RazorGage

POSITIONERS • SOFTWARE • SYSTEMS

RazorGage ST WinPro

RazorGage ST with 15.5" Touch Screen & Windows 10 Pro, our most popular interface. Our Windows based software features screens for almost any purpose. Transfer files with WiFi, USB drive, or Bluetooth. Optional Autolist feature sorts cutlists and optimizes yield.

Supports most common PC peripherals including printers, bar code readers, thumb drives, and more.

Better Hardware
Better Software
Better Buy RazorGage

Better Hardware

The RazorGage Premise: A programmable saw stop only benefits your business if you can trust it to position accurately every day.

Fact: Since most saw stops calculate stop position based on motor rotation, drive component precision is crucial to long term accuracy.

Conclusion: Drive component quality directly affects return on investment.

Planetary gears for accuracy.

The RazorGage positioning carriage mounts on two circulating ball bearing blocks sliding on a hardened & precision ground steel rail.
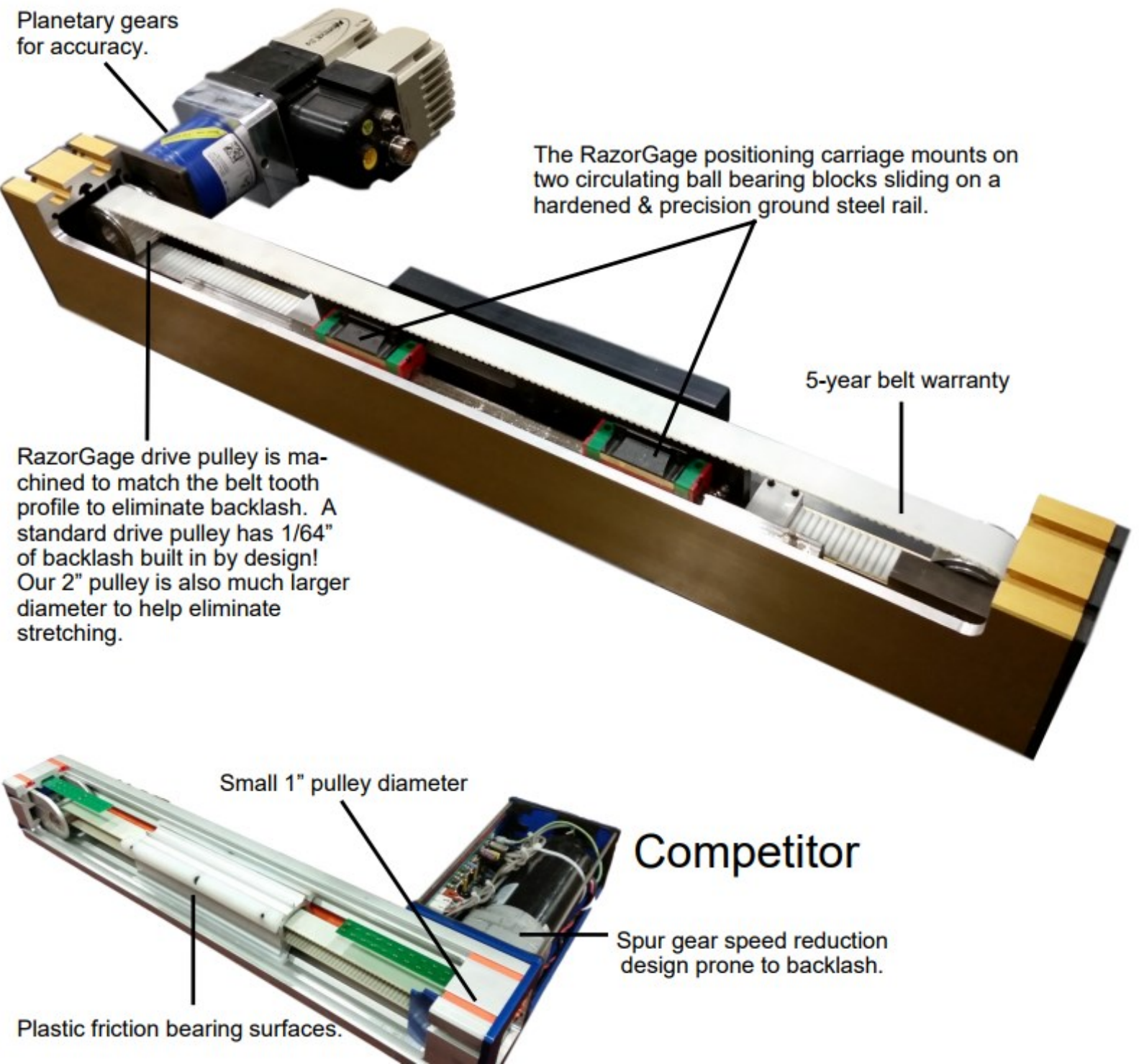
5-year belt warranty

