

THE VAN ALSTINE G-1000 TIRE GROOVER

FINALLY, A PRECISION ONE HANDED GROOVING TOOL!

(PERFECT FOR TRUCK TIRES, RACE TIRES AND MANY RUBBER PRODUCTS)

• Patented Design •

• **Fast - Smooth - Easy**
- Glides Over Tire Surface -

• **Precise, Consistent Cutting Depth**
- Virtually Automatic -

• **Cuts With Less Heat**
- Preventing Heat Degradation
to Race Tire Surface -

• **Unparalleled Control**

• **Instant Blade Change And Adjustment**



Proper Regrooving

As is true with retreading, the success of the regrooving process depends on the job being done properly. Two factors are key to proper regrooving:

- 1 The ability to cut at a precise, consistent depth and
- 2 having the control to accurately and easily reproduce the desired tread pattern.

A properly regrooved tire will give you tens of thousands of safe, inexpensive miles and this process is especially ideal for casings that are questionable for retreading.

Distributed by:

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The Van Alstine G-1000 is designed to meet the exacting demands of modern tire regrooving. Its ease of use makes it possible for anyone to cut quickly and accurately.

The patented design of the G-1000 offers many advantages:

- ★ The instant blade change and adjustment feature is critical for proper regrooving. This enables the operator to easily position or reposition the blade at the correct depth and is particularly advantageous when different sized blades are required on the same tire.
- ★ By preventing the blade holding mechanism from contacting the tire surface, the unique suspended head design of the G-1000 nearly eliminates the deteriorating effects of tire dirt on the electrical efficiency of the tool.
- ★ Unlike other groovers where a very hot portion of the tool makes direct contact with the tire surface, only the heated blade touches the tire with the G-1000 system. This helps to prevent heat degradation to the rubber. The elimination of heat degradation is extremely important with race tires because the new edges created by cutting grooves need to be as durable as possible.
- ★ The patented design of the Van Alstine G-1000 regroover uses the pushing force applied by the operator to virtually lock the tool at the proper cutting angle, making it effortless to maintain an accurate and consistent depth of cut.
- ★ The smooth cutting action of the G-1000 allows the operator to easily follow or reproduce existing tread patterns with unparalleled control.
- ★ The blade holding mechanism of the G-1000 is designed to protect the cutting edge of the blade, unlike other less convenient blade holders that actually damage the cutting edge by clamping directly on it.

High quality Van Alstine razor sharp blades are available in a wide variety of cutting widths in both flat and round bottom styles. Blades are designated with either a "GF" for flat bottom or a "GR" for round bottom. Blade sizes correspond to thirty-seconds of an inch in width. A #6GF blade cuts 6/32" wide and has a flat bottom. A #6GR blade cuts 6/32" wide and has a round bottom.

Blades are commonly available in the following sizes:

Flat Bottom (GF)			5	6	8	10	12	14	16	18	20	24	28	32
Round Bottom (GR)	3	4		6	8	10	12							

Other blade sizes may be ordered as specials.

