



# Rolling machines

## Product range

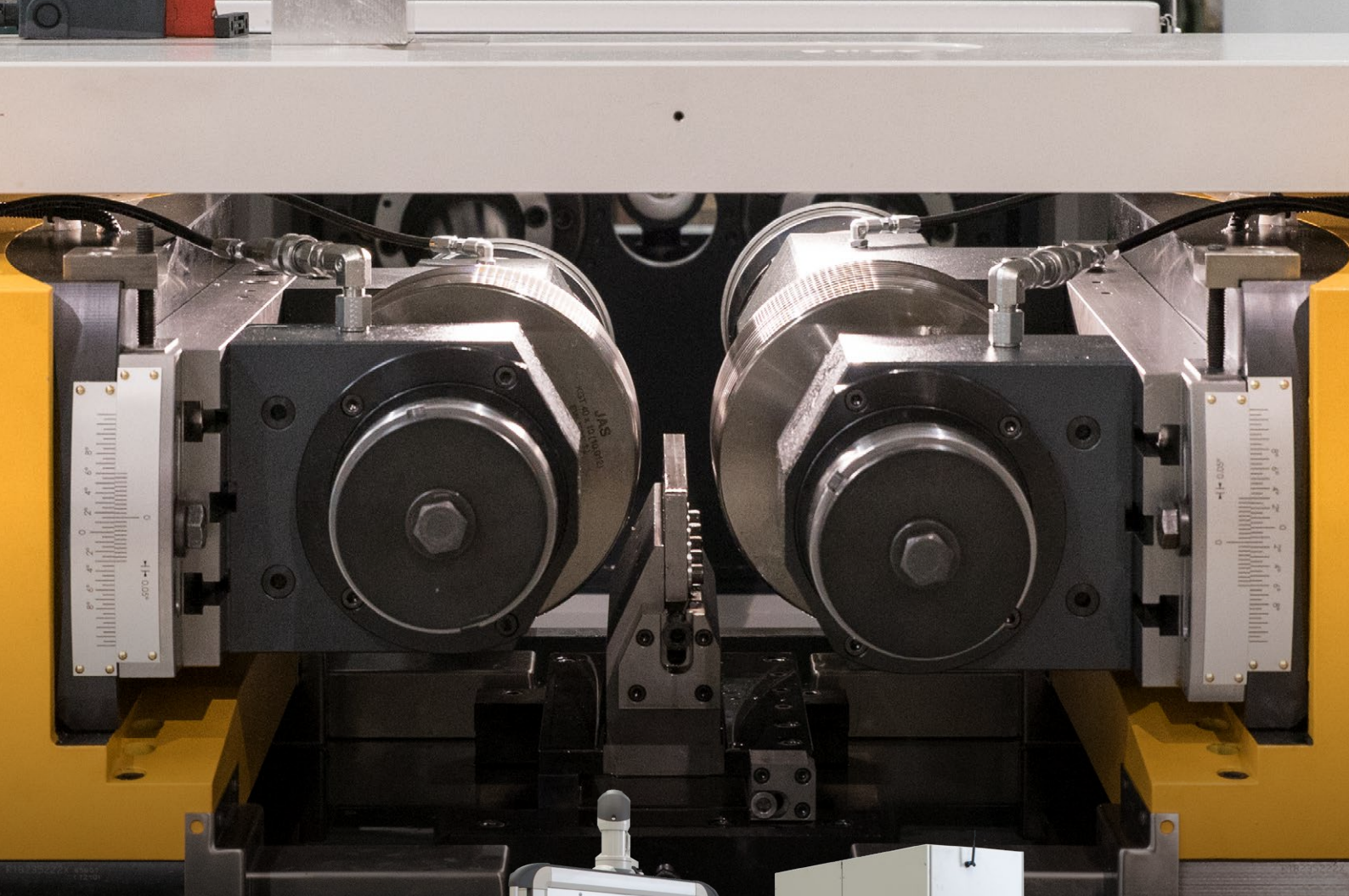
Regg Rolling is a designer of  
high precision two and three dies spline  
and thread rolling machines.

