



## TP 510

(Ref. 21300021)

Dry machining of metal and non-ferrous materials  
**Usage intensif**

Guarantee:  

Photo et textes non contractuels

### Product Information:

Bench lathe  
Cast iron, induction hardened and ground, prismatic bed  
Hardened spindle fitted on 2 high-precision conical-roller bearings  
No-play guideways, adjustment through gibs  
Longitudinal and transversal automatic feeds  
Orientable upper saddle  
Side motion of the mobile headstock +/- 5 mm for conical turning  
Left/right inversion of rotational direction  
Electronic speed variator  
Digital display of the spindle speed  
Verniers with reset on all axes  
Optional stand  
Equipments:  
Anti-projection wall  
Servo chuck protective shield  
Turret protective shield  
Lead-screw protection  
Tool box  
Oil pipette  
Kit of additional pinions  
Precision of verniers:  
Saddle: 0.5 mm - 20 mm/rev  
Transversal saddle: 0.5 mm - 20 mm/rev  
Upper saddle: 0.02 mm - 1 mm/rev  
Counter-headstock: 0.02 mm - 1 mm/rev

### Technical characteristics:

Height (cm) : 40.00  
Width (cm) : 55.00  
Length (cm) : 113.00  
Net weight (Kg) : 115.00  
Power(kW) 1  
Power (V) 1-phase 230V  
Spindle speed (rpm) 100 - 2000  
Distance between centers (mm) 510  
Center height (mm) 110  
Bed width (mm) 115  
Machining max. Ø (mm) 210  
Spindle taper MT3  
Number of gears variable  
Spindle bore (mm) 20  
Headstock Morse Taper MT2  
Quill stroke (mm) 60  
Longitudinal/transversal feedrates (mm/rev) 1 (2) 0.045 - 0.126  
Transversal stroke (mm) 110  
Top stroke (mm) 75  
Metric-pitch thread (mm) (17) 0.25 - 3  
Inch-pitch thread (TPI) (13) 8 - 56

### Supplied with:

3-jaw chuck Ø 100 mm, 3 external jaws, Self-clamping chuck 16 mm + Chuck shank MT2, set of 11 tools 10 x 10 mm with soldered carbide tips, live center MT2, fixed center MT2, fixed center MT3