

**When making dust makes you money...
It's time to know**



NORTHTECH
Machine, LLC

**BORING • DUST COLLECTING • GLUING & ASSEMBLING
METAL WORKING • PACKAGING & HANDLING • PLANING
PROFILING • SANDING • SAWING • VENEER PROCESSING**

It's Time To Know

NORTHTECH

Machine, LLC

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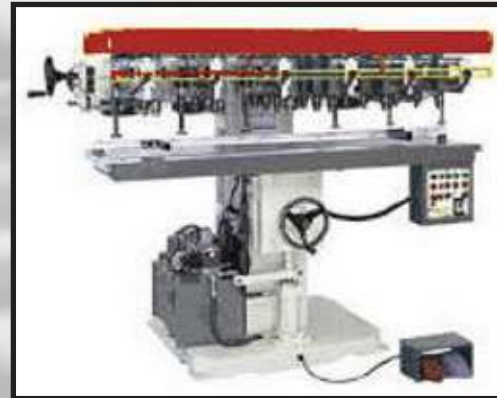
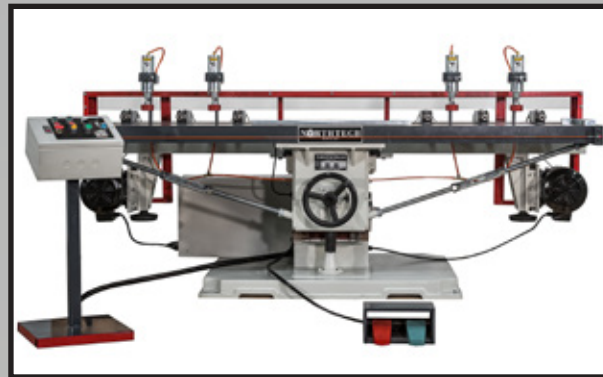
Combination

- For solid wood, panels or plastics
- Up to (6) face drilling
- Pneumatic, air/oil, or hydraulic drill cycle
- Up to 16' lengths
- Manual, semi-automatic and automatic feeding
- Custom configurations available



Horizontal

- For solid wood, panels or plastics
- Single and double line bores
- Pneumatic, air/oil, or hydraulic drill cycle
- 2 stage peck drilling for hole clean out
- Up to 16' lengths
- Custom configurations available



Vertical

- For solid wood, panels or plastics
- Single and double line bores
- Pneumatic, air/oil, or hydraulic drill cycle
- 2 stage peck drilling for hole clean out
- Up to 16' lengths
- Custom configurations available





1HP - 7.5HP Models

- Single and three phase models
- 1300CFM - 5000CFM models
- NFPA 664-2012 8.2.2.5.1.4.7 indoor use compliant models
- Cloth bag / plastic bag / barrel / waste bin options
- Soft sound low noise models



10HP - 25HP Models

- 2 stage filtration units
- Cyclone & enclosureless models
- Rotary air lock models
- Return air options
- 5,400CFM - 11,000CFM models
- Cloth bag / plastic bag / barrel / waste bin options
- Soft sound low noise models

DUST COLLECTING



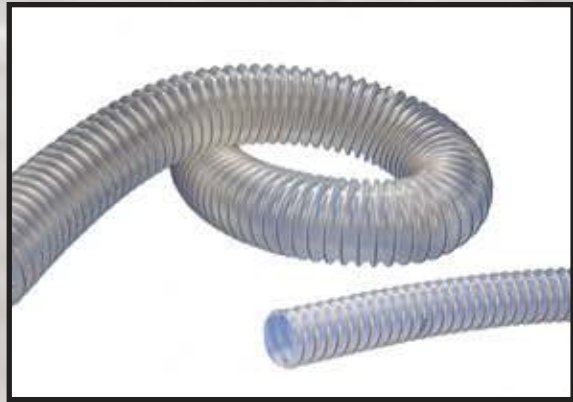
30+ HP Models

- Heavy-duty industrial grade construction
- Spark-resistant aluminum alloy fan wheels
- Multi-stage filtration
- High efficiency fabric filter media - many different filtration media types available
- Component bolt together construction for easy individual part replacement
- Durable powder-coated paint finish



