RazorGage

Positioners • Software • Systems

ST Android

Better Hardware
Better Software
Better Buy RazorGage

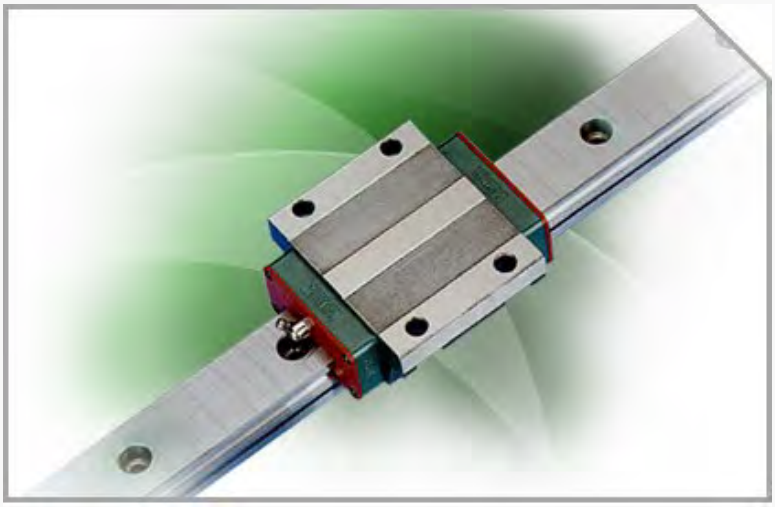
Proudly Made in Ames, Iowa, U.S.A.

www.razorgage.com

Better Hardware

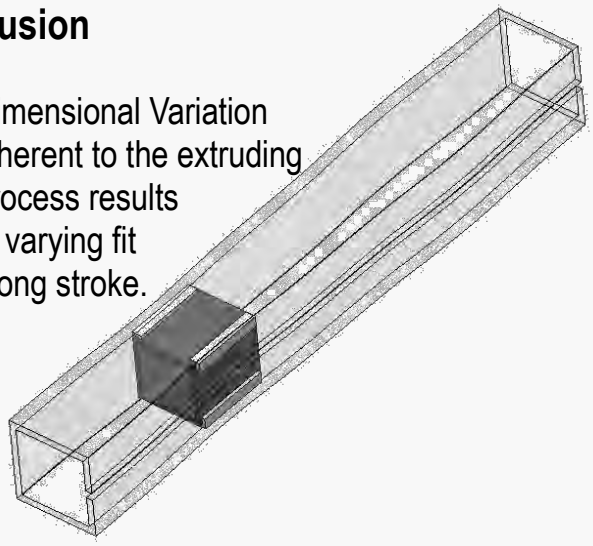
The RazorGage Premise: A programmable saw stop only benefits your business if you can trust it to position accurately every day.
Fact: Since most saw stops calculate stop position based on motor rotation, drive component precision is crucial to long term accuracy.
Conclusion: Drive component quality directly affects return on investment.

RazorGage Linear Bearing: Hiwin Linear Guide



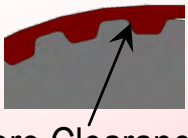
- Industrial Standard for Linear Motion
- Rigid & Consistent Motion for repeatable and accurate positioning throughout stroke.
- No Adjustment
- Long Life

Competitors' Linear Bearing: Plastic Wear Pads on Aluminum Extrusion

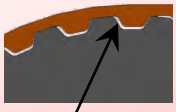


- Adjustment required as pads wear
- Motion resistance varies throughout stroke causing unpredictable positioning characteristics.

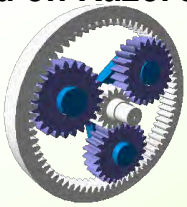
RazorGage Zero-Clearance Pulley



Standard Drive Pulley



Planetary Gearhead used on RazorGage

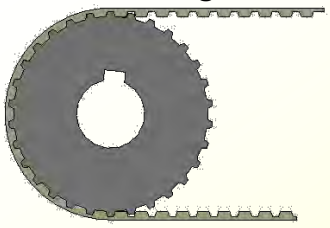


- 3 Load Paths Transmitting Torque
- 7 Arc Minutes Backlash

Spur Gear Style Reducer Others Use

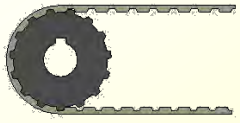
- 1.2 Gear Teeth Transmitting Load
- Excessive Backlash

30 Tooth Pulley used on RazorGage



- Larger Bend Radius increases belt life.
- Twice the teeth to resist tooth shear load.

15 Tooth Pulley Competitor Uses



- Tight Bend Radius reduces belt life.
- Half the teeth to resist tooth shear load.

