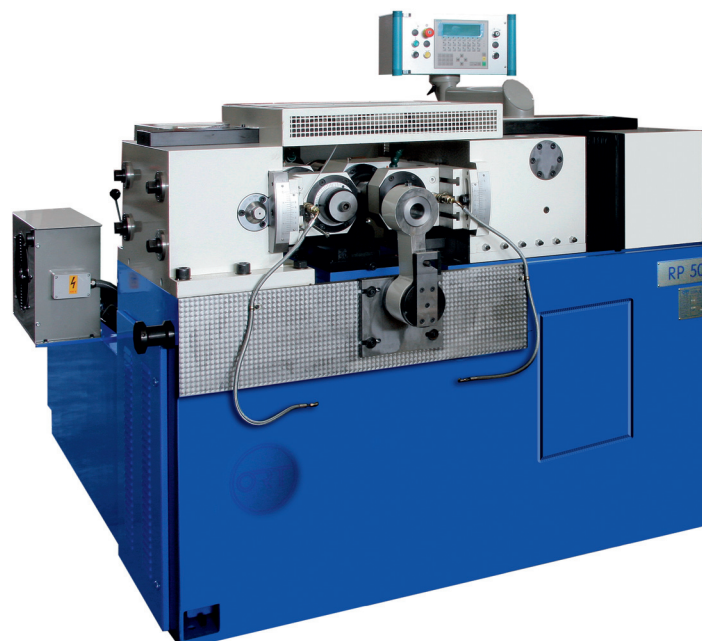


RP Series

The RP series of hydraulic rolling machines are equipped with two rolling spindles, with one moving head.

The machine can be controlled by means of the PLC or of the CNC and have powers, ranging from 100 to 1500 kN; they have been developed to allow fast and precise plunge rolling operations or thru-feed rolling operations.

These machines are perfectly suitable for all types of threading on cylindrical materials (ISO, ACME, TPN, WORM SCREWS, etc.).



Technical features

| | RP10 | RP18 | RP24 | RP30 | RP50 | RP75 | RP100 | RP125 |
|-----------------------------|--------|-------|-------|-------|-------|-------|-------|---------|
| Max pressure (kN) | 10 | 18 | 24 | 30 | 50 | 75 | 100 | 125 |
| Max workpiece diameter (mm) | 30 | 40 | 70 | 100 | 120 | 140 | 160 | 200 |
| Min workpiece diameter (mm) | 2 | 2 | 3 | 3 | 4 | 4 | 4 | 4 |
| Max die width (mm) | 65 | 170 | 200 | 200 | 200 | 300 | 300 | 350 |
| Max head inclination (deg) | ±8° | ±9° | ±10° | ±10° | ±10° | ±13° | ±13° | ±13° |
| Spindles Diameter (mm) | 40 | 54 | 54 | 69,85 | 80 | 100 | 100 | 100/120 |
| Spindle speed min/max (rpm) | 50/150 | 25/90 | 30/90 | 30/90 | 15/60 | 15/60 | 15/60 | 15/60 |
| Main Motor Power (kW) | 4 | 5.5 | 11 | 14,7 | 18,4 | 36,8 | 55 | 73,6 |
| Weight (kg) | 1200 | 1200 | 3500 | 3500 | 5000 | 3000 | 10000 | 11000 |
| Minimum die diameter (mm) | 85 | 150 | 150 | 150 | 170 | 210 | 210 | 210 |
| Maximum die diameter (mm) | 138 | 185 | 215 | 200 | 235 | 315 | 315 | 330 |

Options

1. Moving head with hydraulic control or electromechanical axis
2. Spindle rotation by means of gear box or by brushless drive motors
3. Base (A), electronic (C) and digitally operated (CNC) version.



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