RazorGage drive pulley is machined to match the belt tooth profile to eliminate backlash. A standard drive pulley has 1/64" of backlash built in by design! Our 2" pulley is also much larger diameter to help eliminate stretching.

Small 1" pulley diameter

Competitor

Spur gear speed reduction design prone to backlash.

Plastic friction bearing surfaces.

Better Software

RazorGage is powered by Microsoft Windows so networking is no different than any other PC in your office, home, or shop. Since the RazorGage software is based on a rapid development platform, it is constantly evolving to meet the needs of our customers and can be easily customized.

No menus to memorize. Operation is obvious. Setup and calibration functions are just a keystroke away.

Fraction Keys minimize keystrokes reducing human error. Only 3 strokes to move to a position like 39 -15/32.

Infinite Offsets with picture buttons.
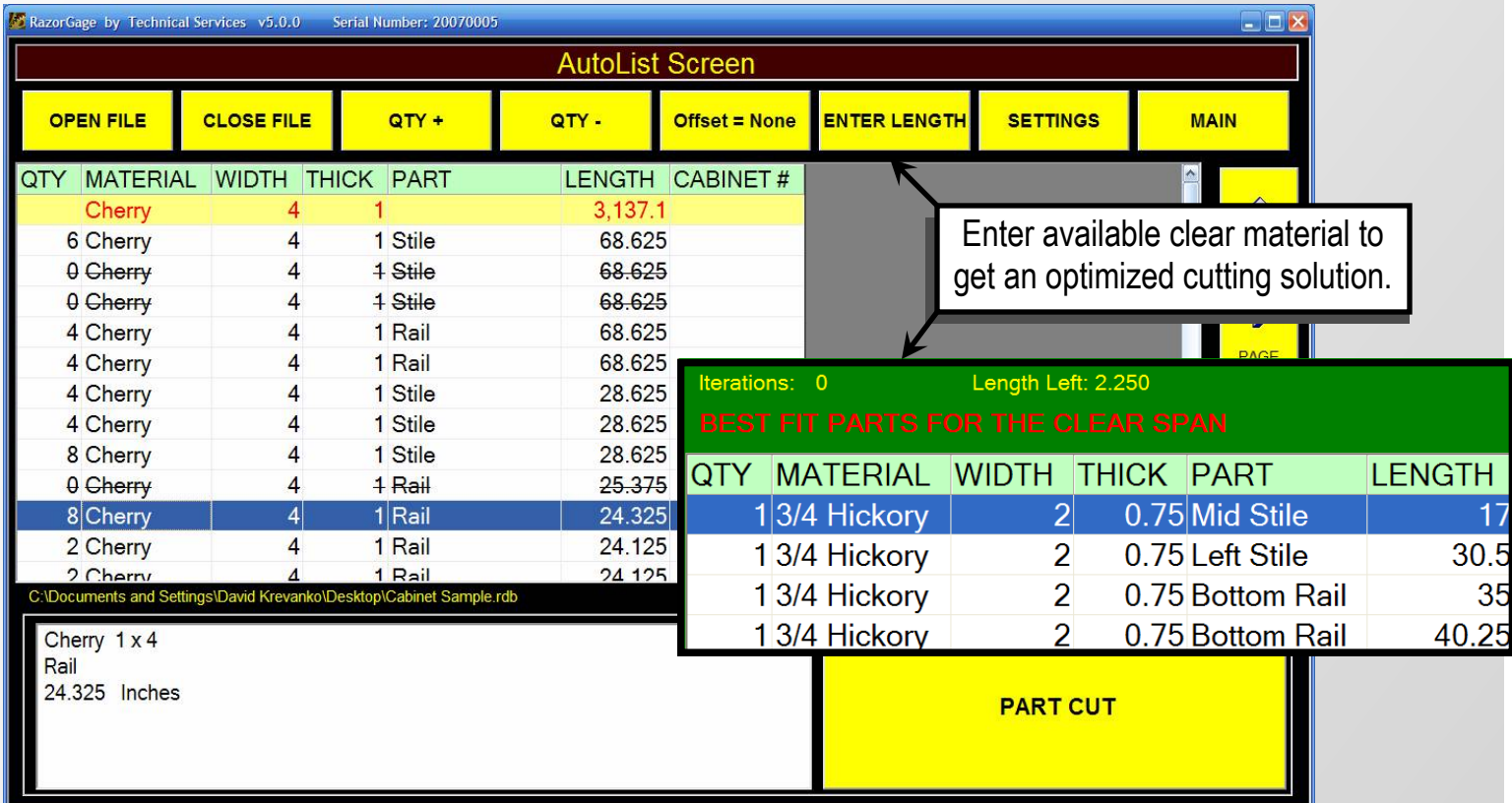
Stores 1000's of programs

