



## **RBR MACHINE TOOLS**

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# **CncGcoder® HD Pro Shop Floor System**

RBR Machine Tools is introducing the CncGcoder® HD Pro shop floor tablet PC. The CncGcoder® Pro combines all of the productive features you expect from our CncGcoder® HD line combined with the ultra rugged Trimble® Kenai tablet computer. This unit meets IP68 specifications with an up-to date Microsoft® Windows® 10 Professional operating system and a large 10.1" Gorilla® glass HD display touch screen, 1.46GHz dual-core Intel® Atom™ E3826 processor, 8 GB RAM, 256 GB SSD, 8MP camera with LED flash (supports video), and hot swappable battery. File Storage and Transfer support include USB drive support, WiFi, and Bluetooth Wireless. The CncGcoder® HD Pro Model's serial cable is made using extreme duty durable industrial wire for reliable connections even after millions of bends and flexes.



Designed for machine tool setup, maintenance, and programming personnel, the CncGcoder® Pro is a handheld tool for backing-up, editing, and transferring CNC machine tool G-Code programs. CncGcoder® HD Pro features an easy-to-use, PC compatible file system that allows users to store and organize G-Code programs in unlimited directories. In addition to the large 256 Gigabyte internal flash storage, the USB, WiFi, and Bluetooth support offer limitless memory capabilities and enables the user to directly transfer the files between the CncGcoder® and any PC or Network.

The CncGcoder® HD Pro handheld exceeds IP68 specs and is liquid, dust, and shock-resistant and is designed to withstand a four-foot drop without damage. The extreme duty CNC serial cable uses an abrasion resistant industrial high-flex cable and thumb-screw connectors. A 10-point multi-touch capacitive touchscreen allows quick program edits using fingers or the capacitive stylus. The removable high capacity rechargeable battery enables hours of continuous use between charges.

The complete package includes the rugged tablet PC with the CncGcoder® software preinstalled, the extreme duty RS-232 serial cable, standard battery pack (49 Whr/5 hours\*), international AC charger, capacitive stylus and tether, screen protector with cleaning cloth, and is backed by a full factory warranty. Current CncGcoder® users can easily migrate their G-code data and machine settings to the new CncGcoder® HD Pro tablet PC.

### **Use as a Productivity Tool**

From the smallest job shops to the largest production lines, the CncGcoder® HD Pro is a useful tool for any size machine shop. The newest Windows 10 Professional OS allows you to manage all of your shop floor data including: G-Code files, Process Sheets, Part Prints, Setup Instructions, Machine Manuals, SPC Data, Tooling Lists, and Fixture Photos. Even run complex CAD/CAM software right on the shop floor. Save time and money by reducing your downtime and increasing your productivity. You can spend more time using your machines than programming them.

**More info online at [www.CncGcoder.com](http://www.CncGcoder.com)**

**CncGcoder® HD Pro**

### **Use to Store and Transfer G-Code Programs**

Never need to worry about available memory on your CNC again. Store your G-Code programs on your PC and then use your CncGcoder® HD Pro to transfer the programs to your CNC when needed. (up to 1 MB per transfer is supported). By displaying the program on the unit's screen, you can be sure it is the correct the first time. No time is wasted running to and from the computer to check what is being transferred. You can just walk up to the machine and start communications. Use the CncGcoder® to backup your CNC's memory and parameters so you are able to reload the CNC when it is running again. Reduce downtime when your DNC network goes down. While you are waiting for the network to be repaired, use the CncGcoder® to transfer program to your machine and keep it cutting.

### **Use to Edit and Manage G-Code Programs**

No need to run back to your computer to make simple program changes. You can use the CncGcoder® to make quick program edits right in front of your CNC. It's easy to change speeds, feeds, or even program numbers on the shop floor. You can make your changes and send the new program to the CNC in seconds. Never have difficulty finding the right program again. File management has been simplified with the CncGcoder®. The G-Code programs can be saved with descriptive names as PC formatted files. These files can then be organized into any number of folders or directories. The unit also supports SD flash cards and USB flash/thumb drives for limitless memory capabilities.

### **Shop Hardened**

The shop hardened CncGcoder® was designed with your shop floor in mind. The unit is liquid resistant, dust resistant, and shock resistant. The CncGcoder® HD Pro comes with a extreme duty serial cable that connects the unit to the RS-232 serial port on your CNC. The cable screws into the CncGcoder® HD Pro and into the CNC's port for a secure, reliable connection.

### **CncGcoder HD Pro Specs**

*Rugged Tablet Computer:* Trimble® Kenai Model KEN89

*Operating System:* Microsoft® Windows® 10 Professional

*Memory:* 8 GB SDRAM, 256 GB SSD Flash Storage

*Processor:* Intel® BayTrail-I Atom E3826 1.46GHz dual-core processor

*Display:* 10.1" full color: WUXGA [1920 x1200]; 1,000 NITS

*Audio:* 3.5 mm audio jack and integrated microphone and speaker

*Touch Screen:* 10-point multi-touch capacitive touchscreen

*Battery:* Hot swappable battery *Capacity:* 10.8V 4.5mAh, 49 Whr -5 hours life (active use)

*Length* 11.7 in. (298 mm), *Width:* 8.1 in. (206 mm), *Thickness:* 1.7 in. (43 mm) *Weight:* 3.5 Lbs

*Sensors:* Gyro, accelerometer, e-compass, ambient light sensor

*Wireless Support:* Wi-Fi 802.11 a/b/g/n, Bluetooth 4.0, L1 GPS, GLONASS and BeiDou with SBAS

*Camera:* 8MP camera with LED flash; supports video

*Comms:* RS-232 W/ Extreme duty DB25 cable, 2 USB 2.0 Jacks

*Sealing (meets IP68 Specs):* Dust Resistant, Liquid Resistant, Drop Resistant

### **CncGcoder® Software Specs**

*Max Number of CNC Machine Setups:* 1,000 machines tested

*CNC Program Editor:* 30,000 characters maximum length.

*CNC Program Transfer Size:* up to 1MB per transfer (limit tested and fully supported)

*CNC Baud Rates Supported:* 300, 600, 1200, 2400, 4800, 9600, 19200

*CNC Data Formats Supported:* ISO, ASCII

### **Complete CncGcoder HD Pro Package**

**\$3995.00 Introductory Pricing Available Now!**

**2 Year Hardware Warranty and Free Lifetime  
Technical Support on all CncGcoder Products**

**Call RBR Machine Tools at 630-971-8729  
for Ordering Information.**

