

**RPM****REPORTING** □ **PROBING** □ **MONITORING**  
□ trends in the machining industry □

RPM is a monthly, one-page, PDF newsletter published by DATRON Dynamics, Inc. to cover trends in the high-speed micro-tooling industry.

**SPECIAL ISSUE:****Maintenance & Training for Datron Machines****Maintenance Class.**

We now offer a one-day class to teach customers how to perform regular preventative maintenance and replace parts like motors, probes, and drive electronics. At \$650 (or \$350 less than a single one-day service visit), this knowledge can save you a bundle over time. Plus, you'll take home our "Guide to Datron Maintenance" to use as a refresher down the road or to pass your knowledge along to other operators. So, call today to Get Schooled! For those slackers that decide to cut class, we offer the "Guide to Datron Maintenance" (our version of Cliff Notes) for \$49.95.

Another Tip: To protect your Datron high-frequency spindle you must feed it clean air. We recommend the installation of an electric air dryer with a moisture trap. Clean air is the user's responsibility!

**Get An Overhaul.**

If your Datron machine is 6 or more years old, it may be time for an overhaul. This proactive, preventative measure includes the replacement of all cabling and key components that show signs of excessive wear. If your machine currently has the old-style electrical probe we can make arrangements for an upgrade to the pneumatic Z-Probe. This overhaul requires a window of opportunity since it is performed in Germany. Call for an estimate today.

**DATRON** Dynamics is a distributor for DATRON Electronics  
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**Scheduled Spindle Swap Saves Big Bucks ...  
The Best Defense is a Good Offense.**

Did you know that your Datron machine has an Odometer?

That's right, you can keep track of the mileage being put on your high-frequency machining spindle. In fact, we recommend that you check the spindle counter and record the readings weekly. We also recommend that you proactively swap the machining spindle every 2,000

hours or 1 year (whichever comes first). After all, a "the best defense is a good offense" and exchanging the spindle before it starts sounding like a cat in a meat grinder will save you big bucks. Consider it a consumable, that you can plan and budget for, while taking advantage of the best (and cheapest) spindle replacement policy in the industry. For example, if you swap a 600W spindle as a preventative measure, based on machining hours rather than signs of wear, we'll send a replacement spindle for \$2,600. This covers bearing replacement and the balancing of the spindle you return. But, if you wait until the bearings start to disintegrate, chances are, the ball cage will be impacted and as it rattles around inside the spindle it causes damage to more expensive parts and you could be on the line for the cost of a new spindle — \$11,460.

**Look at the Big Brain on Young Skywalker. See,  
Luke Attended Datron ADVANCED Training.**

At Datron, we pride ourselves on the high-caliber training that we provide at the time of installation. But, we also know that there are skills and tips that we've gained through years of experience that couldn't possibly be crammed into an operator's head until he's run a few laps around the track. But, once the operator gets past the initial learning curve and the machine is chugging away on the project for which it was purchased, it's time for us to make him a Datron Jedi Master. We've found that operators who have some experience under their belt ask better questions and are more receptive to advanced techniques that will optimize your operation and open new doors in terms of capability. So, schedule your advanced training today and fire up your light sabre.

You know, like nunchuck skills, bowhunting skills, computer hacking skills ... Girls only want boyfriends who have great skills. - Napoleon Dynamite