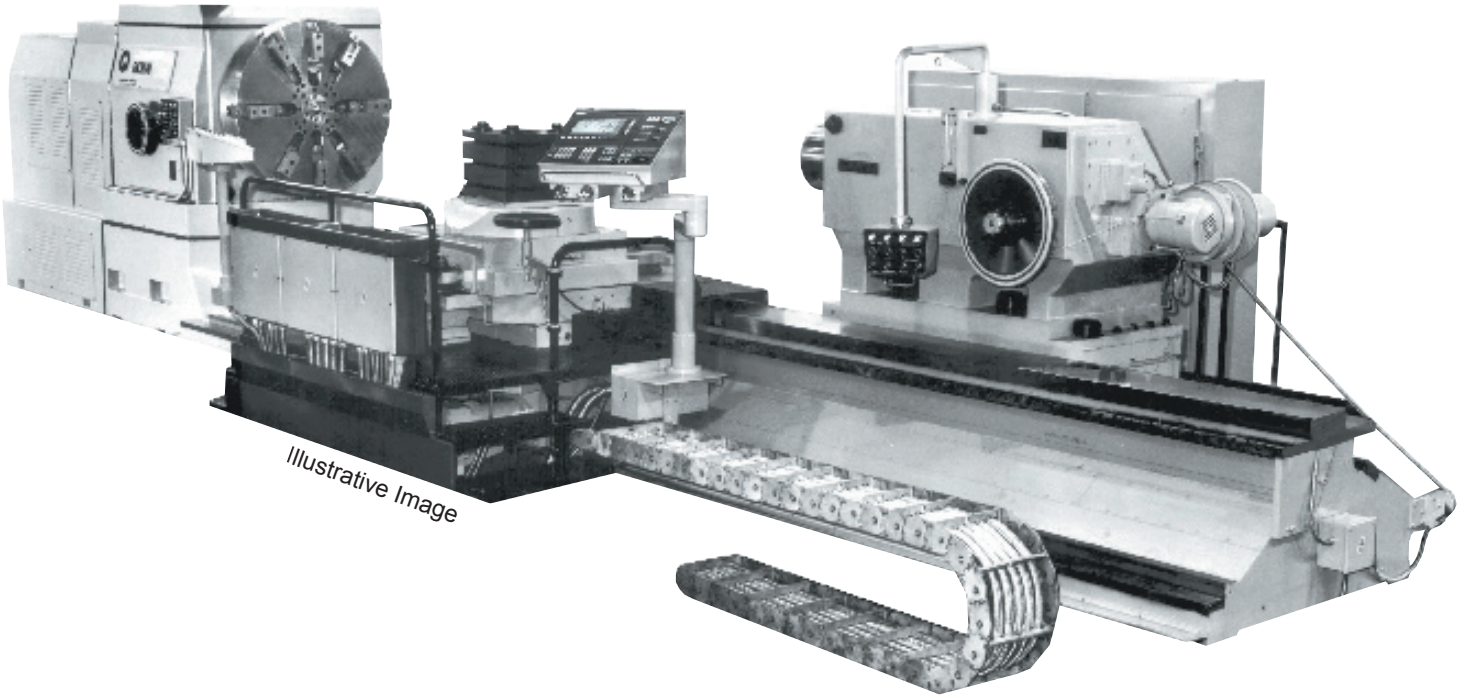
ROMI®

UT 1000
UT 1500
UT 1700
UT 2000

Extra-Heavy CNC Lathe



MAIN FEATURES

- Siemens Sinumerik 840D or GE-Fanuc 21i-TB Computerized Numerical Control (CNC)
- Extra-rigid headstock with hardened steel gears and ground teeth;
- Monoblock bed with overlapped hardened and ground guideways for carriage and tailstock;
- Cross slide driven by AC servomotor and ballscrew;
- Longitudinal saddle driven by AC servomotors and rack, with electronic backlash compensation and positioning by optical scale;
- Motor-driven tailstock with built-in live center sliding on independent guideways;