Flexible Dust Hose

- 100mm - 355mm diameter (4" - 14")
- .5mm - 1.5mm (.02" - .06") wall thickness
- 25ft and 50ft rolls
- Spiral steel reinforced
- High temperature and food grade series available



Rotary Air Locks

- Standard and custom sizes available
- Available as an option for most dust collectors over 10HP
- Direct 18:1 ratio gear drives



Transfer Blowers

- 1HP - 25HP models
- Assisted Wye Delta soft start
- Belt and direct drive
- Prewired controls





Clamp Carriers

- Manual and fully automatic systems
- 6 to 40 section models
- Pneumatic or hydraulic clamping
- 8' - 20' length models
- Automatic controls with adjustable torque limits
- Up to 52" deep sections
- Up to 6" clamp depths



Clamps

- Passage door clamps
- Cabinet door clamps
- Face frame clamps
- Pneumatic and hydraulic clamp options
- Manual and semi-automatic clamping or foot operation
- Two stage clamping pressures for added safety
- Heavy duty construction
- Custom designed clamps



Door & Window Machines

- Multifunction mortise and tenon operations
- Automatic 2 speed milling
- Rectangular, round, square, oval mortise and tenons
- Automatic feed systems
- Miter door systems
- 5 Part raised panel door machines





Dovetailers

- iDovetail live 3D interface operating system
- Up to 30" working widths
- Preset programming
- Dual work zones
- Individual clamp controls
- Manual motion machines



Finger Jointers

- Manual, semi and fully automatic systems
- Custom length presses available
- Horizontal or vertical joints
- Single splice models
- Customizable systems
- Finger joint saws for the processing of finger joint block rework





Glue Spreaders

- Solid wood, veneer and panel glue spreaders
- Manual and automatic models
- Single and double sided application
- Up to 72" wide models
- Edge or face applications
- Retractable heads for dry joint applications



High Frequency Gluers

- Up to 18' capacities
- 1 - 2 - 3 way directional pressures
- Slant table and feed through models
- Cabinet & passage door models
- Vertical press models
- Continuous layup systems
- Custom models available



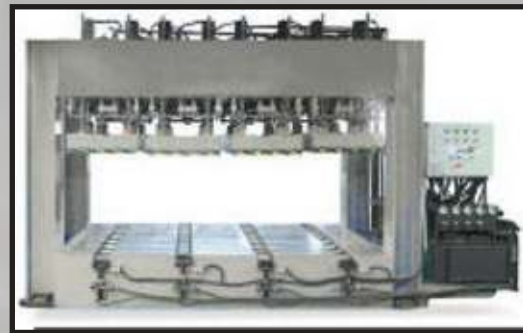
Mortising & Tenoning Machines

- Ideal for cabinet, furniture and chair parts
- Precut and finish cut modes
- PLC interfaces
- Multispindle head designs
- Mechanical and CNC models
- Straight / round / rectangular / special joints
- Heavy duty design with multi station operation



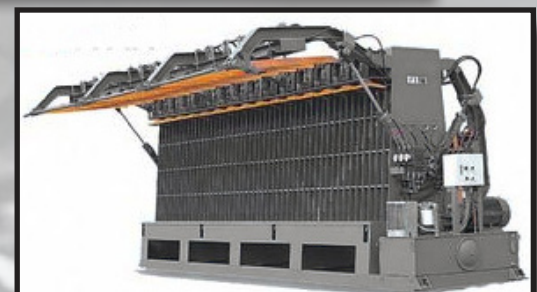
Pallet Assembly Systems

- 500-800 / 8hr shift production
- Specially designed for the varying dimensions of reclaimed material
- 20min total system change overs
- Stand alone or integrated adjustable width stackers
- Quick change jig tables



Presses

- Vertical presses
- Panel presses
- Formed presses
- Heavy duty construction
- Stack clamps for up to 300% more production
- Custom designed models





Metal Sanding

- Wet / dry sanding
- Magnetic belt models
- Ferrous / non ferrous sanding
- Top and bottom sanders
- Up to 5 heads
- Edge Sanders
- Stroke Sanders
- Round rod sanding



