

JobMaster CNC Routers

Specifications - Power Requirements

BenchRouter 1000	110V or 220V (Machine only)
ProRouter with Porter Cable:	110V, 20A (Machine only)
ProRouter with Spindle:	220V, 15A (Machine only)
Computer:	110V system on a dedicated circuit

Express CNC Router Curriculum

Intelitek's Express Curriculum is a direct, project driven course that enables students to bring objects they create to life quickly and motivates them to complete other projects. Students will learn terminology related to CNC as well as how to setup the router using Mach3™ control software. This is followed up by five projects using Vectric VCarve Pro to produce amazing results.

Course Outline

- Getting Started with Routers
- Basic Terminology
- Axis of Travel
- Securing the Work Piece
- Installing a Tool
- Spoil board
- Dust Collection
- Mach3 Layout
- Homing the Router
- Jogging the Router
- Setting Part Zero
- G-Code Editing
- Cutting a Sample Part
- Introduction to Vectric VCarve Pro
- Making a Gear Clock Drawing
- Importing Pictures
- Importing a Drawing DXF/DWG/SVG
- 3D Dinosaur Project

Software Included Features:

- 2D Design & Layout Tools
- Layer control, lines, snap grid
- True Shape Nesting, Test editing
- File import DWG, DXF, EPS, AI, PDF
- Image file import: BMP, JPG, TIF, GIF
- 2-D Profiling with interactive tabs/bridges
- Lead and ramp options
- Program pierce height/cut height
- Automatic cutting sequence
- Visual G-Code display/Real-time display
- Error message display

PC Controller

Windows-7 PC with Software pre-installed including:

- 19 inch Flat Screen Monitor
- Keyboard and Laser Mouse
- AMDA 6 – 3.9 GHz
- 8 Gigabytes DDR3 Memory
- 120 Gig solid state Hard Drive
- 4 USB 2.0 Ports, 2 USB 3.0 Ports
- Video output- VGA, DVI, and HDMI
- Windows 7 Operating System
- All fully interfaced and tested with Customer's Machine

Models/Specifications

Models:	BenchRouter 1000	ProRouter 2x00
Position Speeds (X,Y,Z):	350 IPM	800, 800, 600 IPM
Step Resolution:	.0005" (0.01mm)	.0005" (0.01mm)
Positioning Accuracy:	(+/-) .002" (0.05mm)	(+/-) .002" (0.05mm)
Cutting Accuracy:	(+/-) .005" (0.13mm)	(+/-) .005" (0.13mm)
Axis Drive System (X,Y):		Rack & Pinion
Axis Drive System (Z):		Rack & Pinion
Maximum Tools:	800W Spindle	Porter Cable or Spindle
Gantry Clearance:	Up to 4" (101mm)	Up to 6" (152mm)
Sizes Available:	24" x 16" (60cm x 40cm)	30" x 30" (76cm x 76cm) 4' x 4' (1.2m x 1.2m) 4' x 8' (1.2m x 2.4m) 5'x10' (1.5m x 3m)

Ordering Information

BenchRouter 1000 Bundles

Each BenchRouter 1000 Starter Bundle includes a router with a 24"x16" MDF cutting area, 800W high speed spindle, USB connection, Mach3 Control Software, Shop Vacuum & Dust Foot, Starter Bit Kit, 1 license of VCarve Pro (40 Seats for education), 2 pieces of 24" x 16" MDF and 8 hours of "Getting Started" Curriculum with G-code Projects.

BenchRouter 1000 Starter Bundle 110V	CNC-1000-STND
BenchRouter 1000 Starter Bundle 220V	CNC-1000-STND-2
BenchRouter 1000 Shield	10-1200-1000

ProRouter Bundles:

Each ProRouter Starter Bundle includes a 110V, 3.25HP Porter Cable Router, and each ProRouter Advanced Bundle includes a 220V, 3kw HSP Spindle. All bundles include: a Desktop PC with Windows 7 Professional, 19" Monitor, Mach3 Control Software, 7pc Starter Bit Kit, 220V 2Hp 30 Micron Dust Collector & Dust Foot, MTC Z Setter, 1 license of VCarve Pro (40 Seats for education), 2 pieces of MDF, and 8 hours of "Getting Started Curriculum" including G-code Projects. **REQUIRES LMS ADD-On.**

ProRouter 2000 Starter Bundle, 110V (4'x4')	CNC-2000-STND
ProRouter 2000 Advanced Bundle, 220V (4' x 4')	CNC-2000-STND-2
ProRouter 2100 Starter Bundle, 110V (4' x 8')	CNC-2100-STND
ProRouter 2100 Advanced Bundle, 220V (4'x8')	CNC-2100-STND-2

CNC ProRouters:

Each ProRouter machine includes a 110V, 3.25HP Porter Cable Router, a Desktop PC with Windows 7 Professional, 19" Monitor, USB Keyboard/Optical Mouse, Ethernet Connection, Mach3 Control Software, 7pc Starter Bit Kit, Dust Foot, MTC Z Setter, and 1 license of VCarve Pro (40 Seats for education)

ProRouter (30" x 30")	00-6118-0000
ProRouter (4'x4')	00-2044-0220
ProRouter (4'x8')	00-2048-0220
ProRouter (5'x10')	00-6116-0000

CNC Curriculum and LearnMate 7 Hosting:

LM7 Content, Lab, Intro to CNC Routers VCarve Pro	77-8160-0001
LM7 Hosting 1st Year for 1 school, 100 users	77-1201-0000

ProRouter Optional Upgrades and Accessories:

A range of additional component upgrades and accessories are available (Spindles, vacuum beds, vacuum pumps, router bit kits, etc.). Please contact your local sales rep for details.

Contact Us:



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