

**Machine Name : Inverted lathe**

**Brand : EMAG**

**Machine Model : VSC630**

**Stock No. : 87660**

**Ex-factory Date : To be supplemented**



**Main Technical Parameters:**

chuck diameter: 500/630mm

The travel of the X\*Z axis: 1150\*500mm

Spindle speed: 2000Rpm

X\*Z axis rapid shift: 30\*20m/min

Footage: 4500\*1950\*4500mm

The weight of machine tool is 20,000 kg





1.2.1. Technical data VSC 630

|                                       |         |         |
|---------------------------------------|---------|---------|
| <b>Working area</b>                   |         |         |
| Chuck diameter                        | mm      | 500/530 |
| Swing diameter                        | mm      | 680     |
| X path                                | mm      | 1150    |
| Z path                                | mm      | 500     |
| <b>Load time</b>                      | sec.    | 8       |
| <b>Main spindle</b>                   |         |         |
| Spindle flange acc. to DIN 55/08      | size    | 11      |
| Spindle bearing arrangement - Ø front | mm      | 190     |
| Maximum speed                         | rev/min | 2000    |
| <b>Main drive</b>                     |         |         |
| Three-phase A.C. motor                |         |         |
| 40% duty cycle                        |         |         |
| Maximum power                         | kW      | 41      |
| Full power ac of spindle speed        | kW      | 74      |
| Maximum 40% duty cycle                | rev/min | 300     |
| Maximum moment                        | Nm      | 1310    |
|                                       | Nm      | 2350    |
| <b>Feed drive</b>                     |         |         |
| Rapid traverse speed X                | m/min   | 30      |
| Rapid traverse speed Z                | m/min   | 20      |
| Feed travel in X and Z                | mm      | 18      |
| Feed travel in X and Z                | mm      | 50      |
| <b>Radial type turret</b>             |         |         |
| Parallel slant seat DIN 69830         | mm      | 8 fold  |
| Chuck Ø                               | mm      | 60      |
| <b>Electrical equipment</b>           |         |         |
| Operating voltage                     |         |         |
| Control voltage - sleep current       | VAC     | 400     |
| Control voltage - starting current    | VDC     | 24      |
| Frequency                             | Hz      | 230     |
| <b>Mass and weight</b>                |         |         |
| Length                                | mm      | 4500    |
| Breadth                               | mm      | 1800    |
| Height                                | mm      | 450     |
| Weight                                | kg      | 4500    |