Metal Sawing

- Non ferrous up cut saws
- 14" - 36" diameter blade options
- 12" x 12" to 1" x 28" cut capacity
- Double miter saws
- Rotary table for -60° / +60° cut



Tool Sharpening

- 4" - 32" diameter circular saw blades
- Profile grinders up to 12"
- Semi automatic and CNC models available
- Frame saw sharpeners
- Straight knife grinders up to 98"



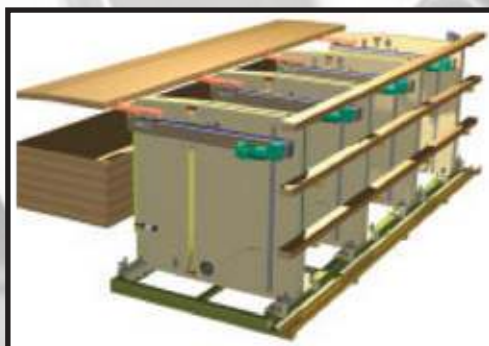
Machine Infeeds / Machine Outfeeds

- Up Cut Saws
- Moulders
- Straight Line Rip Saws
- Double Surface Planers
- Gang Rip Saws
- Roller conveyor tables
- Custom designed feed systems



Bundle Turners

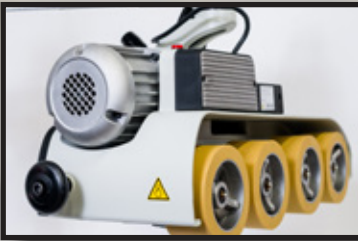
- 6ft - 12ft models
- Flip and Rotate models
- Hydraulic clamping
- Able to integrate into existing systems
- Infeed and outfeeds available



Stackers

- Dimensional stock and pallet models
- 5' - 40' product lengths
- Inline or Lateral product input
- PLC controlled movable stacking heads
- Up to 15s stack cycles
- 30pc/min pick rate
- Programmable positioning
- Easily integrated into existing systems





Stock Feeders

- 1, 4 and 7 roller models
- Track feed models
- Infinitely variable feed models
- Single and three phase models
- Universal stands



Stretch Wrap Machines

- Fully automatic options
- Quick film loading
- Complete automatic lines with top cover option
- 96" wrap heights
- Up to 6' turntables
- Optional built in scales



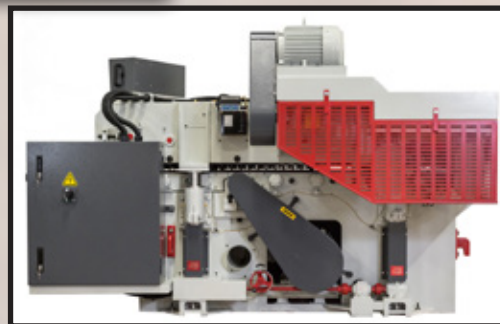
Waste Hoppers

- 1/4yd - 12yd hoppers available
- Open ended models for strips
- Trap door models
- Economy to super duty ratings
- Bump and dump release
- Left handed releases
- Custom built models



1 Sided Single Surface Planers

- 20" - 55" wide models
- 5HP - 75HP models
- Helical cutterheads
- Digital positioning controls
- Adjustable bed rollers
- Extended infeed and outfeed
- Plastic series available



2 Sided Double Surface Planers

- 16" - 52" wide models
- Up to 24" height capacity
- Cardan shaft and chain drive feeds
- 15HP - 75HP head motors
- Feed speeds up to 150fpm
- Green lumber models
- Roll feed and carpet feed models
- Custom widths available



4 Sided Surface Planers

- 20" x 25" product capacity
- 5/8" - 20" working thickness
- Chamfering heads available
- Pull out heads
- Infeed and Outfeeds available
- Custom widths available



Jointers

- 12" - 20" models
- Up to 10HP
- Heavy duty with extended infeeds
- Precision surfaced bed plate
- Helical cutterheads

Copy Shapers

- Single & Double table models
- 24" - 80" tables
- Internal and external models
- Barrel head rounders
- Hopper feeds
- Automatic feeds and discharge



End Matchers

- Manual and automatic models
- Up to 25,000sf/shift
- 1.5" - 12" capacities
- Through feed models
- Stationary single pass units



