



### Standard accessories

1. X/Y/Z Linear guide way
2. X/Y/Z Extensible cover
3. Automatic oil pump
4. Cutting fluid system
5. System USB interface
6. Power cut-off function of electric cabinet
7. Manual pulse generator
8. Full close cover
9. Working lamp
10. FANUC-Oi-MF (Type5) Plus
11. Horizontal adjustment screws and padding blocks
12. Tool box & tools (1 set)
13. Data transmission line 1pc, BT40 shank 1pc
14. Transformer in machine cabinet
15. Machine tool operation and Maintenance instructions
16. Drawer water tank

### Source of main parts

- ◆ FANUC-Oi-MF from Japan
- ◆ FANUC Spindle servo motor from Japan
- ◆ FANUC driver from Japan
- ◆ FANUC X/Y/Z drive motor from Japan
- ◆ Kenturn Spindle (8000rpm) from Taiwan
- ◆ PMI Ball screw from Taiwan
- ◆ PMI Linear guide way from Taiwan
- ◆ NSK Bearing from Japan
- ◆ Shengxiang Automatic oil pump from Taiwan
- ◆ OKADA Tool magazine (24T disk type) from Taiwan
- ◆ Hao Cheng Booster cylinder form Taiwan
- ◆ Schneider Electrical components from France

| Specification                                   | VM1050L        |
|-------------------------------------------------|----------------|
| <b>Worktable</b>                                |                |
| Work table size (LxW)                           | 1200x460mm     |
| T-slot (NxWxD)                                  | 5x18mmx100mm   |
| <b>Travel</b>                                   |                |
| X/Y/Z axis travel                               | 1000/500/550mm |
| <b>Capacity</b>                                 |                |
| Distance form spindle center to column          | 520mm          |
| Distance form spindle nose to worktable surface | 150-700mm      |
| <b>Spindle</b>                                  |                |
| Spindle taper                                   | BT40           |
| Spindle power                                   | 7.5kw/11kw     |
| Max. spindle speed                              | 8000rpm        |
| <b>Feed (direct drive)</b>                      |                |
| Max. feed speed                                 | 12m/min        |
| Rapid feed speed (X/Y/Z)                        | 36/36/24m/min  |
| <b>Ball screw (diameter + lead)</b>             |                |
| X/Y/Z axis ball screw                           | 4012           |
| <b>Tool magazine</b>                            |                |
| Tool magazine capacity                          | 24T            |
| Max. length of tool                             | 300mm          |
| Tool change time(T-T)                           | 2.5s           |
| <b>Positioning accuracy (GB standard)</b>       |                |
| Positioning accuracy(X/Y/Z)                     | ±0.005mm       |
| Re-Positioning accuracy(X/Y/Z)                  | ±0.002mm       |
| <b>Machine area dimension</b>                   |                |
| LxWxH                                           | 2920x2080x2525 |
| <b>Machine weight</b>                           |                |
| Max. loading of worktable                       | 600kgs         |
| N.W.                                            | 5000kgs        |