And many more functions too numerous to explain in this flier. The RazorGage software includes pages of Presets, the Work Order Screen for simple downloading, the AutoPusher Screen for defining and running cut patterns, and the Batch Screen for defining and running same length parts from specific stock lengths. Our software is always evolving and we are happy to customize. Download a free demo version of our software at www.razorgage.com

For details on the RazorGage software features, view the tutorial videos on our YouTube Channel accessible from www.razorgage.com.
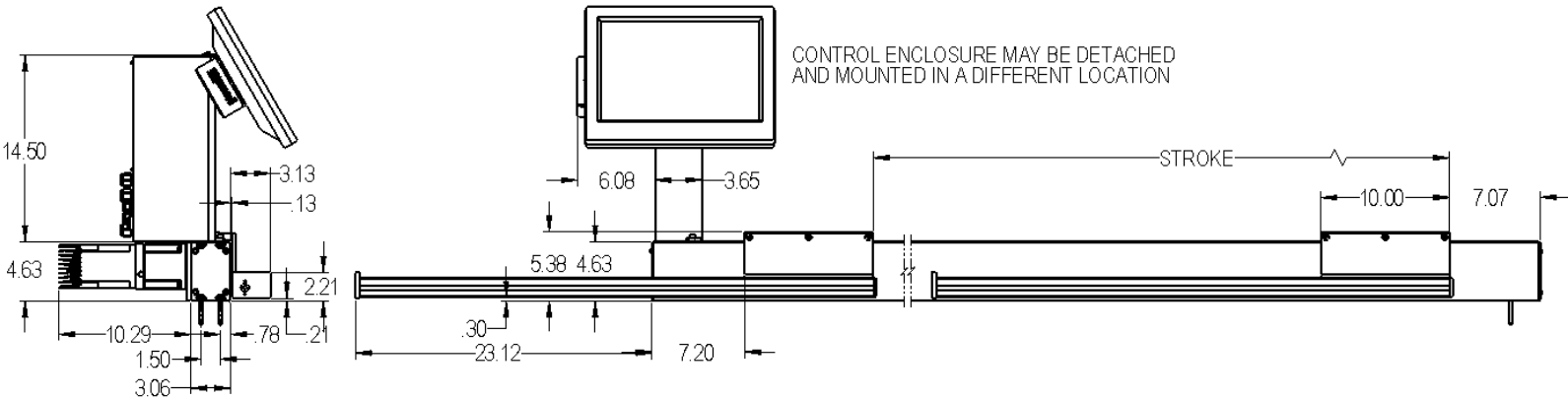
Autolist Defecting & Optimizing Option

Download your cutlist. The RazorGage Autolist Software displays your parts grouped according to your criteria. Just touch a line item and the RazorGage moves to position. Pressing the PART CUT button decrements QTY. Items are crossed off when the QTY reaches zero. Enter available clear length for an optimized solution. Use as a pusher or a stop. Include the Tool Safe Sensor to provide semi-automatic operation.