Moulders

- 4 - 11 spindles
- 1/2" - 25" widths capabilities
- Speeds up to 1,000ft/min
- Groove bed models
- Fully jointed models
- Fully illuminated sound enclosures
- 6,000 RPM - 10,000 RPM spindles
- 1.25" / 40mm / 1-13/16" / 50mm / 2.25", HSK spindles
- Digital positioning heads
- Custom configurations available
- Slat moulders
- Splitting options
- Dowel rod moulders





Round Rod Machines

- 3/8" to over 3" capacities
- Single and double head models
- 13" part length minimums
- Models for wood, plastic or acrylics
- Wood threaders
- Stake makers
- Dowel Rod machines



Routers

- 21", 25", 29" overarm models
- Multi depth set stops with micro adjustments
- Tilting table +/- 45°
- 1/4", 3/8", 1/2", 5/8" collets
- 10,000RPM / 20,000RPM
- Variable spindle speed options
- 7.5HP & 10HP units
- Dust guards



Shapers

- 5HP - 15HP models
- Single and double spindle
- Sliding tables
- Tilting spindles
- Digital positioning
- Foot brakes and locks
- Heavy duty vibration free construction
- Reversible rotation
- Multi speed RPM
- Outside fences

Shapers-HSK

- 10HP and 15HP models
- Single and double spindle models
- Sliding tables
- Digital positioning
- Inverter controlled spindle speed
- Heavy duty vibration free construction
- Reversible rotation



Tenoners-Double End

- 2.75" - 240" part lengths
- 4 to 12 station models
- Loading / Unloading systems
- HSK spindles available
- Programmable controls with auto positioning
- Needle bearing feed chain linkage
- Custom models available





Tenoners-Single End

- Custom configurations
- HSK spindles available
- Programmable controls with full auto positioning
- Needle bearing feed chain linkage
- Dual chain and race options
- Return conveyance
- Shuttle style returns

Curved Parts Sanders

- 4 Sided Edge Sanders
- 1/4" - 5" working diameters
- Bent wood sanding



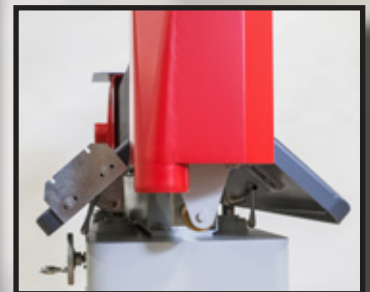
Distressing Sanders

- 1 - 8 head distressing brush sanders
- 6" - 51" width options
- Steel heads
- Nylon silicon carbide heads
- Reversible rotation
- Digital elevation control



Edge Sanders

- 6", 9", 12" and 16" tall belt models available
- 36", 48", 60", 72" wide platens
- Electric oscillation
- Heavy duty cast iron frames
- 5HP - 10HP
- Single and double tables with tilt 0-45°
- Adjustable end table with tilt 0-45°





Milling Planer Sanders

- Ideal for short part and end grain work
- Great for knotty wood
- Rotary milling heads are ideal for tear out sensitive products



Moulding Brush Sanders

- Custom belt and brush combination up to 20 heads
- Sand or denib any profile or part
- Wheel, belt, brush, and profile sanding options
- Tilting heads
- Track heads available
- Reversible rotation



Panel Brush Cleaners

- 24" - 72" widths
- Single and double sided
- Variable speed controls
- Manual and digital height positioning
- Custom sizes for existing lines

Planers Sanders

- 2 or 3 head models
- 24" - 65" width capacities
- Helical cutterheads with 30 x 12 inserts
- Heavy duty and extremely well built
- Pull out planer head



Profile Sanders

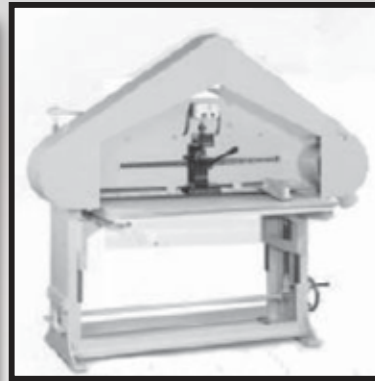
- 24" - 52" models
- Inverter controlled rotations
- Seamless feed mats
- Easy change 2 sided media
- Belt and brush designs



