

Why Choose a **VELOX CNC** Router? VR8, VR10

USA Quality Made

- **Engineering.** VELOX CNC machines are engineered in the USA. We design, manufacture, fully assemble, and test all of our machines before they leave our facility in Orange, California.
- **Industrial Grade.** All of our machines are well known for being extremely robust, and rigid in structure. We pride ourselves on manufacturing the best industrial grade machine available at each price point. It's common to be overly impressed upon receiving your machine order.
- **Quality Control.** Each machine undergoes a rigorous QC stage prior to shipping in which all components and facets of the machine are inspected and calibrated. If any one component, or piece of hardware does not meet our high quality standard then it is replaced and re-inspected again. Multiple technicians sign off on each of the many sections during this process.

Machine Features

- **Anti-backlash Drive Mechanics.** VELOX CNC machines use Anti-Backlash technology in order to ensure the longevity of accuracy while cutting. This feature also allows for repeatable cuts with ease.
- **Dual Drive Y-Axis.** VELOX CNC machines run a dual drive Y-Axis which allows the machine to square itself after each homing procedure. Unlike a single drive Y-Axis our dual drive Y-Axis ensures that the X-Axis gantry does not misalign by twisting under load.
- **Upgradable Features.** VELOX CNC machines are designed with upgradability in mind, Due to this fact you are able to choose from many upgrade options on the machine to have it built with the features you want. Our Automatic Tool Change is one of our popular upgrade options.
- **Drive Motors.** VELOX CNC machines use hybrid high-torque brushless motors with encoders which allow your machine to cut with ease in higher load lower speed scenarios. The encoders allow you to retain the high-torque value, and gain the position fault capability which improves the longevity of the machine's performance.
- **Control Hardware.** VELOX CNC uses robust control hardware. We combine: in-house designed PCB boards and technology, in-house designed chassis, and proven reliable drivers to manufacture a truly powerful control box. Each control box is assembled, QC'd and tested
- **Control Software.** VELOX CNC uses innovative Flashcut control software which equips your machine with additional software features that other machines won't have, and the extra support of the Flashcut name brand.

Support

- **Customer Care.** We begin our support process with each customer before they have even purchased a machine. Our customer care practice is to always ensure that we are providing you with a solution when you purchase a machine instead of simply making a sale. If during this process we feel one of our models won't be the solution for what you are trying to achieve we will recommend that you not purchase such a machine, and possibly educate you on the possibilities in place of. This goes against typical practices widely used by our competitors, but we pride ourselves on caring for our customer's potential success rather than seeing them fail in their goals.
- **Technical Support.** We offer best in class support! Once you purchase a VELOX CNC machine you gain access to our capable support team. Our support portal will allow you to reply to, keep track of and ultimately come to a solution with any technical questions you may have. Our support portal also has an extensive knowledge base that can answer many common questions, and houses information regarding the different aspects of the machines.
- **Remote and On-Site Training.** VELOX CNC offers both remote and on-site training as an option with the purchase of any machine. We also offer remote training via screen sharing software in order to best guide you through some of the aspects of the control software. Our goal is to ensure you know how to use the machine safely and efficiently.
- **Parts are Stocked.** We stock all of our parts in-house, so there is no wait for any component that you may need down the road. Other import brands make you wait for weeks before shipping a part to you, but we are capable of shipping next day if needed on most all of our components. This ensures your machine stays up and running for as long as possible with very little down time if any.

VELOX CNC vs Our Competitors VR8 Model Specific

VELOX CNC VR8 (4x8 - Starting At)	Brand A (4x8 - Starting At)	Brand B (4x8 - Starting At)	Brand C (4x8 - Starting At)	Brand D (4x8 - Starting At)
Industrial Grade Machine USA	Comparable	Entry Level Grade	Import Grade	DIY Grade
Welded Steel Frame in CA USA	Comparable	Comparable	Imported Frame (Non-USA)	Bolt-On Frame
Fully Assembled, QC'd and Tested in CA USA	Comparable	Comparable	Imported (Limited Testing If at All)	Assembly Required (Not tested)
25mm Heavy Duty Bearings and Rails	Comparable	Comparable	Not Advertised	Not Advertised
Innovative Robust Flashcut Control Software	Outdated Control Software	Proprietary Software	No Computer Interface (Hand-Held Only)	Proprietary Software
Nema-34 Brushless Stepper With Encoder	Nema-34 Stepper Only (No Encoder)	Nema-34 Stepper Only (No Encoder)	Not Advertised	Comparable
Position Faulting Capable	Not Capable	Not Capable	Not Advertised	Comparable
Rapid Capable of 1800ipm	50% Less Rapid Capable	50% Less Rapid Capable	Not Advertised	Comparable
Cutting Capable 200-600ipm	Comparable	Comparable	Comparable	Comparable
Full Computer Control Station	Not Available	Not Available	Not Available	Not Available
Heavy Duty Leveler Adjustable	Not Available	Not Available	Not Available	Light Duty Leveler
220V Not Required with 3.5HP 110V Router	Comparable	Comparable	220V Required	220V Required
Parts Mauf. And Stocked in CA USA	Comparable	Comparable	Parts Imported (Not In-Stock)	Comparable

* These comparisons are the opinion of VELOX CNC based on our research, and knowledge. Please ensure that you conduct your own research in order to best determine the information needed.