 **Regg Rolling**

HIGH PRECISION ROLLING MACHINES

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Two  
dies

Rolling  
machine

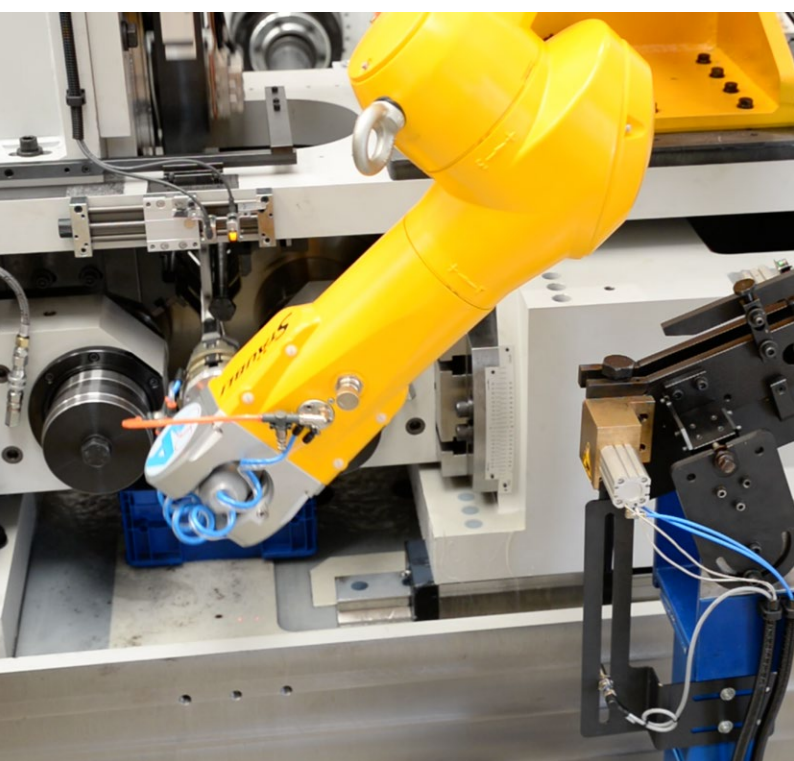


HIGH PRECISION ROLLING MACHINES

| One Slide                      |    | R40HD    | R125HD   | R180HD   | R300HD   | R500HD   | R750HD   | R1000HD  |
|--------------------------------|----|----------|----------|----------|----------|----------|----------|----------|
| Max. pressure applied          | kN | 40       | 125      | 180      | 300      | 500      | 750      | 1000     |
| Min. Rolling Diameter          | mm | 3        | 5        | 5        | 5        | 5        | 10       | 20       |
| Max. Rolling Diameter          | mm | 40       | 50       | 70       | 90       | 120      | 150      | 160      |
| Max. Infeed Rolling Length     | mm | 100      | 120      | 180      | 210      | 250      | 280      | 300      |
| Max. Thrufeed Rolling Length   | mm | Infinite | Infinite | Infinite | Infinite | Infinite | Infinite | Infinite |
| Main Motor Power               | kW | 2x2,98   | 2x5,22   | 2 x7,46  | 2x10,44  | 2x14,91  | 2x20,13  | 2x25,36  |
| Spindles Diameter              | mm | 40/54    | 54       | 69,85    | 69,85    | 80       | 80/100   | 80/100   |
| Min. Rolling Dies Diameter     | mm | 80       | 95       | 160      | 160      | 160      | 200      | 200      |
| Max. Rolling Dies Diameter     | mm | 180      | 190      | 235      | 235      | 260      | 280      | 320      |
| Net Weight                     | kg | 2000     | 2500     | 3500     | 4500     | 5000     | 7500     | 12500    |
| Overall Dimensions (W x L x H) | mm | 1100     | 1400     | 1670     | 2000     | 2450     | 2450     | 2600     |
|                                |    | 1100     | 1450     | 1960     | 2400     | 2400     | 1970     | 3000     |
|                                |    | 2000     | 2000     | 2000     | 2000     | 2000     | 2000     | 2000     |