Rod Sanders

- Single and double heads
- 1/4" - 5" working diameters
- Adjustable feed speed
- True centric sanding
- Automatic round rod feeders





Stroke Sanders

- 36" - 72" widths
- Metal and wood applications
- Manual and automatic stroking



Wide Belt Sanders

- 2 to 5 heads
- 24" - 65" widths
- Top and bottom models
- 75", 85", 103" belts
- Mid range to heavy duty sanders
- Segmented platens
- Cross belts
- Fixed pass line



Bandsaws-Horizontal

- 12" - 24" width models
- 3/4" - 2" band widths
- Twin band options
- Up to (4) head resaws
- Stacked 2 head resaws
- Tilttable
- Return systems
- Precision lamella saws



Bandsaws-Vertical

- 24" to 32" diameter wheels
- 1/4" - 2" blade widths
- Up to 16" height capacities
- 22" - 31" throat capacities
- Automatic feeders
- Tilting tables
- CNC models



Beam Saws

- 8', 10', 12' models
- Front and rear load options
- Manual and automatic stop positioning
- Chain feed or rack and pinion feed models
- Up to a 10" thick cut



Defect Saws

- Mark and cut defecting saws
- Speeds up to 700fpm
- Touch screen operation
- Semi optimizing software for higher yield return
- Outfeed sorting lines
- Feed through and push feed





Frame Saws

- Up to 16 blades per frame
- Tolerance of .005"
- Up to 12" tall parts
- Lowest vibration machine on the market



Gang Rip Saws

- 12" - 60" wide arbors
- Dip chain models
- Roll feed and bottom arbor models
- Movable blades
- Speeds up to 192' minute
- Glue line rip capable
- Laser guides
- Cardan shaft feeds



Miter Saws

- Single and double blade models
- Variable angle positioning
- +/-60deg cuts
- Safety enclosures
- Double palm or foot pedal operation

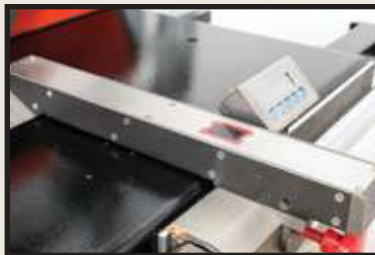
Panel Saws

- 8' / 10' / 12' Tables
- Auto positioning and manual models
- Top arm guarding
- Up to a 5" thick capacity



Radial Arm Saws

- Up to 12" thick cut
- Models up to 144" stroke
- Manual and Automatic cycle and return models
- Tilttable and rotatable head
- Single and three phase models



Award Winning Fence



Straight Line Rip Saws

- 12" - 20" blade models
- Top and bottom arbor models
- 10HP - 25HP models
- "True Track" chain and race
- Up to 6" cutting capacities
- Zero edge strip hogger blades
- Heavy duty cast construction
- 16' glue line rip guaranteed
- 2019 AWFS Visionary Award Winning touch activated fence



Table Saws

- 10" - 16" diameter blades
- Up to 10HP
- Right and left tilt
- Up to 5" thick cut
- Sliding table
- 2019 Visionary Award Winning touch activated fence



Up Cut Saws

- 14", 18", 20", 24", 30", 36" blade models
- 12" x 12" to 1" x 28" cut capacities
- Wood, aluminum, plastic
- Angular series available in 20" and 24"
- Quick blade height adjustment
- Heavy duty construction
- Industry leading safety features
- Right and left hand feed
- Pneumatic or air/hydraulic operation
- Double palm buttons or foot pedal operation
- Industry leading dust control

Cross Cut Clippers

- European safety standards
- Rigid welded machine body
- Simple operational controls
- Double palm operation



Edge Reinforcement Machines

- Adjustable infeed and taping pressures
- Laser guided
- Left or right hand models available
- Roll knife trimming for smooth continuous cutting
- Inline or stand alone



Fanning Machines

- Spreads freshly glued veneer bundles for curing
- Adjustable fanning angle
- Continuous variable speed control on both belts
- High production capacity



Glue Applicators

- Double side applicator
- High volume application
- User friendly touch screen
- Automatic bundle sizing
- Self positioning glue heads





