

Muntin Fabrication Specialists & More

8411 Ronda Drive Canton, MI 48187-2001

Phone: 734-459-5870 Fax: 734-459-9837







Computerized Feed Through System

FEATURES

- 110 volts A.C.
- 110 volts A.C.
 120 psi air pressure ½" I.D. air line sufficient for up to 25 feet from main line
- O Compact size, 24" x 96" x 75"
- O Can be equipped with:
 - Heavy Duty Colonial Notcher
 - Contour Muntin Punch for Fishmouth
 - Keeper Punch for Holes in Aluminum Spacer
 - Screen Channel
- Optimizes material
- Quick change tool cartridge
- O Can be configured for most standard and contour muntins
- Windows 10 operating system
- Network interface
- Touch screen monitor

BENEFITS

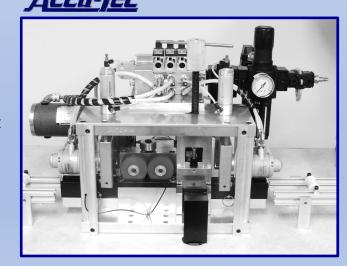
- Increases production
- Minimizes waste
- Ability to merge an existing cutlist or create one at the machine

• Quick change tool cartridge gives flexibility to switch between muntin sizes or types in seconds without tools

OPTIONS

- 4540-A: Standard notcher for up to 7/8" ● 4540-B: Heavy duty notcher for up to 1 ¼"
- 4540-C: Muntin Keeper Punch • 4540-L: Fish mouth intersect
- 4540-K: Notcher for capover contour intersect
- 4540-F: Muntin Crimper







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Sunburst Muntin Layout/Assembly Work Station*

* Shown with optional equipment: 4518A, 4551, 4503R, 4508B

FEATURES

- OLarge 48" x 72" work surface
- ○32" table height
- ○0° -30° -45° -60° -90° lines scribed into table surface
- Two sets of clamps
- Convenient measuring tape for height and width
- Operates on 90 to 100 psi

BENEFITS

- OAccurately layout and assemble starburst patterns
- OAccommodates a double radius
- OAII machinery located in one convenient location

OPTIONS

- OMuntin/Spacer bender
- OPrecision 4" chop saw
- ORadius muntin notcher
- ORadius keeper punch
- Ocustom tables





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Radius Keeper Punch

FEATURES

- OPunches keeper holes inside or outside radius of curved muntin or spacer
- Adjustable to any spacer width for hole locations
- Operates on 70 to 80 psi

BENEFITS

- OFast pneumatic operation
- OClean holes (no burrs or shavings from messy drilling operation)

STANDARD EQUIPMENT

Two (2) muntin thicknesses and adjustable for all spacer

widths





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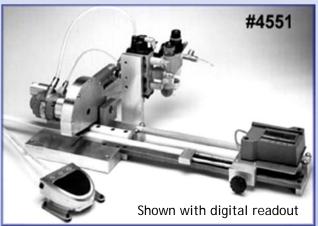
* Shown with digital readout

FEATURES

- OPneumatic
- O4" blade for aluminum
- O4 ¼" abrasive blade for stainless steel
- Extruded aluminum base
- Adjustable stroke (up and down)
- OFoot pedal operated
- Operates on 120 psi

BENEFITS

- Ocost saving (no electricity)
- Ouick, clean precision cuts
- Fast blade change
- OLubricated for longer blade life





OPTIONS

- ODigital readout measuring device (shown)
- Tape measure bar



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Muntin Spacer Bender

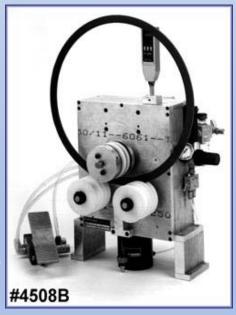
FEATURES

- ONylon rollers will not scratch muntin surface
- Accurately bends most flat muntin bars, aluminum box spacer and roll-formed contour bars
- ORollers can be tooled to bend at least two (2) thicknesses of muntin
- ORoller dies available for different spacer sizes
- ORollers are custom made for personalized combination of muntin and spacers
- Ability to bend a tight radius for sunburst style units
- Quick adjustment for desired radius
- OPneumatic motor drive with foot pedal
- Easy change rollers
- Operates on clean dry air at 60 to 120 psi