RazorGage doesn't stretch belts

Due to the nature of the RazorGage drive and control system, motor torque is interrupted immediately upon detection of a stall. The result is that our customers virtually never have to replace a belt.

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

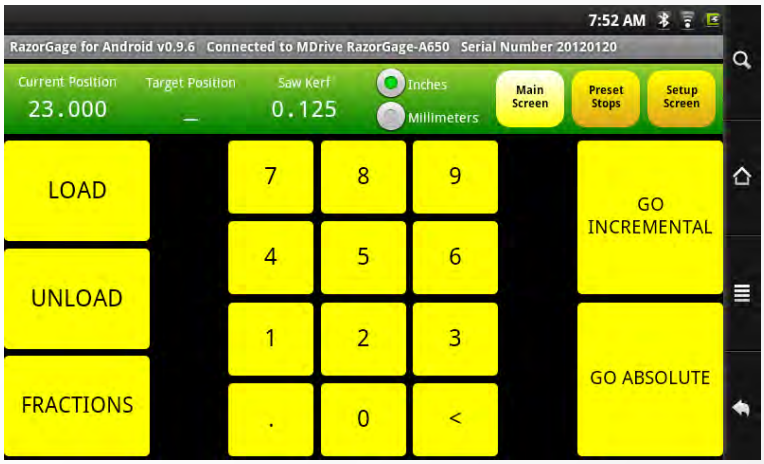
Better Software

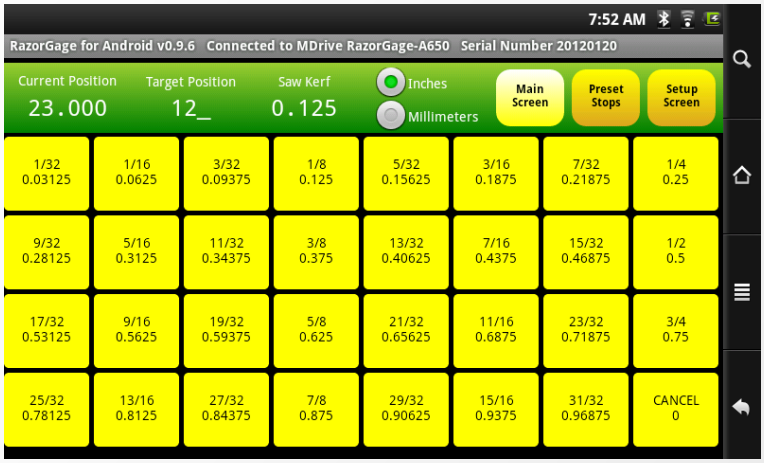
Everyone uses personal computers these days. Why should your linear positioning system be different? RazorGage Android ST includes a reliable solid state Tablet PC running the Android operating system.

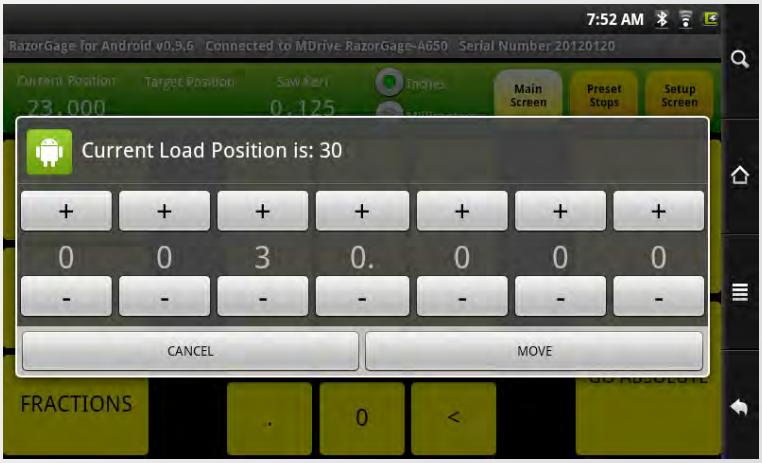
7" Touch Screen Provides a bright, bold operator interface.

