

DUGARD | MINI MILL - 450 | 2005 | SEIMENS 802 D

VERTICAL MILLING MACHINE



MODEL

Mini Mill - 450

YEAR

2005

CONTROLLER

Seimens 802 D

The above Info is to the best of our Knowledge, but it's not binding in detail.

TECHNICAL DATA**TABLE**

| | |
|-----------------------------------|--------------------|
| <i>Table Size</i> | 700 x 320 mm |
| <i>T – Slot (no. x wid x dis)</i> | 3 x 14 mm x 100 mm |
| <i>Table Load</i> | 150 kg |

TRAVEL

| | |
|-----------------|--------|
| <i>X Travel</i> | 450 mm |
| <i>Y Travel</i> | 350 mm |
| <i>Z Travel</i> | 380 mm |

SPINDLE

| | |
|---------------------------------|-------------------------------|
| <i>Spindle Nose to Table</i> | 135 ~515 mm |
| <i>Spindle Centre to Column</i> | 430 mm |
| <i>Spindle Taper</i> | # 40 |
| <i>Spindle Speed</i> | 80 ~ 8000 rpm (opt. 10000rpm) |

FEED RATE

| | |
|----------------------------------|----------------------|
| <i>Rapid on (X / Y / Z) Axes</i> | 36 / 36 / 36 m / min |
| <i>Cutting Feed rate</i> | 1 ~ 10000 mm / min |

ACCURACY

| | |
|----------------------|------------|
| <i>Positioning</i> | ± 0.005 mm |
| <i>Repeatability</i> | ± 0.003 mm |

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TECHNICAL DATA**TOOL CHANGER**

| | |
|---|---------------------------|
| <i>Tool Capacity</i> | 12 |
| <i>Tool Shank</i> | BT 40 or CT 40 |
| <i>Tool Change Time</i> | T – T: 6sec, C – C: 10sec |
| <i>Magazine type</i> | Carousel |
| <i>Pull Stud</i> | JMBTA Standard 45 degree |
| <i>Max. Tool Diameter with Neighbour Tool</i> | 100 mm |
| <i>Max. Tool Weight</i> | 5 kg |

MOTOR

| | |
|------------------------------------|--|
| <i>Spindle Motor Digital</i> | FANUC: 5.5 kW / SIEMENS: 8.5 kW (S6 – 60%) |
| <i>Drive Motor X, Y, Z Digital</i> | X, Y:0.9 kW, Z: 1.4 kW |
| <i>Coolant Pump</i> | 0.38 kW |

GENERAL

| | |
|----------------------------------|---------------------------------|
| <i>Power Required</i> | 10 KVA |
| <i>Air Required</i> | 5 kg/cm ² , 200L/min |
| <i>Floor Space (L x W x H)</i> | 2315 x 1550 x 2200 mm |
| <i>Machine Weight (approx..)</i> | 2200 kg |

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