| Two Slides                     |    | 2R125HD  | 2R180HD  | 2R300HD  | 2R500HD  | 2R750HD  | 2R1000HD |
|--------------------------------|----|----------|----------|----------|----------|----------|----------|
| Max. pressure applied          | kN | 125      | 180      | 300      | 500      | 750      | 1000     |
| Min. Rolling Diameter          | mm | 2        | 3        | 3        | 5        | 10       | 10       |
| Max. Rolling Diameter          | mm | 40       | 50       | 70       | 90       | 130      | 160      |
| Max. Infeed Rolling Length     | mm | 120      | 180      | 210      | 250      | 280      | 300      |
| Max. Thrufeed Rolling Length   | mm | Infinite | Infinite | Infinite | Infinite | Infinite | Infinite |
| Main Motor Power               | kW | 2x2,98   | 2 x7,46  | 2x10,44  | 2x14,91  | 2x20,13  | 2x25,36  |
| Spindles Diameter              | mm | 40/54    | 69,85    | 69,85    | 80       | 100      | 120      |
| Min. Rolling Dies Diameter     | mm | 80       | 160      | 160      | 160      | 200      | 200      |
| Max. Rolling Dies Diameter     | mm | 180      | 235      | 235      | 260      | 280      | 300      |
| Net Weight                     | kg | 2500     | 3900     | 4900     | 6950     | 8500     | 10500    |
| Overall Dimensions (W x L x H) | mm | 1750     | 2200     | 2300     | 2650     | 3050     | 3150     |
|                                |    | 1000     | 2300     | 2400     | 2400     | 2300     | 3000     |
|                                |    | 2000     | 2000     | 2000     | 2000     | 2000     | 2000     |

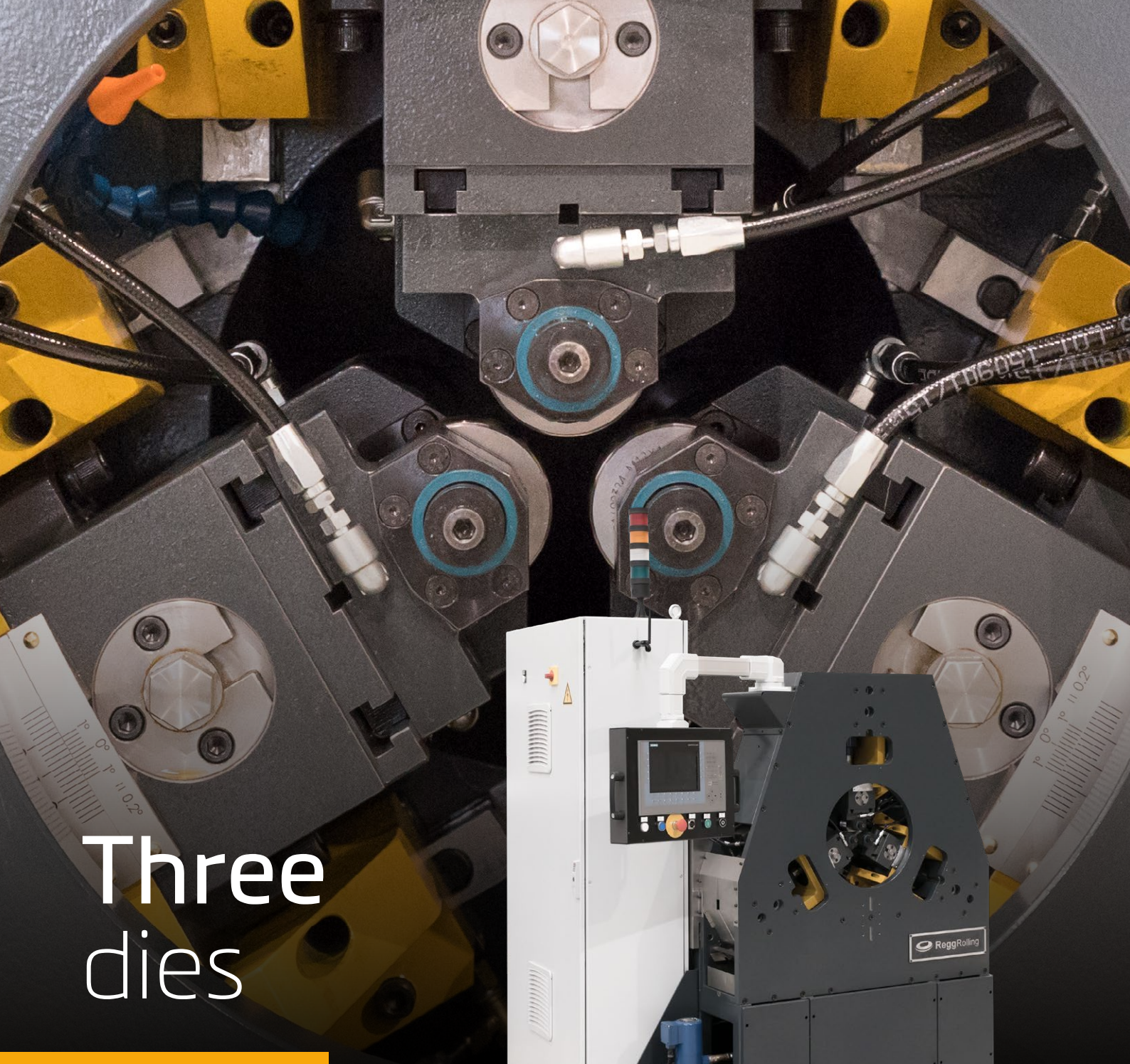
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## Features and benefits

