



## 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 tapered 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 gibbs  
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) : 155.00  
Width (cm) : 70.00  
Length (cm) : 190.00  
Net weight (Kg) : 650.00  
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