



| Number | Name               | CNC5X                      |
|--------|--------------------|----------------------------|
| 1      | Operating system   | Wide number GSK980MDI      |
| 2      | Servo motor        | Wide number 130SJT-M060D   |
| 3      | Server Driver      | Wide number GR2045T-LA1    |
| 4      | Ball screw rod     | SDF3208-C3                 |
| 5      | Main motor (servo) | Wide number 3.7KW          |
| 6      | Control appliance  | Fuji/Siemens               |
| 7      | Spindle            | BT40/7000 turn             |
| 8      | Tool magazine      | Four-station tool magazine |

| Name                              | CNC5X                                               |
|-----------------------------------|-----------------------------------------------------|
| Working schedule X/Y/Z            | 900*360*150mm Z axis with 400 manual strokes        |
| Working desk size                 | 1470*320mm                                          |
| Workbench T-slot                  | 16 slot width * 75 pitch * 3 strips                 |
| Guide rail hardness               | Average hardness HRC52-55                           |
| X-axis guide form                 | Swallowtail                                         |
| Y-axis guide form                 | Double swallowtail                                  |
| Number of linkage axes            | Three-axis linkage (supporting four-axis linkage)   |
| Spindle speed                     | Directly connected to 7000 rpm                      |
| Spindle taper                     | BT40                                                |
| Spindle sleeve diameter           | Ø120                                                |
| Spindle taper jump                | Within 0.005MM                                      |
| main motor power                  | 3.7kw (servo motor)                                 |
| Main motor rated torque           | 24N*M (three times overload operation in 5 minutes) |
| Shift mode                        | Infinitely variable speed                           |
| Maximum drilling capacity         | Ø25                                                 |
| Maximum tapping ability           | M16                                                 |
| Feed motor power                  | X/Y/6N*M Z/7.5N*M                                   |
| Fastest moving speed              | X/Y/8 m/min Z/18 m/min                              |
| Spindle center to column distance | 360MM                                               |
| Spindle end to table distance     | 0-400MM                                             |
| protecting mask                   | Half shield                                         |
| Programming mode                  | Computer/manual                                     |
| File transfer method              | USB/network cable                                   |
| Cool down                         | 120W waterproof water pump                          |
| Milling machine dimensions        | L1800*B1600*H2480mm                                 |
| Machine weight                    | 1800KG                                              |
| using electric                    | Three-phase AC380V                                  |
| Gas source                        | 0.5-0.8MPA                                          |
| Total power                       | 8.2KW                                               |