

Model	LNC42	LNC65	LNC80
Unit	Metric (Inch)		
Capacities			
Collet bar capacity, dia. (through bore)	ø 42 (1.65")	ø 65 (2.56")	ø 80 (3.15")
Swing over bed	ø 260 (ø 10.2")		
Swing over slide	ø 150 (ø 5.9")		
Max. turning diameter (3-jaw power chuck)	ø 165 (ø 6.5")	ø 210 (ø 8.3")	ø 254 (ø 10")
Max. turning length	205 (8")		
(Turret type)	165 (6.5")	155 (6.1")	145 (5.7")
Max. turning length	280 (11")		
(Gang type)	240 (9.5")	230 (9.1")	220 (8.7")
Spindle			
Height of spindle center (approx.)	1030 (40.55")		
Spindle nose	ISO A2-5	ISO A2-6	ISO A2-8
Collet chuck type	F48 (ø42)	F72 (ø65)	F90 (ø80)
Power chuck reception	6"	8"	10"
Spindle / draw bar through bore	ø53 / ø43	ø78 / ø66	ø94 / ø78
Spindle drive			
Motor power cont. (Mitsubishi/Siemens)	7.5 / 10 kW (10 / 13.4 HP)		18 kW (20 HP)
Max. spindle speed	5000 rpm	4000 rpm	3000 rpm
Slide			
Longitudinal slide travel (Z-axis)	300 (11.8")		
Cross travel slide (X-axis)	300 (11.8")		
Resolution	0.001 (0.0001")		
Tool turret			
Number of tool positions	8		
Turning tool section	□ 20 (□ 3/4")		
Boring tool reception	ø25 (ø1")		
Indexing	0.35		
Servo motors			
Working feeds, X axis and Z	0~10000 mm/min (0~394 in./min)		
Rapid traverses, X axis and Z	15 M/min (590 in./min)		
Feed force, X axis and Z (Mitsubishi/Siemens)	5 Nm (1.0 kW / 1.4 kW) / 3.68 lb-ft (1.334 HP / 1.87 HP)		
Space requirements and weights			
Overall dimension (L x W x H)	2000x1500x1700 (78.7"x59.1"x66.9") (1800 Siemens)		
Approx. net weights of machine with electrical cabinet (G.W.)	1850 kg (4070 lbs)	1950 kg (4290 lbs)	2050 kg (4510 lbs)
Machine weight	2200 kg (4840 lbs)	2300 kg (5060 lbs)	2400 kg (5280 lbs)
Packing size	7.5 m ³ (24.6 ft ³)		
Hydraulic tank capacity	30 L (0.79 gal.)		
Hydraulic tank capacity (Rotary tool)	40 L (1.05 gal.)		
Hydraulic pump motor	0.75 kW (1 HP)		
Hydraulic pump motor (Rotary tool)	3.75 kW (5 HP)		
Coolant tank capacity	150 L (3.96 gal.)		
Coolant pump motor	0.375 kW (0.5 HP)		
Lubrication capacity	2 L, 10 c.c. / 10min		
Total power required (Mitsubishi/Siemens)	11 kVA		16 kVA

"MITSUBISHI" M64SL CNC controller with following functions as standard:

- * Parts program storage length 600M
- * Graphic trace of tool path
- * Multiple canned cycles
- * Automatic chamfering & corner rounding
- * Simultaneously controllable 2 axes
- * Tool offset memory 80 sets
- * Tool nose radius compensation
- * Tool life management
- * Constant surface speed control
- * Oriented spindle stop

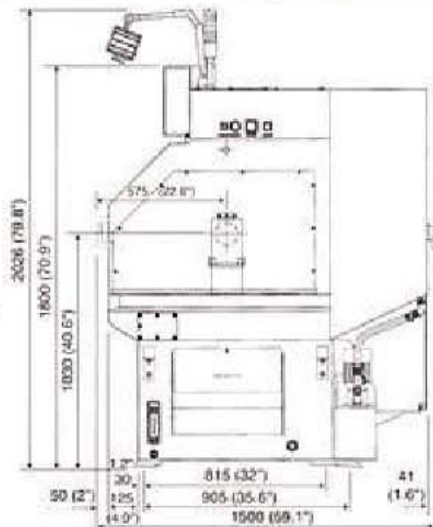
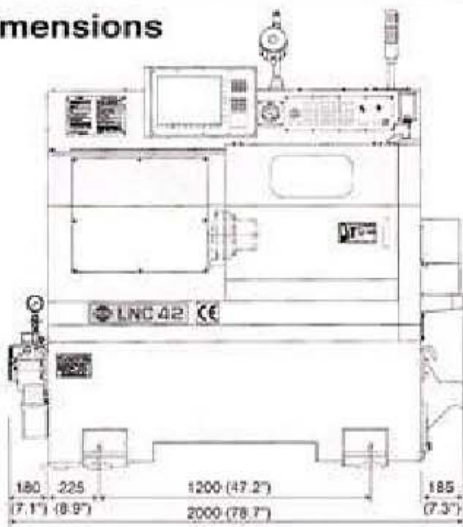
Standard equipment:

1. Spindle-collet chuck system
2. Hydraulic system
3. Coolant system
4. Automatic lubrication system
5. Work lamp
6. Front door safety interlock
7. Tool box & tool kits
8. Control cabinet heat exchanger
9. Air jet system
10. Spindle dividing system (48 pos.)
11. Foot pedal for collet & chuck open / close
12. Standard tool holders

Optional accessories:

1. 6"; 8"; 10" hollow power chuck (LNC42; LNC65; LNC80)
2. Chip conveyor with cart
3. Parts catcher
4. Extra tool holders
5. Automatic bar feeder
6. Tool turret 8 stations
7. Bar feeder interface
8. Hydraulic live tool with hydraulic system
9. Sub plate ass'y
10. Door interlock (CE)

Dimensions



Working area

