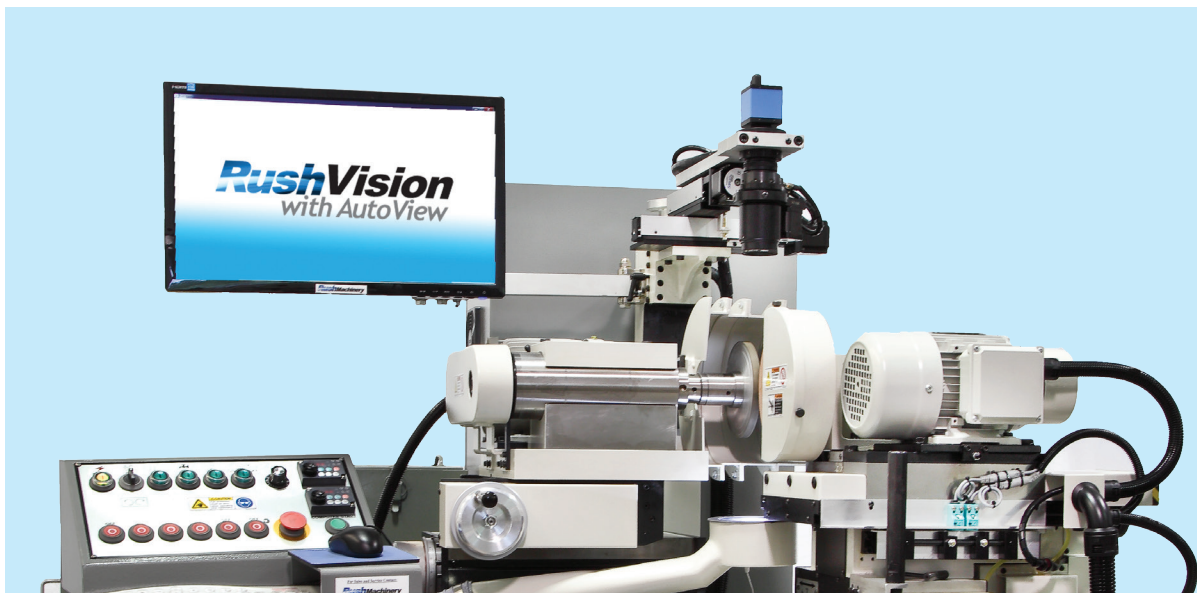


# **RushMachinery**

Grind better.



## **RushVision 2.5**

### **We've made it easier to access:**

- RushVision 2.5 has the ability to disable the passwords for customers who do not need the password protection.

### **And improved the image:**

- RushVision 2.5 can utilize a color CCD as well as the original monochrome CCD. This is a good addition when using RushVision 2.5 on the PCD.

### **Enhanced magnification:**

- Ability to use the powered zoom lens by Navitar
- Each zoom level will have its own zoom and focal adjustment
- Two high magnification options provide up to 30X - 180X

### **Enhanced brightness:**

- Each zoom level has its own brightness control programmed in so less manual lighting adjustments are needed

### **We'll even translate it for you:**

- RushVision 2.5 features more languages along with the ability to easily add more languages to the software as needed
- Drop down list from the menu to easily change languages on the fly

### **And Windows friendly:**

- Ability to work with both Windows 7 and Windows 10 operating systems

Rush Machinery provides innovative, practical, and top quality products that save time and money, and improve the way people grind tools.

## Software Features

- AutoDesk licensed software imports any CAD file of your wheel profiles (.DXF or .DWG)
- Video overlay (CAD generated drawing overlaid on live video image)
- Camera View Commands:
  - Zoom - Limits, All
  - View 3 Optical Zoom Levels and 1 Digital Zoom Level
  - Standard: Optical - 15X, 30X, 60X, Digital 90X. Can be customized
  - Control Panel - Optimize camera controls for the specific environment
- CAD Capabilities
  - DraftSight 2-D CAD drawing for creating wheel profiles in a CAD environment
  - Drawing Functions: Tracer, Line, Arc, Point, Move Origin, Set Origin, Note
  - Standard Wheel Forms: 1F1, 1V1, 1E1, 4Y1, Drill Forms
- Centering of Camera to Machine swivel axis
  - Axis alignment - Key for dressing radii
- Axes metrology - Workpiece location
  - Zero the X and/or Y axis current position to assist the movement of the workpiece wheel a measured amount

- RushVision System Management
  - Calibration
  - Manually align the center of the camera to the center of the machine
- Auto-View Software Features (OPTION)
  - Call Auto-View drives to Home position - centered on C axis
  - Axis alignment - Stepper motor realignment of the camera center to the machine swivel center
  - Zoom window - Required for radii larger than 0.250" (6.4 mm) and/or close tolerance requirements

## Hardware Features

- Industrial PC - Intel I3 Core Processor, 4 GB RAM, 120 GB Solid-State Hard drive, DVDRW
- USB 2.0 CCD, SXVGA, 1/3" Monochrome camera
- 18-108 mm zoom with manual iris
- Stepper motor driven zoom with control board interface
- Auto-View Hardware Features (OPTION)
  - Stepper motor driven positioning of camera to selected field of view
  - Control boards

**RushMachinery**

4761 Route 364 • Rushville, New York • 14544 • USA  
Tel: (800) 929-3070 (US & Canada) • +1 (585) 554-3070 • Fax: + 1 (585) 554-4077  
Email: [mail@rushmachinery.com](mailto:mail@rushmachinery.com) • [www.rushmachinery.com](http://www.rushmachinery.com)