

Working Capacity

| | | |
|---|----|--------|
| - Work piece maximum diameter | mm | 8500 |
| - Distance between columns | mm | 8500 |
| - Work piece maximum diameter through gantry travel | mm | 11000 |
| - Work piece maximum height | mm | 6000 |
| - Work piece maximum weight on faceplate | kg | 100000 |

Table-Faceplate

| | | |
|---|---------|-----------------|
| - Diameter | mm | 6000 |
| - Speeds range (continuously variable) | rpm | 0-50 |
| - 4 x Main motor FANUC make | kW | 160 KW (4 x 40) |
| - Maximum torque available at the table | Nm | 470000 |
| - Feed range (milling operations) | dgr/min | 1 ÷ 240 |

Fixed table

| | | |
|--------------|----|-------------|
| - Dimensions | mm | 3x2000x6000 |
|--------------|----|-------------|

Gantry

| | | |
|---------------------------------------|--------|-------|
| - Horizontal travel Y axis | mm | 11800 |
| - Feeds range (continuously variable) | mm/min | 10000 |

Cross rail

| | | |
|--------------------------------------|--------|---------|
| - Vertical travel W axis | mm | 5200 |
| - Feed range (continuously variable) | mm/min | 0 ÷ 250 |
| - Feed motor power | KW | 50 |

Vertical Rail Head (turning and milling operations)

| | | |
|--------------------------------|---------|---------|
| - Vertical ram travel (Z axis) | mm | 2700 |
| - Rapid feed speed for Z axis | mm/min | 10000 |
| - Ram cross section | mm x mm | 450x450 |
| - Milling motor power | kw | 40 |
| - Milling shaft max. speed | rpm | 3000 |
| - Milling spindle taper | - | ISO# 50 |

1.1. Electrical equipment

| | |
|---|---------------|
| - Power source – A.C. | 415 V ± 10 % |
| - Frequency of voltage | 50 Hz ± 2 % |
| - A.C. motors (with frequency converter) – FANUC make | |
| - Main motor for rotation of table | 40 kW - 4 pc. |
| - Motor for rotation of spindle | 40 kW - 1 pc. |

1.2. Automation equipment

- FANUC 31i
- Include hand held unit.