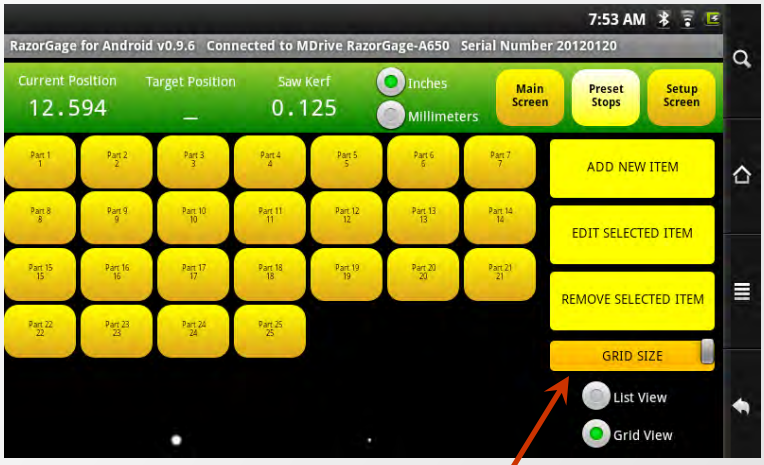
No menus to memorize. Operation is obvious. Setup and calibration functions are just a keystroke away.

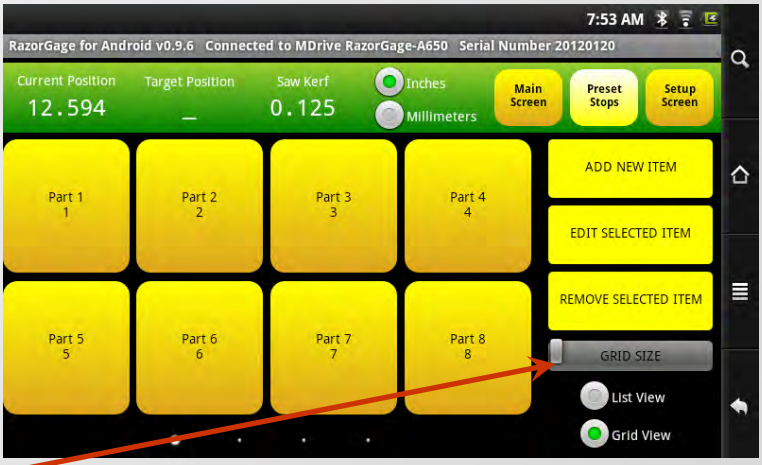
Fraction Keys minimize keystrokes reducing human error.











The Preset Grid Scaling Slide Bar allows you to easily adjust the Preset button size or you can change to list view to scroll through your Presets using the swipe feature.

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RazorGage

Specifications

Accuracy: ±.008” over 12 feet

Repeatability: ±.0015”

Push Force: 200 lb at 10 ips

Max Speed: 60 ips

Power Reqd: 120 VAC / 10 Amps

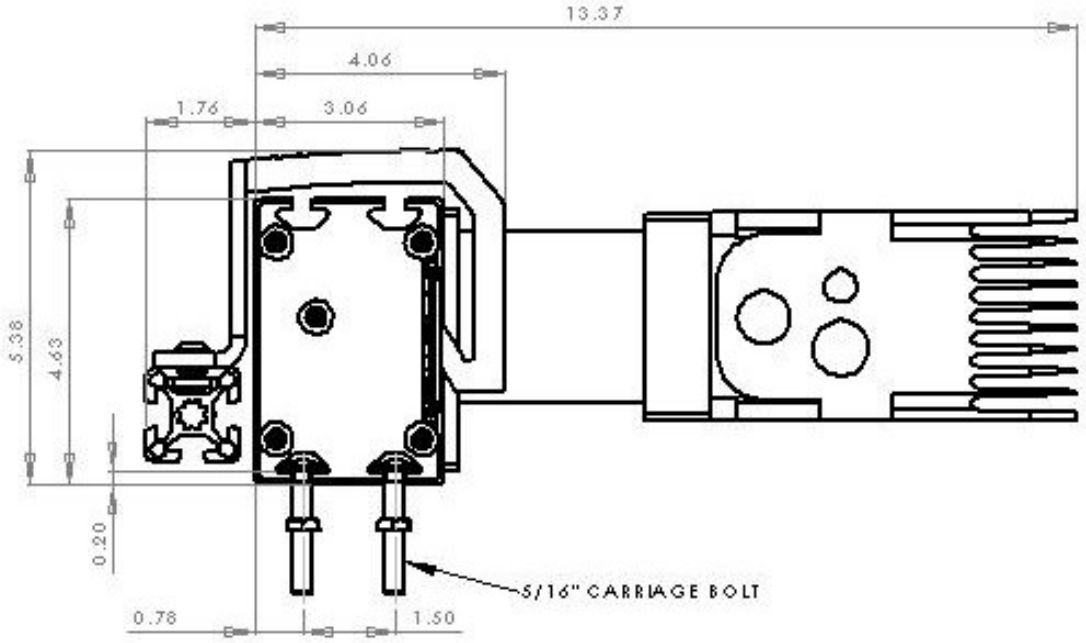
Length: Stroke + 24”

