



## TP 1000 VISU

(Ref. 21300016)

Machining of metal and non-ferrous materials with coolant

**Usage intensif**

Guarantee:  

Photo et textes non contractuels

### Product Information:

Engine lathe  
Digital display (alimentation 230 V monophasé) :  
Longitudinal stroke: 850 mm, transversal stroke: 205 mm, top stroke: 95 mm  
Programming 200 additional zero points and 200 tools  
Measuring tapers  
Grey cast iron, induction-hardened and ground reinforced prismatic bench  
CAMLOCK D1-4-type spindle  
Hardened and ground bath-lubricated spindle, fitted on 2 high-precision taper roller bearings  
Turning accuracy < 0.015 mm on the chuck  
Hardened and ground gearbox gears, lubricated in an oil bath  
No-play guideways, adjustment through gibs  
8-gear mechanical gearbox  
Rapid gear change through mechanical gearbox  
Longitudinal and transversal automatic feeds  
Simultaneous control of spindle and lead-screw  
Side motion of mobile spindle +/- 10 mm  
max. Ø maxi over carriage: 212 mm  
max. Ø maxi under gap bench: 491 mm  
Left/right inversion of rotational direction through an apron control

Impulse operating

Verniers with reset on all axes

Equipments:

Detachable gap bench, length 205 mm

Chip draw, anti-projection wall, fitted stand

Servo chuck protective shield

Coolant system, foot-pedal control, lighting 24V

Lead-screw protection, turning bar

Levelling and anti-vibration 6 feet

Tool box, Oil pipette, Kit of additional pinions

Precision of verniers:

Saddle: 0.15 mm - 15 mm/rev

Transversal carriage: 0.04 mm - 4 mm/rec

Top carriage: 0.04 mm - 4 mm/rev

Second spindle: 0.04 mm - 4 mm/rev

### Technical characteristics:

Height (cm) : 165.00

Width (cm) : 75.00

Length (cm) : 183.00

Net weight (Kg) : 624.00

Power(kW) 2.2

Power (V) 3-phase 400V

Spindle speed (rpm) 70 - 2000

Distance between centers (mm) 1 000

Center height (mm) 180

Bed width (mm) 185

Machining max. Ø (mm) 350

Spindle taper MT5

Number of gears 8

Spindle bore (mm) 38

Headstock Morse Taper MT3

Quill stroke (mm) 100

Longitudinal/transversal feedrates (mm/rev) 1 (32) 0.078 - 1.044

Longitudinal/transversal feedrates (mm/rev) 2 (32) 0.018 - 0.236

Transversal stroke (mm) 205

Top stroke (mm) 95

Metric-pitch thread (mm) (26) 0.48 - 10

Inch-pitch thread (TPI) (34) 4 - 56

**Supplied with:**

- type-E rapid couplig turret + 3 tool-holders 20 x 100 type D + 1 tool-holder 20 x 100 type B,
- 3-jaw chuck Ø 160 mm, 4-jaw chuck Ø 200 mm,
- spindle plate Ø 250 mm, clamping set for spindle plate,
- set of 3 external jaws, set of 3 soft jaws,
- self-clamping chuck 16 mm + Chuck shank MT3,
- fine adjustment saddle stop,
- live center MT3,
- steady rest,
- following rest