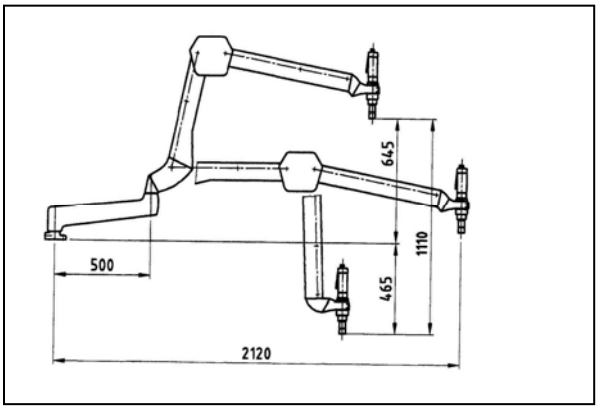
Pneumatic models

ROSCAMAT 500 M3-M24



We can consider the usage of the machine ROSCAMAT-500 identical to the ROSCAMAT-400, but with the advantage of having much more working area, thanks to the length of the arms.
This model only works in vertical position. Through the foot by means of three M8 screws the machine can be fixed to a table or workbench. Such attachment can also be obtained by means of a simple clamp.
The regulating handwheels allow to balance the tilting arms and to position them at the operator's convenience.
The machine incorporates an air servicing unit (filter+regulator+lubricator) for the correct operation of the motor.



WORKING AREA:
Radius: 2.120 mm
Height: 1.110 mm

ROSCAMAT 500 (VH)

The ROSCAMAT-500 can be supplied with the orientable headmember VH. It allows to set the machine in **4 different positions at 90°.** The only difference between the machine model ROSCAMAT 400 C43 is the working area which is larger on the latter.



WORKING AREA:
Radius: 2.230 mm
Height: 1.110 mm

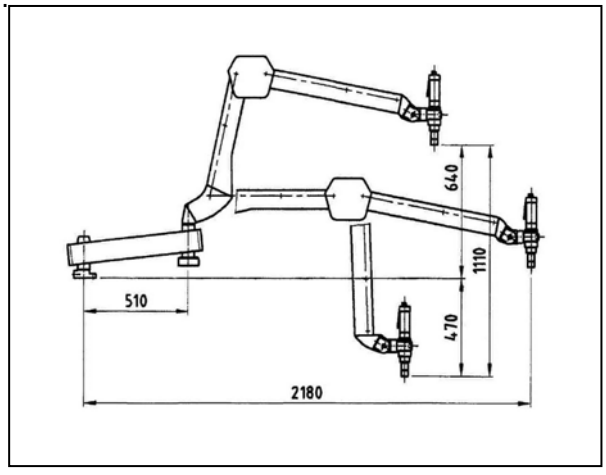
ROSCAMAT 500 RH M3 - M24



This is the genuine unit to **work in any position in space** therewith always maintaining the perpendicularity to the desired plane irrespective of the arm position. The machine consists of a radial arm supporting both articulated arms that can be adjusted by means of the regulation handwheels.

The multiposition head is a double swivel joint device allowing to lock and unlock both its swivel pins to thus position the head and keep it blocked in order to thus operate in any position in space. The head mechanism is formed by a cam system with an equaliser and disc springs applying a load of 1000 Kg. to two cone sets locking pins.

The radial arm incorporates a chain drive, which is activated or deactivated by means of a face-toothed coupling according to the intended working position.



WORKING AREA:
Radius: 2.180 mm
Height: 1.110 mm

Modular system

The system consists in a series of 7 modules (speed reducers) for quick replacement to be coupled to the motor to thus make available 7 different tool rotational speeds, from M2 up to M24 getting a big time and energy saving.

Module	Max. speed (r.p.m.)	Torque max. (Nm)	Coupling diameter	Max. Thread Aluminium Cast iron	Max Thread Steel <80Kg	Max. thread Steel >80 Kg
90	90	150	∅ 31	M 27	M 24	M 22
170	170	79	∅ 31	M 22	M 18	M 16
300	300	44	∅ 19	M 16	M 16	M 14
550	550	24	∅ 19	M 14	M 12	M 10
750	750	17	∅ 19	M 12	M 10	M 8
1.050	1.050	12,5	∅ 19	M 8	M 8	M 6
2.100	2.100	6	Cono B16	(Drill up to ∅8 in aluminium, Cast)		

Optional:
Tool Lubrication Equipment (E)

System equipped with an oil rate regulating valve, with the purpose to lubricate the tool during the thread operation.

