

# OUR SERVICES

## CNC MACHINING CENTER



| Specifications         | VL-16i                           |                       |
|------------------------|----------------------------------|-----------------------|
| Travel                 | X - Axis Travel                  | 1600mm                |
|                        | Y - Axis Travel                  | 750mm                 |
|                        | Z - Axis Travel                  | 700mm                 |
|                        | Spindle Center To Z - Rail       | 830mm                 |
| Table                  | Spindle Nose To Table            | 120 - 820mm           |
|                        | Table Size                       | 1700 X 750mm          |
|                        | T - Slot (number*width*pitch)    | 8*18mm*110mm          |
|                        | Maximum Table Load               | 1500kg                |
| Spindle                | Spindle Taper                    | BT-40                 |
|                        | Spindle RPM                      | 90-10000rpm           |
| Feed Rate              | Type Of Driving                  | Belt Type             |
|                        | X,Y Axis Rapid Feed Rate         | 24m/min               |
|                        | Z Axis Rapid Feed Rate           | 24m/min               |
|                        | X,Y,Z Max.Cutting Feed Rate      | 10m/min               |
| Automatic tool changer | Arm Type (Tool to Tool)          | 3AT (Claw)            |
|                        | Max. Tool Diameter*Length(axis)  | Ø130X300mm(Ø75X300mm) |
|                        | Max. Tool Weight                 | 8 kg                  |
| Motor                  | Spindle Motor                    | MITSUBISHI 11/15KW    |
|                        | X,Y Axis Servo Motor             | 4.5KW 15/15KW         |
|                        | Z Axis Servo Motor               | 4.5KW BS 2.0KW BS     |
| Machine Accuracy       | Positioning Accuracy (1S)        | ± 0.005mm/300mm       |
|                        | Repeat Positioning Accuracy (1S) | ± 0.003mm             |
| Others                 | Approximate Weight               | 16000kg               |
|                        | Floor Space Measurement          | 3000*3110*3150mm      |