

**High Frequency Electric Motor:****Power: 1000 W****Max. Torque: 340 Nm (40 rpm)****Power supply:****Single-phase 220 – 240 V 50/60 Hz.****Highest speed: 900 rpm**

The machine is formed by a tilting arm being by means of a pneumatic spring, said arm being fitted through an intermediary union to a radial arm being revolvable around 360°. The assembly is secured to the workbench by means of a base plate being provided with a post clearing the whole table area.

The motor head finds itself at the end of the tilting arm and is apt to always move at right angles with respect to its working area.

The **motor speed**, the **tool automatic lubrication** and the **depth control** can be adjusted by means of a display placed on the cover of the electronic board case.

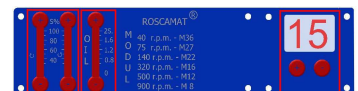
The **modular system** is apt to be fitted to the electronic motor and consists of a 6 quick-change planetary speed reducers giving 6 different speeds and torques. The speed can be thus adapted to every thread type.

The tool holders (or tap adaptors) with or without safety clutch are also apt to be fitted to the modules by means of a quick-change system.

Module	Max. Speed (rpm)	Max Torque. (Nm)	Ø Coupl.	Alumin. 100 HB	Steel <90Kg	Steel 90-115 Kg.
40	40	340	Ø48	M42	M36	M33
75	75	185	Ø31	(M33)	M27	M27
140	140	95	Ø31	M27	M22	M22
320	310	44	Ø19	(M20)	M16	M16
500	480	28	Ø19	M16	M12	M12
900	900	15	Ø19	M10	M8	M6

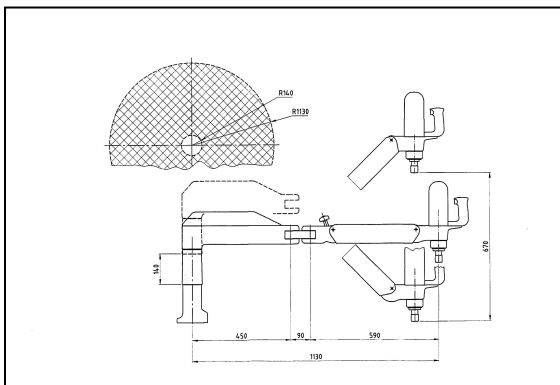
DEPTH CONTROL

By means of an internal encoder, the machine controls the vertical arm position (Axe Z) in mm. and in vertical operations so that you can control at which desired depth you wish to tap.

**AUTOMATIC TAP LUBRICATION**

Inside the arm the cutting oil reservoir is located. This is used for lubricating the tool during the tapping operation.

Both operations must be adjusted by means a display control placed on the cover of the electronic board case.



LIFTER: We can increase the working area in 175 mm in order to work on different height levels.



ROSCAMAT SHARK VH, is supplied with an articulated head of easy handling which allows us to position the motor in vertical or horizontal position.

WORKING AREAS:Radius: **1415 mm.**High: **635 (810 mm.)****WORKING AREAS**Radius : **1215 mm**High: **635(810) mm.**