BENEFITS

- Accurately bends muntin to any radius
- OBends are repeatable for production use
- OAble to bend small radius
- ODigital indicator







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Heavy Duty Muntin Spacer Bender

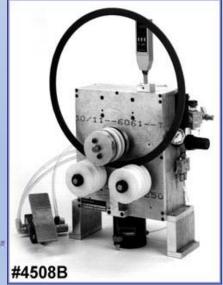
FEATURES

- ONylon rollers will not scratch muntin surface
- Accurately bends roll formed or extended muntin
- OBends most flat bar, roll formed, contour and extruded muntins
- OBends most aluminum spacers
- ORollers can be tooled to bend at least two (2) thicknesses of muntin
- ORoller dies available for different spacer sizes
- ORollers are custom made for personalized combination of muntin and spacers
- Easy change rollers
- Ability to bend a tight radius for sunburst style units
- OQuick adjustment for desired radius
- OPneumatic motor drive with foot pedal
- Operates on clean dry air at 80 to 150 psi

BENEFITS

- Accurately bends muntin to any radius
- OBends are repeatable for production use
- OAble to bend small radius
- Digital indicator







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Combination Muntin Notcher/Keeper Bar Punch

FEATURES

- Air powered
- Double acting cylinder
- Easy muntin change over
- ODurable, long-lasting heat treated tool steel
- OInterchangeable dies
- Self lubricating blade
- ○Adjustable keeper punch to accommodate any size spacer or profiles from 3/16" to 7/8" (4.57mm to 22.09mm)
- Palm button operation
- OManual gauge bar
- Operates on clean dry air, 70 to 90 psi

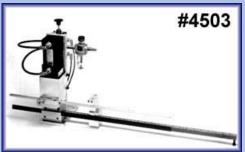
BENEFITS

- Clean accurate notching
- OCombines two machines in one, saves space and time
- OWill accommodate upper and lower sash size off-sets
- OSingle adjustable stop block, saves time and eliminates possibility of muntin and spacer misalignment

OPTIONS

- ORadius notcher die
- OHeavy duty cylinder
- OFoot pedal operation
- ODigital readout gauge bar







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Heavy Duty

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- Double acting cylinder
- OEasy muntin change over
- ODurable, long-lasting heat treated tool steel
- OInterchangeable dies
- Self lubricating blade
- OAdjustable keeper punch to accommodate any size spacer or profiles from 3/16" to 1 ¼"
- Palm button operation
- OManual gauge bar
- Operates on clean dry air, 70 to 90 psi

BENEFITS

- OClean accurate notching
- OCombines two machines in one, saves space and time
- OWill accommodate upper and lower sash size off-sets
- OSingle adjustable stop block, saves time and eliminates possibility of muntin and spacer misalignment

<u>OPTIONS</u>

- ORadius notcher die
- OFoot pedal operation
- ODigital readout gauge bar



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Colonial Muntin Notcher

FEATURES

- Air powered
- ODouble acting cylinder
- OEasy muntin change over
- ODurable, long-lasting heat treated tool steel
- OInterchangeable dies
- Self lubricating blade
- Accommodates flat muntin up to 7/8"
- •Palm button operation
- OManual gauge bar
- Operates on clean dry air, 70 to 90 psi

BENEFITS

- OClean accurate notching
- OWill accommodate upper and lower sash size off-sets
- Single adjustable stop block

OPTIONS

- Radius notcher die
- Heavy duty cylinder
- OFoot pedal operation
- ODigital readout gauge bar





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Heavy Duty Colonial Muntin Notcher

FEATURES

- Air powered
- Double acting cylinder
- OEasy muntin change over
- ODurable, long-lasting heat treated tool steel
- Interchangeable dies
- Self lubricating blade
- OAccommodates 3/16" to 1 1/4" muntin
- Palm button operation
- OManual gauge bar
- Operates on clean dry air, 70 to 90 psi

BENEFITS

- OClean accurate notching
- OWill accommodate upper and lower sash size off-sets
- Single adjustable stop block

