



Specifications

ITEM		ML-480(SL-200)	
Standard	C-axis		
Capacity	Swing over bed	Ø 480	
Swing over saddle	Ø 370		
Distance between center	615(A2-6)		
Max. machining dia.	Ø240	Ø 250	
Max. machining length	470(A2-6)		
Distance between noses			
Slant angle of bed	45 °		
Travel	X-axis	140(120+20)	190(125+65)
Y-axis			
Z-axis	520		
C-axis	360° (0.001°)		
W-axis			
Spindle	Spindle speeds (rpm)	0~4500(A2-6)	
Spindle nose	A2-6		
Spindle bore dia.			
Ø62(A2-6)			
Front bearing dia.	Ø100(A2-6)		
Bar capacity	52		
Chuck diameter	Ø8"		
Turret	Type	Hydraulic	
OPT: Servo	VDI		
Live-tooling			
Stations	STD:10		

CNC Turret lathe | ML480

Written by Administrator

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OPT: 8/12	STD:12		
OPT: 8			
Model	LS-160A		
LS-160SV	LS-160SP		
Square tool shank			
25	20		
Boring bar shank diameter			
Ø	40	Ø32	
Indexing time			
(0~180 °) (sec)			
2.4	0.85		
Live-Tool	Spindle speeds (rpm)		
50~4000			
Feedrate	Rapid traverse (M/min)		
X: 30, Z:30			
Tailstock	Quill diameter		
Ø65			
Tapered bore type			
MT-4			
Quill travel			
50			
Motors	Main spindle (kW)		
STD:β12/7000i 11/15			
OPT:α8/8000i 7.5/11			
Sub-spindle (kW)			
Live-tool (kW)			
α2(2.2/3.7)			
X/Z-axis servo motor (kW)			
X: β	12 1.8; Z: β		12 1.8
Hydraulic oil pump (kW)			
0.745			
Chip conveyor (kW)			
0.2			
Coolant pump (kW)			
0.96			
Accuracy	Positioning (mm)		
±0.003			
Repeatability (mm)	±0.002		
Power	Requirement (KVA)	15	
Machine Size	Height	1690	
Floor space (L x W)	2776x1994		
Packing (w/conveyor)	2930x2270x1650		
Net weight (w/conveyor) (2000)			
Gross weight			

(w/conveyor) (kgs) 3120

*Specifications are subject to change without notice

Standard

- FANUC 0i-Mate TD Control System
- Spindle Speed □ 4500 rpm
- Spindle Motor □ 11 / 15 Kw
- 8" Hydraulic Chuck
- Hydraulic 10-Tool Turret
- 5 Wedge Type Tool Clamps
- 5 Boring Bar Holders
- Hydraulic Tailstock with MT No.4 Quill
- Programming Manual
- Coolant System
- Parts List
- Leveling Bolts and Pads

Optional

- Fanuc 0i-TD Controller
- Parts Catcher
- Siemens Controller
- Foot Pedal for Tailstock
- Mitsubishi Controller
- Manual or Automatic Tool Setter
- 8" Hydraulic Chuck (KITAGAWA) Chuck
- Hydraulic Bar Feeder
- One Set of Hard Jaws
- Bar Feeder Interface
- Taper Sleeve (MT No.1 & MT No.2) x O.D. 40
- Oil Mist Collector
- Taper Sleeve (MT No.1 & MT No.2) x O.D. 40
- Boring Bar Bushings (ø 8, ø 10, ø 12, ø 16, ø 20, ø 32) x O.D. 40
- Automatic Lubrication System
- Chain Type Chip Conveyor + Chip Bucket