- All mechanical components have been designed with F.E.M. analysis to obtain the most rigid structure for less die wearing.
- Direct Drive and zero backlash gear reducers on the two spindles for perfect die matching and quick set-up.
- All new Hydraulic system for fast speed up to 5 times the traditional thread rolling machines speed.
- Siemens PLC-S7-300 controlled for easy maintenance and automation.
- User friendly Man Machine interface with proprietary Software.
- Dimensional control station for extended die life and 100% piece inspection (optional).





# Three dies

Rolling  
machine

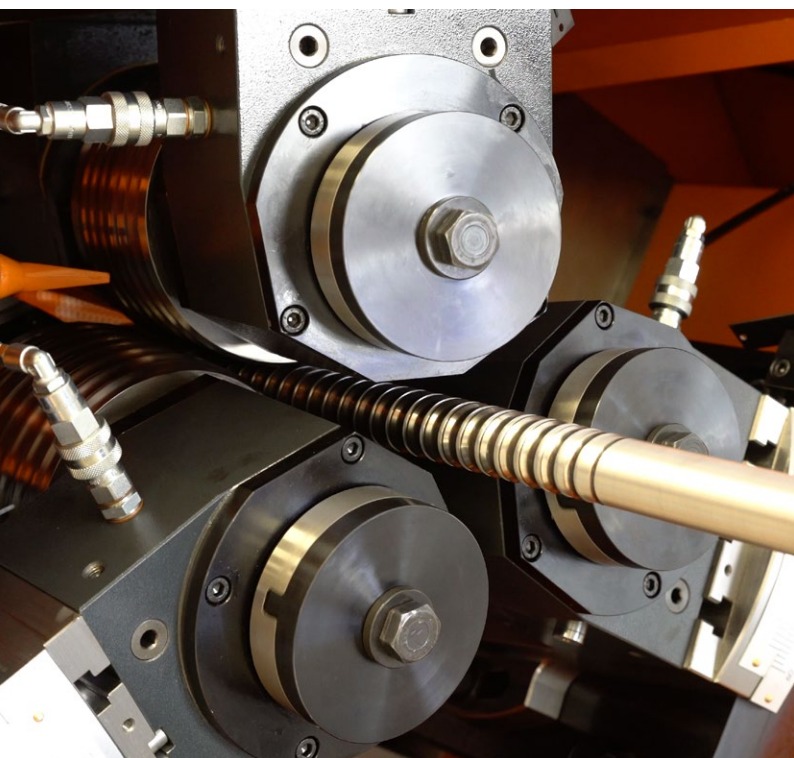


HIGH PRECISION ROLLING MACHINES



| Three Slides                   |    | 3R40HD   | 3R125HD  | 3R180HD  | 3R300HD  | 3R500HD  | 3R750HD  |
|--------------------------------|----|----------|----------|----------|----------|----------|----------|
| Max. pressure applied          | kN | 40       | 125      | 180      | 300      | 500      | 750      |
| Min. Rolling Diameter          | mm | 6        | 10       | 17       | 32       | 32       | 40       |
| Max. Rolling Diameter          | mm | 8        | 20       | 40       | 60       | 80       | 110      |
| Max. Infeed Rolling Length     | mm | 40       | 60       | 90       | 120      | 170      | 230      |
| Max. Thrufeed Rolling Length   | mm | Infinite | Infinite | Infinite | Infinite | Infinite | Infinite |
| Main Motor Power               | kW | 3x3,73   | 3x3,73   | 3x5,22   | 3x7,46   | 3x11,93  | 3x14,91  |
| Spindles Diameter              | mm | 22/25    | 40       | 54       | 69,85    | 80       | 80/100   |
| Min. Rolling Dies Diameter     | mm | 40       | 50       | 100      | 120      | 150      | 160      |
| Max. Rolling Dies Diameter     | mm | 75       | 80       | 170      | 210      | 220      | 230      |
| Net Weight                     | kg | 2000     | 2500     | 5500     | 7500     | 16000    | 16000    |
| Overall Dimensions (W x L x H) | mm | 1500     | 1750     | 1800     | 2200     | 2800     | 3100     |
|                                |    | 1500     | 1500     | 2100     | 2400     | 2800     | 2800     |
|                                |    | 2000     | 2000     | 2010     | 2250     | 2850     | 2850     |

