

## 2RP Series

The 2RP hydraulic rolling machines are equipped with two rolling spindles and with two moving heads.

The two moving heads allow the work piece to rotate in one fixed position during rolling thus improving the forming process and simplifies the loading/unloading system for long bars.

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

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



### Technical features

	2RP18	2RP30	2RP50	2RP80	2RP120
Max pressure (kN)	18	30	50	80	120
Max workpiece diameter (mm)	60	100	120	140	200
Min workpiece diameter (mm)	2	3	4	4	4
Max die width (mm)	150	200	250	250	300
Max heads inclination (deg)	±0-9°	±10°	±10°	±13°	±13°
Spindle diameter (mm)	54	69.85	80	80	100/120
Spindle speed min/max (rpm)	35/100	30/90	15/60	15/60	15/60
Main motor power (kW)	10	18,5	25	30	55
Weight (kg)	1800	3500	5000	10000	11000
Minimum die diameter (mm)	150	150	160	170	230
Maximum die diameter (mm)	190	200	250	235	350

### Advantages

1. Better finishing of the workpieces
2. Easier loading/unloading system, especially for long workpieces.

### 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.

## ORT Italia S.p.A.

Via Canevari, 61 - 26018 Trigolo (CR) - Italy  
tel. +39 0374 370168 - fax +39 0374 370338  
info@ortitalia.com - www.ortitalia.com

US Distributor:  
I-TECH International Corp.  
231 West Parkway  
Pompton Plains, NJ 07444  
973 248 0099  
info@itechcorp.us - www.itechcorp.us