

2.3. AXES SYSTEM

All axes are provided with high precision ball-screws. Axis motors are all directly mounted to ensure full torque on all axes.



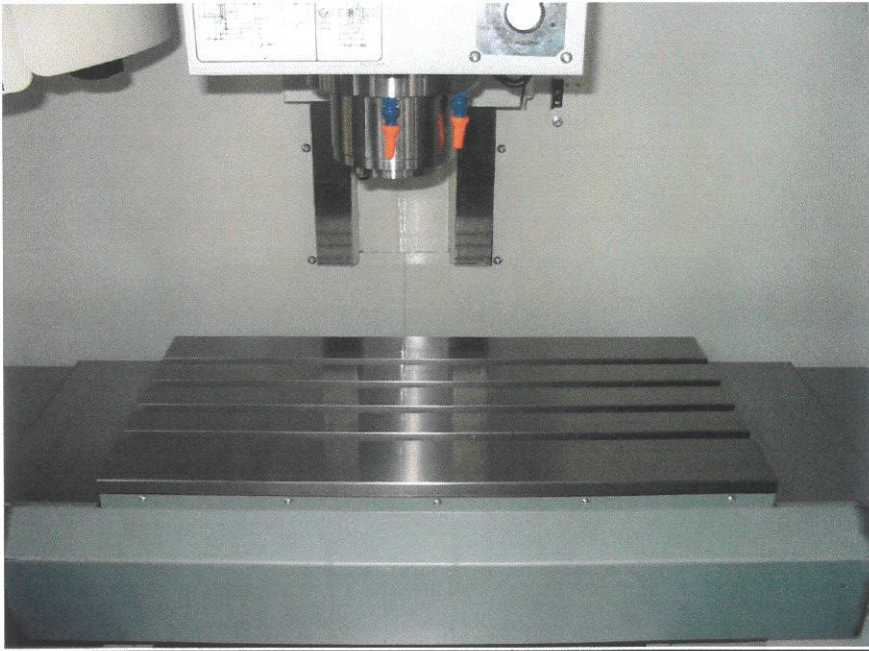
Symbol	Description	REMARK
1	BED	Base of machine Box ways Y axis guide
2	SADDLE	Y axis movement
3	COLUMN	Z axis movement slide way
4	TABLE	X axis movement
5	BALL-SCREW &SERVO-MOTOR	Devices for movement of all axes

Main specification

ITEM	AXIS	UNIT	SPECIFICATION
STROKE	X AXIS	mm	610
	Y AXIS	mm	405
	Z AXIS	mm	510
RAPID TRAVERSE	X AXIS	m/min.	20
	Y AXIS	m/min.	20
	Z AXIS	m/min.	20
CUTTING FEEDRATE		mm/min.	10000
BALLSCREW		mm	32 X P10; C5
POSITIONING ACCURACY		mm	0.005
REPEATABILITY		mm	0.004
SPINDLE CENTER TO COLUMN SURFACE		mm	450

2.2. TABLE

A massive design of working table enables large loading capacity. Please keep table surface good shape.



Main specification

ITEM	UNIT	SPECIFICATION
TABLE TYPE		SURFACE TYPE T-SLOT
		DISTANCE BETWEEN TABLE & FLOOR
TABLE SIZE	mm	800
ALLOWABLE LOAD	mm	760X360
	Kg	350

1.1. Layout

MCV-2416

