

Simplex Rapid

A TRADITION OF QUALITY



GX

HIGH SPEED COILERS FOR THE PRODUCTION OF OIL SEAL RING SPRINGS

High-speed coiler for the production of oil seal ring springs only RH , equipped with the latest generation Numerical Control for the direct control of 4 axes with one micron resolution

Performances: lower mechanical inertia, less parts subject to wear and play, direct commands to all tools, hardware and software with superior performance.

Reliability: maximum simplification, significant reduction in the number of mechanical parts, improved maintenance and easy to use, greater protection of electronic components.

Quality: unique design, rational and sophisticated, materials and craftsmanship of the highest quality, best commercial components of the market, extreme attention to detail.

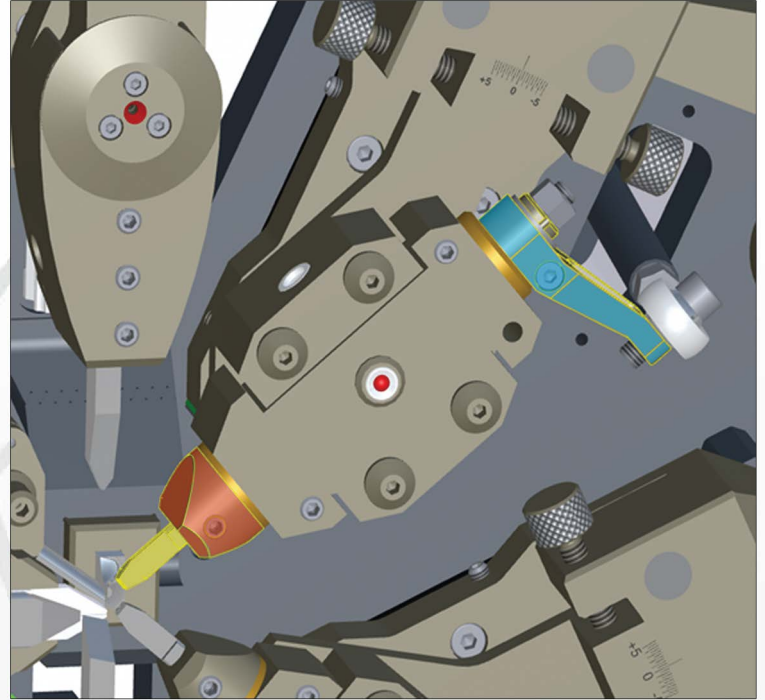
Cost Efficiency: lower purchase and maintenance costs, increased productivity, reduced footprint, optimized power consumption.

Standard accessories

- 4 axes : wire feed, diameter, retracting mandrel, cutter
- Spring V-guide with pneumatic opening for springs with 200-mm max. length, complete with electronic sensor for length detection sliding on linear guide and micrometric adjustment on all axes and planes for a quick and precise positioning
- Touch screen display
- Electronic hand-wheel for all axes manual control
- Wire feed unit with 4 feed rollers
- Single piece cutter-mandrel unit
 - Electronically controlled feed roller pressure
- Automatic lubrication pump (inside of the machine)
- Magnifying lamp
- I/O module for additional custom function programming
- Programmable auto shut-off (energy saving)
- Electric cabinet with air conditioner
- UPS unit with battery

Accessories on request

- Axes for spring initial tension control (international patent)
- Vertical pitch tool device
- Horizontal pitch tool device
- Spring V-guide for springs with 350 - 650 - 950 mm max. length
- Double action wire cleaning device complete with micro lubrication programmable pump
- Leica stereoscopic magnifier (40x) complete with quick positioning system



	GX 5	GX 10
Wire diameter	0.10 – 0.60	0.15 – 0.90
External spring diameter (mm)	10	10
Wire feed speed (m/min)	150	200
Electric power (kW)	6	6
Dimensions (LxWxH mm)	640 x 1.150 x 2.000	640 x 1.150 x 2.000
Net weight (kg)	700	750

