### Technical Specifications

- **Capacity:**
  - Swing over bed: 480 mm
  - Chuck dia. max: 165 mm
  - *Collet Chuck*
    - Round: 42 mm
    - Hex: 36 mm
    - Square: 29 mm
  - Max. turning diameter: 200 mm
  - Max. turning length: 300 mm
  - Admit between center: 320 mm

- **Spindle:**
  - Spindle nose: A2-5
  - Spindle Type:
    - Cartridge type Spindle
    - Angular contact bearing (NSK 7016)
  - Hole through spindle: 52 mm
  - Spindle Bearing Dia: 80 mm
  - Spindle speed: 50-4000 rpm
  - Spindle motor power: 3.7 kW

- **Axis Details:**
  - Cross travel X-axis: 105 mm
  - Longitudinal travel Z-axis: 320 mm
  - Rapid traverse rate:
    - X-Axis: 10 m/min
    - Z-Axis: 20 m/min
  - Ball Screw:
    - X-Axis: 25X5 mm (C3 Class)
    - Z-Axis: 32X10 mm (C3 Class)

- **Turret:**
  - No. of stations: 8 nos.
  - Tool shank size: 25X25 mm
  - Maximum boring bar dia.: 40 mm
  - Turret indexing: Hydraulic

- **Tailstock:**
  - Quill dia: 60 mm
  - Quill stroke: 70 mm
  - Quill taper: MT-4

- **Accuracy:**
  - Repeatability: 0.005 mm
  - Positioning: 0.008 mm

- **CNC System:**
  - Controller: Siemens 808 D Advance with Absolute Encoder Motor

- **Machine size:**
  - L x W x H: 2000 x 1450 x 1580 mm
  - Machine Weight (Approx): 2500 kg

### Standard Accessories
- Coolant supply equipment
- Foot switch
- Hand tool kit (including small tool for operations)
- Hydraulic chuck and actuating cylinder
- Hydraulic power unit
- Levelling jack screw and plates
- Lubrication equipment
- Soft jaws & Hard jaw (1 Pair)

### Optional Accessories
- *Collet Chuck*
- Master Sleeve A32
- Master Sleeve A42
- Collets for Collet Chuck
- Bar Feeder interface
- Operating Door interlock
- Tail Stock
- Tool Holders & Sleeves
- Siemens Servo Spindle 3.7 / 5 Kw
- Tower lamp
- Panel Ac

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