OPTIONS

- Radius notcher die
- OFoot pedal operation
- ODigital readout gauge bar







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FEATURES

- ORugged, reliable air motor
- O6" blade is adjustable to various angles
- OPositive 90 degree locator
- Automatic lubricating blade and motor
- Adjustable clamping pressure holds muntins firmly
- OAccommodates flat muntins
- Operates on 80 to 120 psi
- ODigital readout measuring device

BENEFITS

- OFast, easy set up
- OQuick, clean precision cuts
- Quick change to any muntin size
- Accurate angles
- OLonger blade life





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Diamond Muntin Notcher

FEATURES

- OHeavy duty air cylinder
- ODigital readout gauge bar
- Fast pneumatic clamping
- Easy to read angle adjustment
- Operates on 90 to 110 psi
- ODigital readout measuring device

BENEFITS

- OClean cut notching
- Easy angle and spacing adjustments





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Muntin Bar Keeper Punch

FEATURES

- ODouble acting air cylinder
- Adjusts for spacers from 3/16" to 1" (4.57mm to 25.4mm)
- OWill punch holes for single or double prong muntin bar keepers
- OHeat treated steel punches
- Palm button actuation
- OManual gauge bar
- Operates on clean dry air, 70 to 90 psi

BENEFITS

- OEliminates drilling
- OEliminates burrs
- Self centering jaws for accurate hole positioning

<u>OPTIONS</u>

- Foot pedal
- ODigital readout gauge bar





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Contour Keeper Punching Equipment

FEATURES

- Powered pneumatic controlled
- Operates on 80 to 100 psi
- ODigital readout gauge bar for accurate punch placement

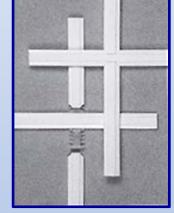
BENEFITS

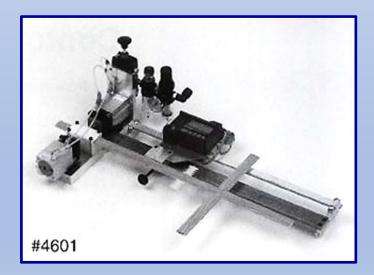
• Punches holes without drilling

OPTIONS

- ORadius muntin guide block
- **O**5.5 x 18
- **O**8 x 18
- **○**5.5 x 25
- **O**8 x 25









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Palm Button Contour Trim Die

FEATURES

OPalm Button Actuated

4610M: 1 Size Contour Muntin4611M: 2 Size Contour Muntin

BENEFITS

Easy die and blade changeover

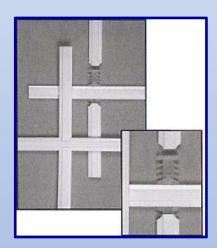
•Quick and easy trimming of contour to give fishmouth a precise fit

SPECIFICATIONS

OPneumatic

Operates on 80 to 100 psi









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Heavy Duty 8" Chop Saw

FEATURES

- Pneumatically operated
- ORugged, reliable motor
- Left or right gauge bar feed
- Accommodates most muntin, spacer, and screen channels
- ○8" carbide-tipped blade
- Foot activated
- Operates on 100 psi
- **3000 RPM**

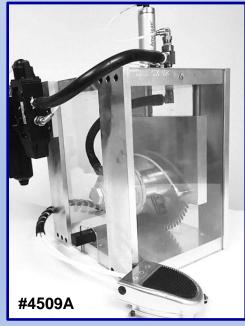
BENEFITS

- Ouick, clean cuts on rollform and extruded aluminum
- Ocuts copper, plastic, vinyl, wood
- Ability to cut multiple pieces at once
- Fully guarded
- OFast set-up
- OLonger blade life

OPTIONS

- ODigital readout measuring device
 - Part #4531
- 08' tape gauge bar
 - Part #4535







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Heavy Duty 8" Mitre Saw

FEATURES

- Pneumatically operated
- Rugged reliable motor
- OLeft or right gauge bar feed
- OAccommodates all muntin, spacer and screen channels
- Ocuts accurate angles up to 70° right or left
- ○8" carbide-tipped blade
- OFoot activated
- Operates on 100 psi