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## Features and benefits

- All mechanical components have been designed with F.E.M. analysis to obtain the most rigid structure for less die wearing.
- Direct Drive and zero backlash gear reducers on the three spindles for perfect die matching and quick set-up.
- All new Hydraulic system for fast speed up to 5 times the traditional thread rolling machines speed.
- Siemens PLC-S7-300 controlled for easy maintenance and automation.
- User friendly Man Machine interface with proprietary Software.
- Dimensional control station for extended die life and 100% piece inspection (optional).



# PDQ Line

Rolling  
machine

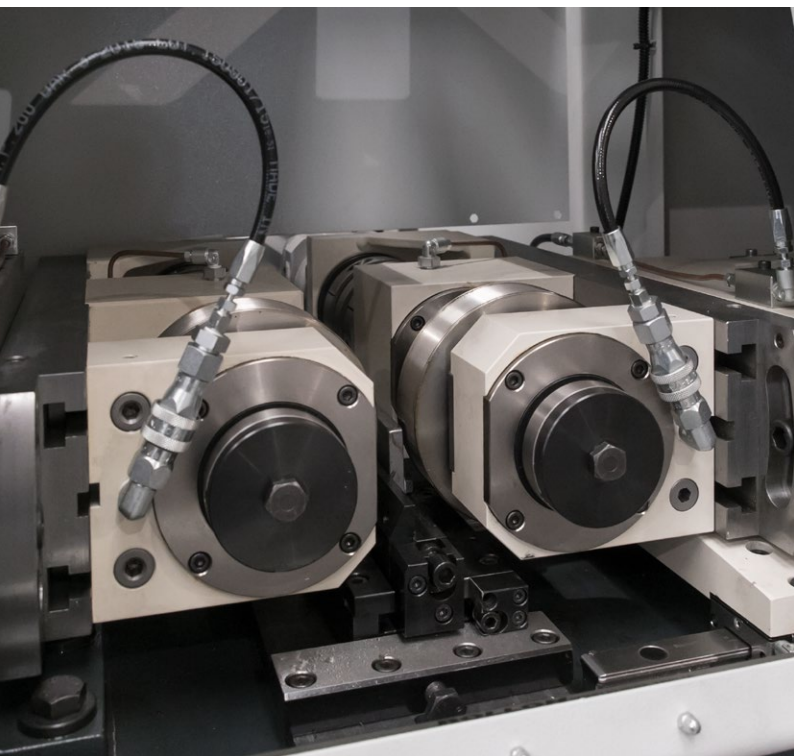


HIGH PRECISION ROLLING MACHINES



# The fastest

## ROLLING MACHINE IN ITS CATEGORY



### Features and benefits

- A new loading system for a production speed up to 60 pieces per minute.
- All mechanical components have been designed with F.E.M. analysis to obtain the most rigid structure for less die wearing.
- Direct Drive and zero backlash gear reducers on the two spindles for perfect die matching and quick set-up.
- Siemens PLC-S7-300 controlled for easy maintenance and automation.
- User-friendly machine maintenance, all components can be easily replaced.





## High fin tube machine



## Low fin tube machine



## Corrugated tube machine

## Features and benefits

- Copper, aluminum and stainless steel tubes.
- All mechanical components have been designed with F.E.M. analysis to obtain the most rigid structure for less die wearing.
- Direct Drive and zero backlash gear reducers on the spindles for perfect die matching and quick set-up.
- All new Hydraulic system for fast speed up to 5 times the traditional thread rolling machines speed.
- Siemens PLC-S7-300 controlled for easy maintenance and automation.
- User friendly Man Machine interface with proprietary Software.



HIGH PRECISION ROLLING MACHINES

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