



## CNC Roll Grinding Machines

# REX SERIES

### TECHNICAL SPECIFICATIONS

		REX 400	REX 600
Max. workpiece diameter	mm in	450 17.7	650 25.6
Distance between centres (standard)	mm in	2000 78.7	2000 78.7
Max. workpiece weight (on steady rests)	kg lb	3000 6600	5000 11,000
Workpiece speed	rpm	5-200	2-120
Wheel size	mm in	750x304.8x100 29.5x12x3.9	750x304.8x100 29.5x12x3.9
Wheel motor power	kW HP	40 53.6	40 53.6
Workpiece motor power	kW HP	12 16	16 21.5
Max. peripheral speed	m/s ft/min	45 8858	45 8858
X-axis travel	mm in	300 11.8	400 15.7
Z-axis travel (standard)	mm in	2000 78.7	2000 78.7
Feeds	X (continuous)	mm/min in/min	0.01-0.5 0.0004-0.02
	X (intermittent)	mm in	0.001 0.00004
	Z	mm/min	20-5000
		in/min	0.8-197
Rapid feed	X (continuous)	mm/min in/min	20-400 0.8-15.7

### STANDARD FEATURES

- For straight, convex, concave and CVC profile rolls machining
- Cast iron rigid construction, high precision and efficiency
- Rack-pinion drive for Z-axis, with backlash feed mechanism
- Ball screw for X-axis travel
- Dynamic wheel balancing
- HEIDENHAIN measuring system
- Hydrostatic wheel spindle
- Centralized lubrication system
- SIEMENS AC servo motors, PLC and electrics
- SIEMENS SINUMERIK 840D sl
- Centralized control panel
- Telescopic steel covers for longitudinal bed guideways

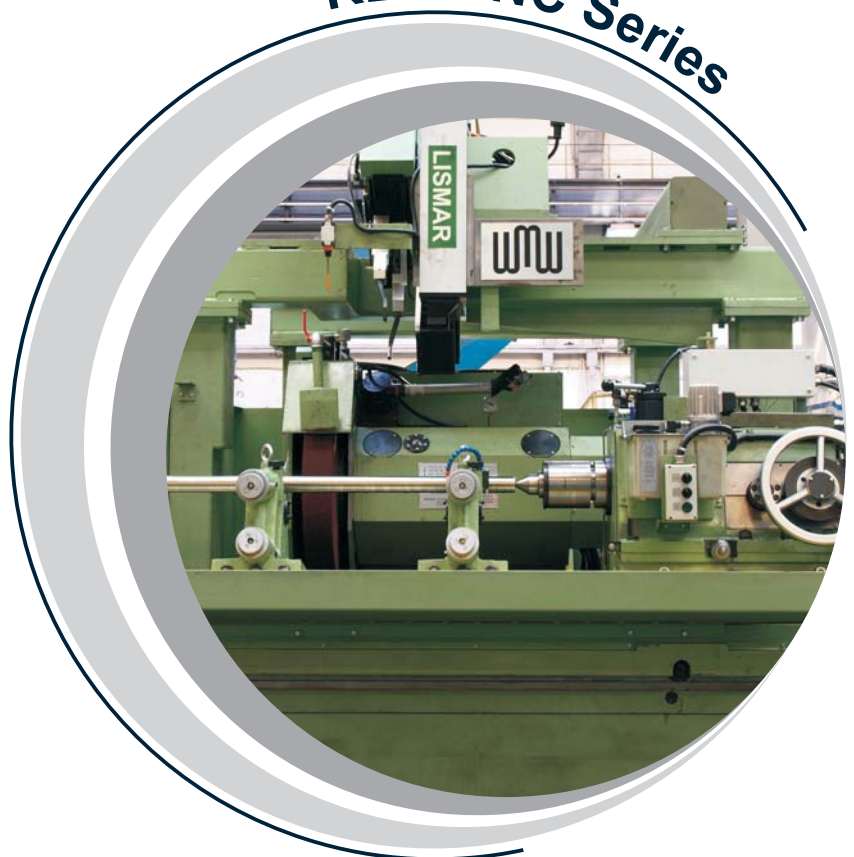
### TRAVELS

- X-axis - grinding head
- Z-axis - table

### STANDARD ACCESSORIES

- Grinding wheel
- Wheel flange
- Static wheel balancing device
- Wheel dressing device
- Steady rests
- Coolant system with magnetic and paper filtration
- Splash guards

## REX CNC Series



### VERSIONS

- Extended table travels - 2500/3000/3500/4000 mm (98.4/118/138/157.5 in)
- Choice of motors, hydraulic components, CNC controls

### OPTIONAL EQUIPMENT \*

- Set of workpiece centres (60°, 70°, 90°)
- Dressing device for centering noses
- Turning device
- Steady rests
- Roll measuring system
- Roll Eddy Current and Ultrasonic testing system
- Jib crane