

## RER series

### DOIMAK External Thread Grinding Machines



*The Leading European Builder of High Precision Thread Grinding Machines*



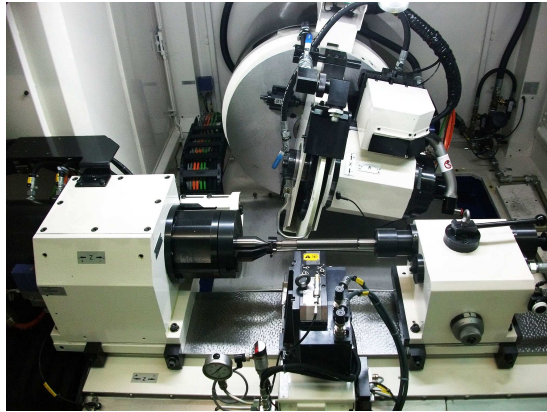


## Technologies

Wide variety of design criteria depending on:

### Slide architecture depending on part length

- Moving table within  $L \leq 3000$  mm

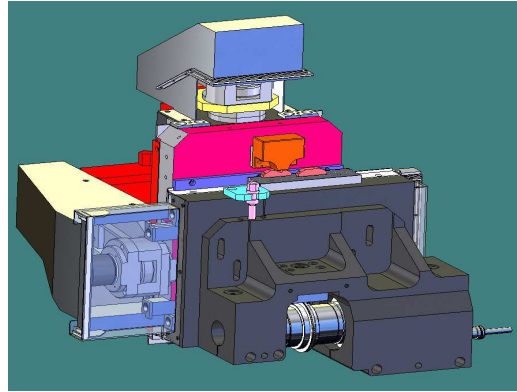


- Moving-head cross slide configuration.  
 $L > 3000$  mm RER-SP Model

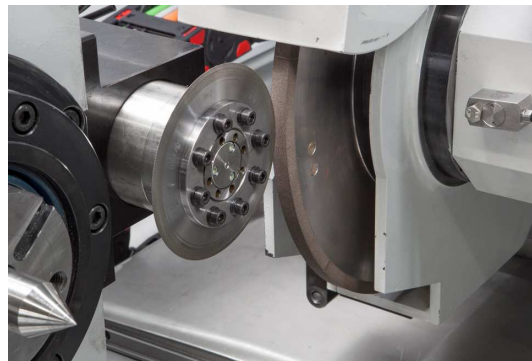


### Type of dressing device

- 2 Linear axis dressing unit in the upper part of the wheelhead (X1/Z1)



- Mounted on the workhead (X&Z interpolation)

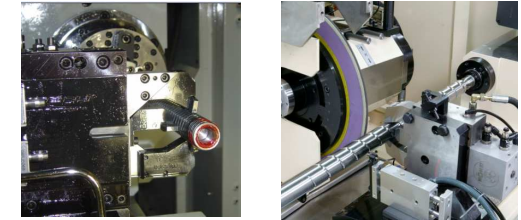


### Type of steady rests

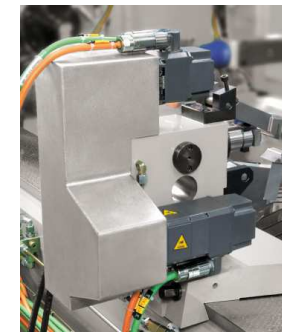
- Manual 3 Point steady rests



- Self centering high precision hydraulic rest



- 2 Axis CNC Steady rests







## MACHINE FAMILIES

### RER 500 SL -Light Series-



### RER 1000 / 1500 / 2000 / 3000



### RER SP 4000 / 5000 / 6000



## TECHNICAL DATA

	RER 500 SL	RER 1000 / 2000 / 3000	RER SP 4000 / 5000 / 6000
<b>Length between centers</b>	750 mm	1100...3100 mm	4100 mm ... 6200 mm
<b>Height of centers</b>	150 mm	200 mm	270 mm
<b>Part diameter</b>	300 mm	350 mm	390 mm
<b>Grinding spindle</b>	11 kW	24 to 54 KW	24 to 54 kW
<b>Wheel diameter</b>	350 mm	500 mm	500 mm
<b>Helix axis</b>	-90 to +50°	±50 °	±50 °
<b>Part max. weight</b>	100 kg	150 ... 500* kg	1000*...1500* Kg
<b>Machine weight</b>	5500 kg	9000 / 12000 / 16000 kg	21000 / 23500 / 26000 kg

\*Weight supported with steady rests