BENEFITS

- Ouick, clean cuts on rollform and extruded aluminum
- OCuts copper, plastic, vinyl, wood
- Ability to cut multiple pieces at once
- Fully guarded
- Fast set-up
- OLonger blade life

OPTIONS

- ○8' tape gauge bar
 - Part #4535
- ODigital readout measuring device
 - Part #4531





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Desiccant Filler

EQUIPMENT & FEATURES

- OClear Plexiglass hopper (visible level indicator)
- OVacuum filler from drum or bag to air-tight hopper keeps desiccant dry
- OSuperior sealing brushes
- OPneumatic vibrator system speeds filling process

BENEFITS

- OProtects desiccant from environmental elements
- Reduces possibility for injuries
- Fast filling of spacer

OPTIONS

Auto hoist







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Insulating Glass Spacer Imprinter

FEATURES

- Air powered
- Operates on 70 psi

BENEFITS

- Olmprints 15 numbers or letters on any sized spacer from ¼" to 1" (6.35 mm to 25.4 mm)
- OSteel type that is easily replaceable







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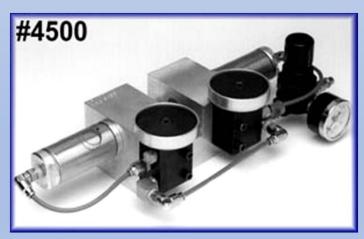
FEATURES

- OAir powered (pneumatic)
- O"Dimples" muntin to allow for a locking notching to hold muntins together at each intersect
- ODouble cylinders "dimple" at both sides of muntin notch
- OWorks on both Colonial and Diamond notches
- Operates on 50 to 60 psi

BENEFITS

- OEliminates muntin intersects
- OSaves material
- Saves time







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Spacer Frame Bender

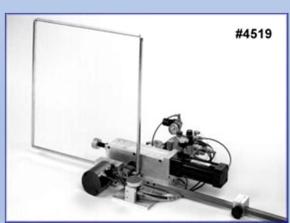
EQUIPMENT & FEATURES

- OAutomatically adjusts to spacer widths 3/16" to 1" (.477mm to 25.4mm)
- Easily adjustable to various angle bends (trapezoid, etc.)
- OSet up for L.P.D. and standard bending spacer
- Two (2) digital readouts on 6' gauge bar (152.4mm)
- Operates on 100 to 150 psi

BENEFITS

- Easy operation
- OLow maintenance
- OQuick set-up
- OPortable







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Gas Filling Spacer Bar Punch

FEATURES

- OAir powered (pneumatic)
- Easy and quick operation
- Adjustable for any size spacer 3/16" to 7/8" (4.77mm to 22.22mm)
- OAvailable in 3mm or 4mm sizes
- Operates on 80 to 90 psi

BENEFITS

- OEliminates drilling
- OEliminates unsightly burrs
- Automatically locates filling holes
- Guards against gas loss at rivet
- OPunch forms a rivet picket for additional sealant, preventing gas loss while maintaining spacer integrity #4512

OPTIONS

OFoot pedal operation







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Auto Multi Head Muntin Notcher

EQUIPMENT & FEATURES

- OExpandable from 2 to 6 heads
- Multiple positioning system
 - Accurately adjusts spacing between each notcher
 - Positioner manufactured to accommodate 6 notchers
- Easy air (pneumatic) operation
- Each notcher quickly turns on or off for special applications
- Self lubricating blades
- High speed punches
- Foot pedal operation
- Ourable, long-lasting heat treated tool steel
- Interchangeable dies
- Operates on 100 to 150 psi
- 110 volts for digital readout

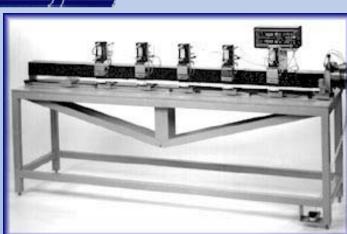
BENEFITS

- Quick easy hook up
- Fast accurate operation
- Low maintenance
- Increased production
- OLonger blade life

OPTIONS

- Chop saw
- Extra notching head
- Heavy duty cylinders
- OSpacer bar keeper punch
- Manual multi head with tape measure
- Index block for upper and lower sash size differences







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