Technical Specifications		UT 1000	UT 1500	UT 1700	UT 2000
Capacity					
Distance between centers (*)	m	4 / 5.5 / 7 / 8.5 /10	4 / 6 / 8 /10 /12	8 / 10 / 12	8 / 10 / 12
	in	157 / 216 / 276 / 335 / 394	157 / 236 / 315 / 394 / 472	315 / 394 / 472	315 / 394 / 472
Swing over bed	mm	1,060	1,500	1,700	2,020
	in	41.73	59.05	66.93	79.53
Swing in front of cross slide	mm	750	1,070	1,270	1,580
	in	29.52	42.12	50	62.20
X axis travel	mm	300	470	560	810
	in	11.81	18.50	22.05	31.89
Z axis travel	m	4 / 5.5 / 7 / 8.5 /10	4 / 6 / 8 /10 /12	8 / 10 / 12	8 / 10 / 12
	in	157 / 216 / 276 / 335 / 394	157 / 236 / 315 / 394 / 472	315 / 394 / 472	315 / 394 / 472
Max. admissible weight between centers at 50 rpm (*)	kg	30,000	50,000	40,000	100,000
	lbs	66,140	110,230	88,185	220,462
Bed					
Width	mm	1,400	1,810	1,650	2,000
	in	55	71	65	79
Height	mm	650	800	880	880
	in	26	31	35	35
Headstocks					
Headstock - version 1					
Spindle nose	ASA	Especial	Especial	Especial	Especial
Speed ranges (*)	rpm	1 to 300	1 to 300	1 to 188	1 to 188
Range 1	rpm	1 to 200	1 to 200	1 to 46	1 to 46
Range 2	rpm	1 to 300	1 to 300	1 to 188	1 to 188
Headstock - version 2					
Spindle nose	ASA	*	*	Especial	Especial
Speed ranges (*)	rpm	*	*	1 to 300	1 to 300
Range 1	rpm	*	*	1 to 73	1 to 73
Range 2	rpm	*	*	1 to 300	1 to 300
Feeds					
Rapid traverse (Z axis)	m/min	5	5	5	5
	ipm	197	197	197	197
Rapid traverse (X axis)	m/min	3	3	3	3
	ipm	118	118	118	118
Tailstock					
Quill diameter	mm	245	320	370	520
	in	9.65	13	15	20.47
Quill travel	mm	350	450	305	250
	in	13.78	17.71	12	9.84
Quill taper	metric	80	100	100	100
Installed Power					
AC main motor (*)	kW / hp	75 / 100	150 / 200	150 / 200	220 / 300
Dimensions and weights (approximate)		version 4 m (157.5") between centers	version 6 m (236") between centers	version 8 m (315") between centers	version 10 m (394") betewen centers
Length x Width	m	7 x 2,5	14.5 x 3	16 x 5	18 x 5.4
	ín	276 x 98	571 x 118	630 x 197	709 x 213
Net weight	kg	28,400	52,550	82,000	170,000
	lbs	62,611	115,853	180,779	374,785

(*) Other features as distance between centers, maximum weight capacity, main power and rpm are due upon request

Standard Equipment

- Geared headstock with two-range rotations and continuous variable speeds
- Motor-driven tailstock with built-in live center sliding on independent guideways
- Electrical installation for 440 Vac, 50/60 Hz
- Chip conveyor interface
- Set of leveling screws and nuts
- Set of wrenches for machine operation
- Set of instruction manuals
- 8-jaw independent steel chuck:
  Ø 900 mm (Ø 35.43") for UT 1000
  Ø 1,200 mm (Ø 47.24") for UT 1500
  Ø 1,400 mm (Ø 55.12") for UT 1700
  Ø 1,500 mm (Ø 59.05") for UT 2000
- Individual systems of centralized lubrication for the main assemblies
- Four-way tool post

Optional Equipment

- Autotransformer
- Motor-driven steady rest
- Manual auxiliary operation panel with handwheel and JOG functions for the axes
- Special independent 8-jaw steel chucks
- Hinged belt chip conveyor
- Special turrets

Note: Other optional equipment upon request

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