

Tapping Capacity : M2-M27 (M30)



High frequency electric motor:

Power : 750 W – 50/60 Hz.
Max torque: 150 Nm (90 rpm)
Power supply : monophasic 220 – 240 V
 - Available a 110 V (on request)
Max speed : 1050 rpm

The machine itself consists of a radial arm joint to a tilting arm balanced by means of a pneumatic spring. The head member and the electric motor find themselves at the end of the tilting arm and is adapt to always move at right angle with respect to its working area.

Through the base (1) and by means of three M8 (120°) screws the machine can be fixed to a table or workbench. Such attachment can also be obtained by means of a simple clamp.

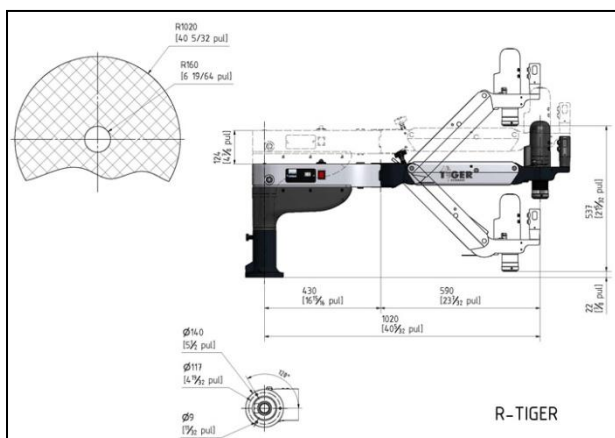
The speed is regulated by means a variator board located in the “electronic box casing”. The turning motor speed and the **optional automatic lubrication** and **depth control** are adjustable by means of the buttons being located over the “radial arm”. The speed can be thus adapted to every thread type.

Equipped with a single phase (220V or 110V) HIGH FREQUENCY MOTOR, is able to adapt the **modular system** consisting in a series of 7 quick-change modules (reducers). As a result of this output speeds are available thus allowing to adapt the tap speed to every type of thread.

The tapholders are fixed to the motor by means of a quick change, and taps fixes directly to the tapholders. With this simple method, we reduce the time of change of tooling with the consequent save of time, increasing of the productivity in all threading operations.

Module	Max Speed (r.p.m.)	Max Torque. (Nm)	Coupl. Torque (mm)	Max. Thread Aluminium	Max. Thread Steel <80Kg	Max. Thread Steel >80 Kg
90	90	150	Ø 31	M 30	M 27	M 22
170	170	79	Ø 31	M 22	M 18	M 16
300	300	44	Ø 19	M 16	M 16	M 14
550	550	24	Ø 19	M 14	M 12	M 10
750	750	17	Ø 19	M 12	M 10	M 8
1.050	1.050	12,5	Ø 19	M 8	M 8	M 6
2.100	2.100	6	Cone B16	(To drill up to Ø8 Aluminium, Cast Iron)		

MODULAR SYSTEMS:



Working areas

Radius: 1020 mm
High: 535 (660) mm

LIFTER: For working in high positions, lift the machine till reaching the top (125 mm.)



Optional setting (on request):

- **Automatic lubrication:** the lubrication time according the thread size is adjusted through the upper bottom
- **Depth control:** Adjusted by a display located in the upper part of the arm.

ROSCAMAT TIGER -VH-: equipped with an articulated headmember of easy handling that can be set in 4 positions 90°.

WORKING AREA:

Radius: 1160 mm.
High: 535 (660 mm.)

