

CNC LATHE MUTITASKING MORI SEIKI MOD.ZL-150SMC

4-AXES - 2 LIVE TURRETS - 2 SPINDLES



TECHNICAL CHARACTERISTICS

CAPACITY

• swing over bed	mm.	680
• swing over cross slide	mm.	510
• max turning diameter turret 1	mm.	440
• max turning diameter turret 2	mm.	322
• max turning length	mm.	471
• bar work capacity	mm.	45

TRAVEL

• X axis travel turret 1	mm.	235
• Z axis travel turret 1	mm.	545
• X axis travel turret 2	mm.	175
• Z axis travel turret 2	mm.	490
• B axis travel spindle 2	mm.	555

SPINDLE

• spindle speed headstock 1	rpm	50-5000
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Dimensions and technical data are not demanding and can be changed at the discretion of the Manufacturer

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• spindle speed headstock 2	rpm	60-6000
• spindle nose	JIS	A2-5
• spindle hole diameter headstock 1	mm.	56
• spindle hole diameter headstock 2	mm.	43
• min spindle indexing angle headstock 1	degree	0,001°
• min spindle indexing angle headstock 2	degree	0,001°
• spindle bearing inner diameter headstock 1	mm.	90
• spindle bearing inner diameter headstock 2	mm.	80

TURRET

• number of tool station in the motorized turret 1	n°	12
• number of tool station in the motorized turret 2	n°	12
• size of outside turning tools	mm.	20x20
• boring diameter	mm.	32
• time tool changing	sec.	0,2
• tool turret speed	rpm	3000

FEEDS

• rapid feed X axis	mm/min	18000
• rapid feed Z axis	mm/min	24000
• rapid feeds axis B	mm/min	24000
• jog feedrate	mm/min	0-1260

MOTORS

• spindle motor (cont/30 min)	KW	7,5/5,5
• motor power of motorized tools turret 1 (cont / 30 min)	KW	4,0/3,0
• motor power of motorized tools turret 2 (cont / 30 min)	KW	3,0/2,5
• motor power X axis turret 1	KW	3,0
• motor power X axis turret 2	KW	2,7
• motor power Z axis turret 1 & 2	KW	3,0
• motor power B axis	KW	3,0
• coolant pump	KW	0,52x2

GENERAL DATA

• total power installed	KVA	42,4
• hydraulic tank	Liters	21

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- lubrication tank
- coolant tank
- height machine
- floor space
- weight machine

Liters	6
Liters	250
mm.	2106
mm.	3968x2150
Kg.	5650

STANDARD ACCESSORIES

- CNC Unit MORI (FANUC) MSD-501II
- Hydraulic collet chuck on spindle 1 with C axis
- Hydraulic collet chuck on spindle 2 with C axis
- N° 2 Manual Presetting
- Live tool turret 1
- Live tool turret 2
- Chip conveyor chaine type
- Rear ejection device for machined pieces via conveyor belt with tank
- Coolant system
- Live tool holder kit
- Static tool holder kit
- Operator and maintenance manuals
- CNC manuals
- CE Mark
- Year of construction 2001