Guillotines

- Single or double knife operation
- Precision pack beam hold down
- Exact parallel cutting
- Second cut technology to eliminate veneer tear
- Savi engineered design
- Optional glue applicator head



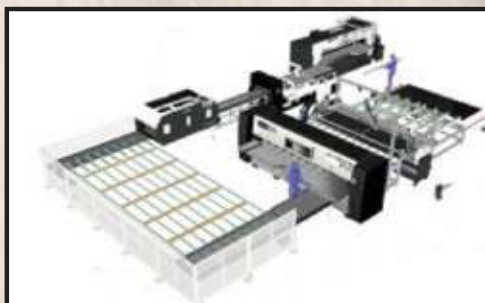
Splicers

- Crossfeed and longitudinal models
- Multi hold down pressure feeding
- Easy veneer feed and alignment
- Narrowed heat zones
- Rigid welded machine body
- High volume production
- Outfeed stacking systems



Trimmers

- Spiral cutterhead
- Floating glue head for more even application
- High efficiency dust control
- Adjustable cycle range for quicker cycles



Turn Key Veneer Systems

- Full turn key systems
- Existing partial line upgrades
- Only factory in the world able to provide entire veneering systems

Boring Heads

- Any configuration for any make or model



Flexible Dust Hose

- 100mm - 355mm diameter (4" - 14")
- .5mm - 1.5mm (.02"-.06") wall thickness
- 25ft and 50ft rolls
- Spiral steel reinforced
- High temperature and food grade series available



Seamless Wide Belt Feed Mats

- For any make or model
- Any hole pattern
- All standard tread patterns
- Short lead times



Tooling

- Replaceable carbide inserts
- Crosscut saw blades
- Bandsaw blades
- Frame saw blades
- Rip saw blades
- Moulder heads

Sales, Parts and Service you can depend on.

“Our focus has been on the growth of our parts and service department because we understand the value of having a partner you can depend on. Now with 24/7 online parts purchasing, technicians stationed coast to coast, a (12) bay in-house service department and an impressive inventory of over 100,000 parts; we are that partner you can depend on.”

– **William Prousa**; VP Parts & Service



*“If you need a machine and don’t buy it,
then you will ultimately find that you have
paid for it and don’t have it.”*

– **Henry Ford**

Northtech's 40 Year History...

Beginning as a thought in 1979, two friends became partners and started a company in a small corner office of Bargain Supply Company, a hardware and tool supply house in Louisville, Kentucky. Word moved fast about this new company offering a more rugged and dependable grade of machinery for hobbyists and the Do-it-Yourself (DIY) market. It took just a few short years to discover that the same demand existed in the industrial division of woodworking machinery. In the mid 80's they began to offer industrial woodworking machinery as well as continue to offer machinery for the hobbyist and DIY market. A cross road in 1992 steered the company to an almost exclusively classical solid wood industrial machinery offering, which has been the foundation of Northtech ever since. In 1994 the decision was made to relocate across the street to Northtech's own 30,000sf building. This new space allowed for a much needed parts and service department, which rocketed Northtech Industrial Machinery into other industries outside of woodworking. Often stocking over 800 new and used machines, Northtech grew into these other areas such as metal working and plastic machinery steadily. Over the next two decades Northtech became a staple in factories of all sizes across America, and in 2016 the Northtech name was acquired and reorganized by the Koetter family of Starlight Indiana. Being the second and third generation of a family-owned woodworking business that started in 1959 just a few miles from Louisville, the Koettters had already partnered with Northtech for over 25 years on machinery. This partnership made Northtech one of the primary machinery suppliers in what grew to be an almost 800,000sf woodworking powerhouse in the Midwest. Along with this new leadership, machinery experience and energy came, the third building to showcase a Northtech logo. Northtech Machine LLC's new home is inside the former 398,000sf Kimball International woodworking facility in Borden, Indiana. This new space ensures Northtech's ability to provide our current and future customers dependable machinery that is backed by an industry leading parts and service department for generations to come. Now, the Koettters are dedicated to providing our customers with the same machinery and after sale service they wanted when they were the customer.



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www.NorthtechMachine.com



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