



## CL 1100

### DESCRIPTION

- Major casting pieces are meehanite grade cast iron;
- Structure of column, base, saddle and head are ribs reinforced to ensure the best rigidity;
- Counter balanced weight ensures smooth head movement at rapid feed;
- Rigid spindle balanced with pulley and pre-run for 24 hours to check heat rise, noise and vibration before assembled to the headstock;
- All 3 axis run at least 48 hours to break-in the gibs before the execution of laser calibration.



### STANDARD EQUIPMENT

Fully enclosed splash guard  
Automatic lubrication system  
Work lamp  
Spindle air blast  
Coolant system  
Alarm light  
Portable Hand wheel  
Heat exchanger for electric cabinet  
ATC, 24 tools  
Chip flush system  
Auger type chip conveyor  
RS232 interface  
Levelling bolts and pads  
Tool box and tools  
User's manual

### OPTIONAL EQUIPMENT

Chain type chip conveyor  
Coolant through spindle  
Arm type ATC, 24 tools  
10000RPM spindle  
12000RPM spindle  
Spindle oil cooler  
4th axis interface  
CNC rotary table  
Transformer  
Rigid tapping  
Automatic power off (M30)

### TECHNICAL DATA

CHARACTERISTIC	UOM	VALUE
Work table	mm	1200x600
Table load capacity	kg	1200
Travel stroke	mm	1110x1110x550 (760)
Spindle to table distance	mm	150-700
Tool-changer capacity	N°	24 (32)
Max tool weight	kg	7
Max tool diameter	mm	80
Spindle nose	m/min	BT 40
Max. spindle speed	rpm	8000 (10000)
Spindle power	kW	7.5/11 (15/18.5)
Rapid travels/work X,Y/Z	-	30/30/30