

GRID NOTCHING EQUIPMENT

Wakefield offers the most cost effective automatic grid notching equipment on the market today. It has eight tracks to push lineals, and eight punches to notch. Typically, four are used in each cycle allowing for fast change over to another thickness or style.

The optimization software which is included is a high yield, proven program. It is a complete turnkey system with features such as:

- **Single Cycle Automatic Action:** Merely place the material on the end of the pusher, and the machine takes over.
- **Optimizes with Pentium Processor:** Great yields with optimization reduces scrap to only a few percent.
- **Handles Multiple Pieces with 12" Upcut Saw:** By processing up to four lengths at once, productivity is increased.
- **TigerStop Pusher Eliminates Potential Slippage:** Never ruin parts with belts that can slip.
- **Works on Grids, Spacer & Screen Rail:** More than just a muntin processor, can be used in many applications.

Included this section is a complete interface to your glass cutting software. You will receive support throughout the installation process, and future operation is simple, and practically maintenance free.

A video is available at www.WakefieldEquipment.com which demonstrates the features of this workhorse. Check it out, and see how this machine can be a boost to your productivity.

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Why It's Important

Budgets definitely drive all investment decisions. Large expenditures can be justified when processing frames, sashes or glass. Smaller items such as grids, screen rail or I.G. spacers sometimes are neglected or ignored while the expense of processing these items add up tremendously over the years.

Grids, screen rails and spacers may be the last area to automate, but the savings will add up big.

As a key supplier to our industry, **Wakefield** has observed one essential fact over the years.

Successful companies look at all areas of processing to minimize labor and material.

If you've ignored grid notching, screen rail or I.G. spacers before because you felt the manufacturing cost was "not significant", think again. It's too competitive to overlook any area of your fabrication process today.

About the Machine

The **Wakefield** grid notching machine employs the most efficient and cost effective pusher on today's market with **TigerStop** coupled with optimization software from Opticut, a Pentium processor plus a 12" upcut saw with punches.

This system comes complete and ready to use. The typical installation takes less than a day, and will have you realizing savings in the first week.



This is a complete system, ready to use, employing the latest components and software available in today's market.

Each piece of raw material is fed, or pushed by a special arm attached to the basic pusher on **TigerStop**. This arm has multiple grippers to hold up to four pieces of material. The positive pushing action is far superior to friction wheels which attempt to pull the material and can easily slip. Over time, this condition can worsen resulting in bad parts and scrap. This potential problem can be entirely eliminated by pushing with a **TigerStop**.

The TigerStop pusher system ensures a positive feed and eliminates potential slippage and the bad parts and interrupted production flow which can result.

As the material is pushed, it is guided through a track (there are four tracks standard per machine allowing up to four pieces to be processed in each cycle), and is then automatically cut to the precise length as determined by your cut list. When processing grids, the secondary operation of notching is then performed.

The notching punch is provided according to the type grid being processed, and different punches are available which can be easily interchanged. The finished product is then removed and placed into extrusion dollies with the bin in slot number provided for final assembly on the I.G. or screen line depending upon the material.

Up to four pieces of raw material can be fed and automatically processed at a time.

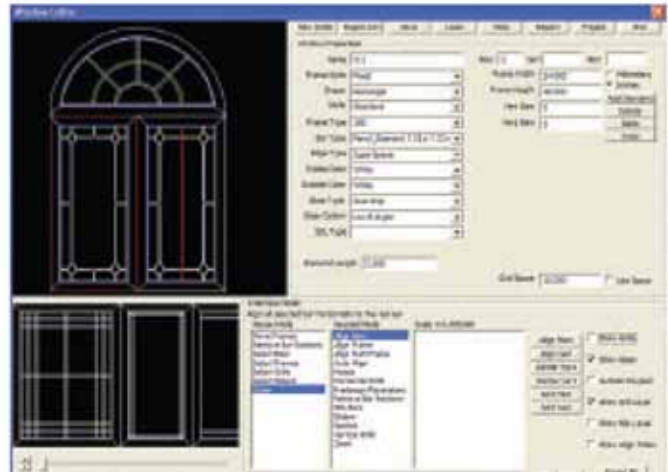
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The heart of this system lies with the surrounding mechanics previously discussed along with **TigerStop** and the state-of-the-art software optimization interface from *Opticut* reviewed below. There are more **TigerStop** lineal positioner/push feed systems in use than any other lineal movement machine on the market today. Able to communicate through a serial port to the processor, the **Tiger** takes commands and automatically moves to the exact position each time. With a speed set of over 2 feet per second, and accuracy of four thousandths of an inch, you will never need to worry about low production, bad parts or material waste again.

TigerStop is definitely the best performing and most cost effective pusher system found on the market today.

Software



The second key to **Wakefield** automatic cut off and grid processing equipment is software from *Opticut Technologies*. *Opticut* takes your cut list, optimizes it, and then exports it to **Tiger** using a Pentium processor. The specific grid pattern is determined and programmed into the system. Bin and slot numbers are then assigned for movement to the assembly process.

Opticut Technologies has been providing software to the fenestration industry for years working with various fabricators in North America.

Conclusion

If making money is all about payback, purchasing this system becomes an easy decision. Production should easily be doubled by being able to process up to four lineals at a time automatically. Material waste will be dramatically reduced with the positive feed of **TigerStop** and optimization software from *Opticut*.

After the first system is installed for grids, it's quite common to find fabricators returning for additional machines to process screen rail and other items where automation has previously been too costly. To learn more, give us a call. We're here to help with quality products to make you more competitive and increase your bottom line.

This is the best possible material and labor savings option available anywhere for automatic grid processing equipment.