

CERGIL INDUSTRY S.r.l.

Sede legale: Via Fieno 3 – 20123 Milano

Sede operativa e stabilimento: Via degli Artigiani 2/4 27010 Localita' Prado Cura Carpignano (PV) -IT-

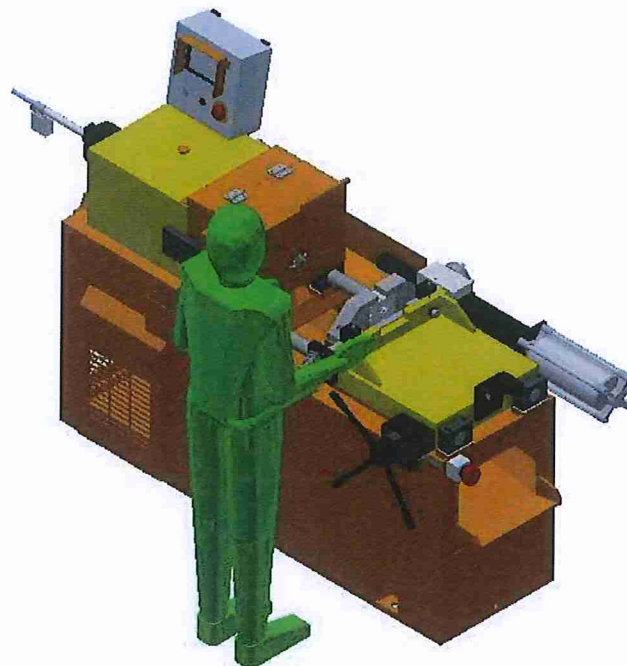
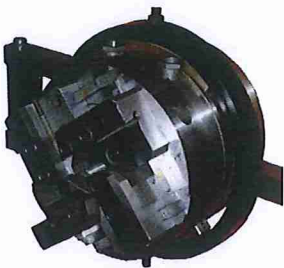
www.cergil.it phone number 0039 0382 465089 fax number 0039 0382 461468

E-mail info@cergil.it

Codice fiscale e partita IVA 08295050960



Threading machine F60 Type V



Threading capacity

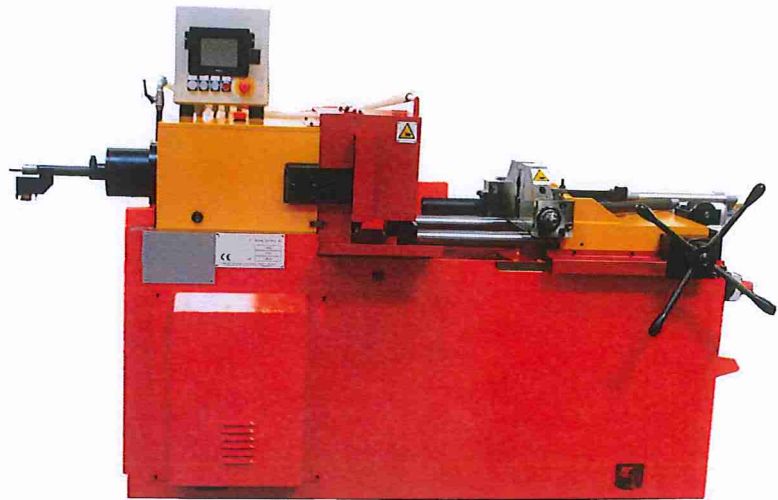
- ✓ Diameter from 10 to 60mm 7/16"- 2 1/4" (depends of the steel hardness)
- ✓ Any type of threads: parallel or tapered.
- ✓ Right- or left-hand thread.
- ✓ Standard thread length: 300mm on head R60





Operating

- ✓ Self-centering and pneumatic clamping – maximum clamping force of 2 tons. Opening and closing of the clamp related to the position of the cart. Clamping jaws removable and adaptable depending on the piece geometry and characteristics. Maximum opening stroke of 24 mm.
- ✓ Adjusting the thread length by a pneumatic abutment – internal to the spindle.
- ✓ 7" control screen to set up the spindle speed according to the cutting parameters, diameter and thread pitch.
- ✓ Working position on the right or left of the machine (to be defined upon order).
- ✓ Automatic watering.



Construction

- ✓ Tool holder spindle driven by hardened ground gears for standard reduction 1/12
- ✓ Diameter of the spindle way of 64 mm
- ✓ Cart on 2 50mm diameter pillars and ball bearings.
- ✓ Clamp axis adjustable in front of the spindle.
- ✓ Machine welded frame with chip tray and oil reservoir (soluble or plain oil), about 13 liters.
- ✓ Clamp operated by rack and pinion and pneumatic cylinder.
- ✓ Safety cover on rotating parts.
- ✓ Threading head type R60 or R33 with removable chaser holders.



Technical and electrical features



- ✓ 24 V control voltage
- ✓ 400 V 13 KW Three-phase 50/60 Hz
- ✓ 6-pole engine 7.5 KW 950 rpm
- ✓ Standard reduction 1/12
- ✓ Electronic speed variator 15 KW with dynamic braking.
- ✓ Variable speed from 25 to 300 rpm for standard reduction 1/12
- ✓ Maximum torque on the spindle of 1033 Nm for standard reduction 1/12
- ✓ Watering pump 0.16 KW.
- ✓ 7" control colour monitor.
- ✓ CE Standard.
- ✓ Weight: 1300 Kg
- ✓ Dimensions: 1500 (height) x 2400 x 1200 mm
- ✓ Emergency stop device
- ✓ Safety interlock switch
- ✓ Three rows of drive belts



Option

- ✓ Tools for peeling.
- ✓ Special chasers (ASP, TIN, Thread profile)
- ✓ Rolling head mounting.
- ✓ Chaser holder with helix angle adapted to a specific dimension.
- ✓ Specific reduction and torque on the spindle.
- ✓ Lead screw.
- ✓ 8 gearboxes with or without speed variator.
- ✓ Longer carriage stroke.
- ✓ Rework on threaded bars.
- ✓ Specific clamping jaws.
- ✓ Chaser sharpening machine.
- ✓ Working table with roller path.



Here on the side, the video of an example of threading machine F60.

