

DATRON D5 LS – Precise wet and dry milling with 8-puck automation and Heidenhain linear scales $\pm 5\mu$ accuracy and extreme thermal stability

D5 LS Milling System Includes:

- Heidenhain linear/rotary positional measurement system on all axes for $\pm 5\mu$ absolute positional accuracy
- Rotary axis for 5-axis simultaneous and 3+2 machining
- 1.8kW, 48,000 RPM, water-cooled Jäger spindle
- Chiller system for spindle and drives
- User-friendly touch-screen controller
- DATRON dental control application for managing jobs, tools and materials
- 15-station tool changer with automatic length setter and tool break sensor
- Spray-mist coolant system for milling metals (i.e. Ti and CoCr)
- 8-blank automation system with 8 blank holders for clamping material pucks
- D5 ruggedized in-cabin camera system for live motering of milling
- Text alerts to cell phone(s) showing job/machine status

Optional D5 Support Package:

- 15 Shunk Tribos HSK-E 25 tool holders
- Shunk Tribos tool holder clamping fixture
- 5 Gallons of DATRON approved coolant for use with Ti and CrCo
- Shipping and handling: ocean freight, ground transportation, customs clearance, and insurance included
- 2-days of onsite setup and user training (excluding travel expenses)

Optional Equipment:

- Ryvac industrial dust extraction system (for zirconia milling)
- Tool set for titanium and chrome cobalt milling
- Tool set for titanium and chrome cobalt crown and bridge milling
- Tool set for zirconia crown and bridge milling
- GoPro camera kit for high definition live view



Equipped with Heidenhain linear and rotary scales, the DATRON D5 LS provides an industry-leading accuracy of $\pm 5\mu\text{m}$ and $2\mu\text{m}$ repeatability. This meets the highest demands for precision, making the D5 LS ideally suited for milling titanium and chrome cobalt parts.