Interface: 7” Touchscreen for **Networking:** WiFi

Operating System: Android

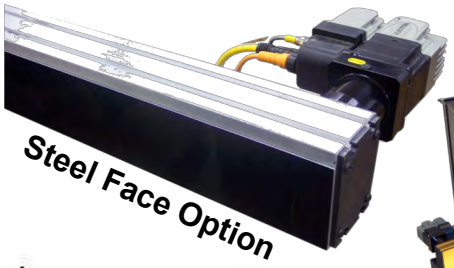
Max Ambient Temp: 120º F

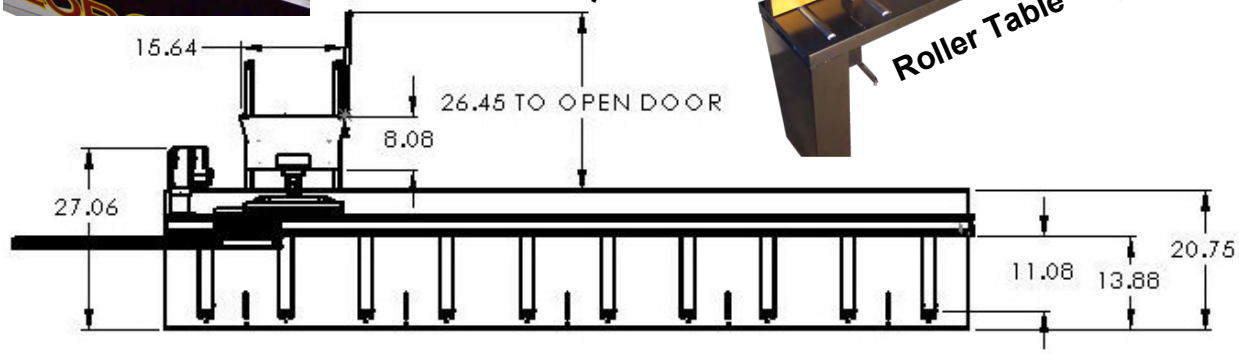
Available in 4~46 Foot Strokes. Custom Strokes Available

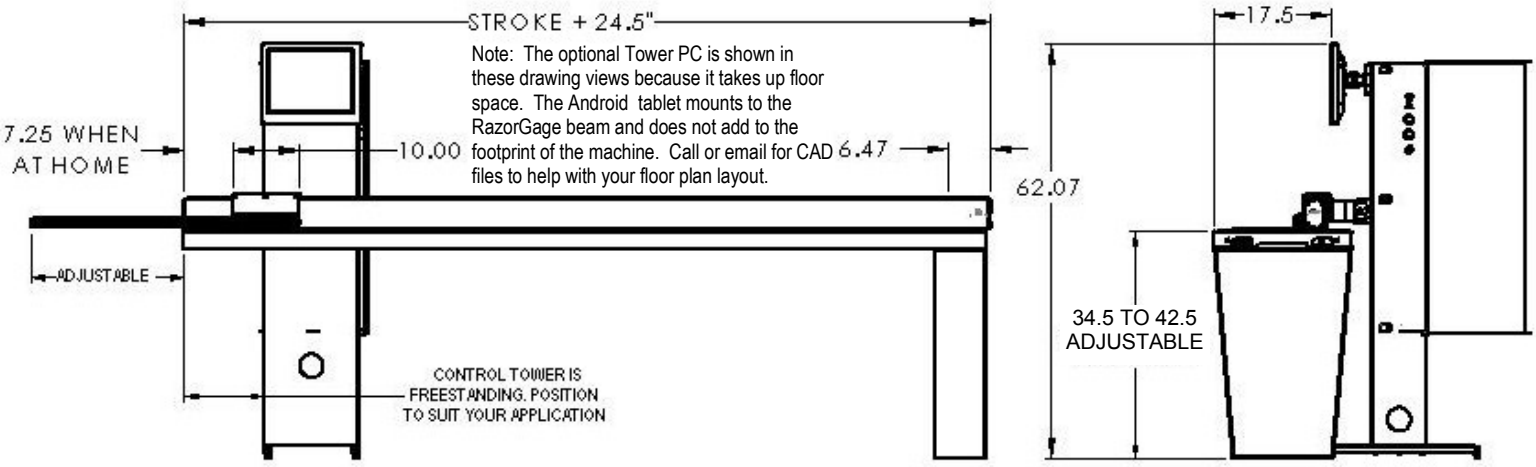


Common Options &Accessories

Miter Stop







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Your Local Dealer:

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