RazorGage by Technical Services v5.0.0   Serial Number: 20070005

AutoList Screen

OPEN FILE	CLOSE FILE	QTY +	QTY -	Offset = None	ENTER LENGTH	SETTINGS	MAIN

QTY	MATERIAL	WIDTH	THICK	PART	LENGTH	CABINET #
	Cherry	4	1		3,137.1	
6	Cherry	4	1	Stile	68.625	
0	Cherry	4	1	Stile	68.625	
0	Cherry	4	1	Stile	68.625	
4	Cherry	4	1	Rail	68.625	
4	Cherry	4	1	Rail	68.625	
4	Cherry	4	1	Stile	28.625	
4	Cherry	4	1	Stile	28.625	
8	Cherry	4	1	Stile	28.625	
0	Cherry	4	1	Rail	25.375	
8	Cherry	4	1	Rail	24.325	
2	Cherry	4	1	Rail	24.125	
2	Cherry	4	1	Rail	24.125	

C:\Documents and Settings\David Krevanko\Desktop\Cabinet Sample.rdb

Cherry 1 x 4
Rail
24.325 Inches

Enter available clear material to get an optimized cutting solution.

Iterations: 0   Length Left: 2.250

BEST FIT PARTS FOR THE CLEAR SPAN

QTY	MATERIAL	WIDTH	THICK	PART	LENGTH
1	3/4 Hickory	2	0.75	Mid Stile	17
1	3/4 Hickory	2	0.75	Left Stile	30.5
1	3/4 Hickory	2	0.75	Bottom Rail	35
1	3/4 Hickory	2	0.75	Bottom Rail	40.25

PART CUT

For detailed information, videos, & manuals, visit www.razorgage.com

RazorGage ST Specifications

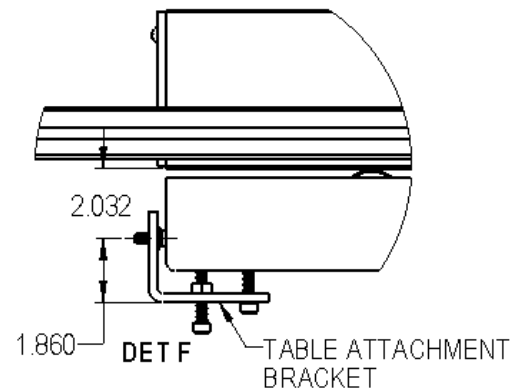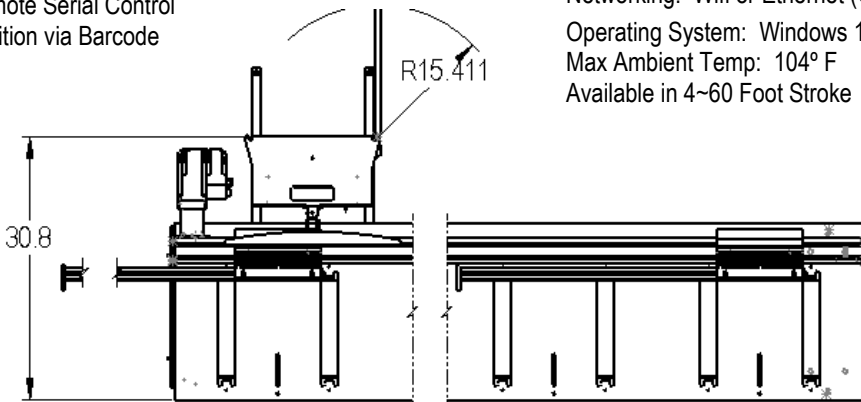CONTROL ENCLOSURE MAY BE DETACHED
AND MOUNTED IN A DIFFERENT LOCATION

STROKE

Common Options &Accessories

Label Printer
Gang Stop
Miter Stop
Ethernet Port (Standard on Tower PC)
WiFi (Optional on Tower PC)
Steel Fence Facing
Infeed/Outfeed Table with Solid PVC Top
Roller Table with Steel, PVC or Polyurethane Rollers
Remote Serial Control
Position via Barcode

Technical Details

Accuracy: ±.004" over 12 feet if calibrated with a

capable measuring device.

Repeatability: 0015"

Push Force: 200 lb at 10 ips

Max Speed: 40 ips

Power Reqd: 120 VAC / 10 Amps

Interface: 15.5" Touchscreen or 21" Touchscreen with Optional
Tower PC

Networking: Wifi or Ethernet (Optional)

Operating System: Windows 10 Pro
Max Ambient Temp: 104° F
Available in 4~60 Foot Stroke

TABLE ATTACHMENT BRACKET

DET F

**This view shows the Tower PC option
as well as the table option. Table height is
the same with either solid top or rollers.**