



# Flat dies machines for screws and special threads

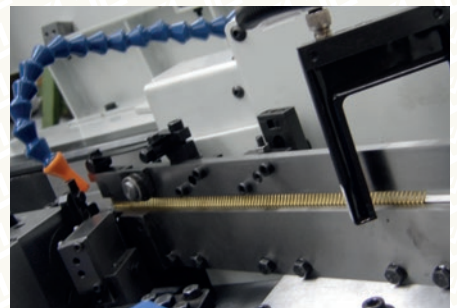
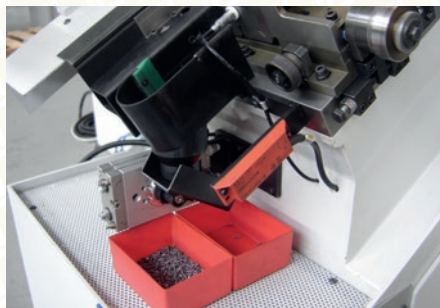
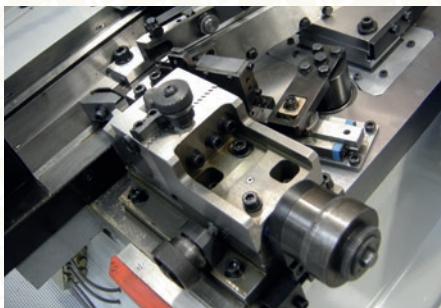
## micro thread rolling machine **RP3**



RP3 last release, with efforts control unit and sorting gate for bad pieces.

RP3 is a micro rolling machine for producing “micro” screws with a diameter ranging from 1 mm to 3 mm; in other words, all those parts known as “metal nuts and bolts” that are used in electronic boards and in the production of watches, bracelets and other small items. It has an automatic loading device especially for nuts and bolts, with interchangeable parts for measurement change, insertion of pre-calibrated parts, semi inverter speed variation, and millesimal adjustment on toolholder block advance (considering that the thread step is 0.25). New style tool-holder block: the 3 advance movements (longitudinal, vertical and transversal) are totally independent; the comb can be vertically tilted, with adjustment and fixing,

and the whole block can be adjusted to increase or reduce the pressure as the screw begins rolling; pre-loaded introducer punch in both movement and thrust, to prevent false starts; guide support connected to the shaker-holder rack, with the possibility to make tiny adjustments to optimise the grip point between the guide and the shaker; the mobile comb-holder slide is pre-loaded, so is absolutely free of play (an essential condition to ensure all the screws come out identical and with the required tolerance values). The top quality and precision of the parts to produce is fully guaranteed. A jewel of a machine in terms of characteristics, quality and size.



**Technical features: approximate values.** The machine speed can change according to the material used and the type of item to be rolled. Measures in mm.

Output capacity	Diameter of screw	Length of thread	Max length of shank underhead	Standard tool sizes	Total power of motors	Net weight approx	Machine Sizes
min 70 max 350	min 1 max 3	min 1,5 max 14	24	45x51x25 Sp.18	HP 3	Kg. 680	500x750 x1200