



This guide covers a wide variety of machinery including equipment for pallet manufacturing, pallet recycling, sawing, grinding, and other products and services. **Time for an Upgrade!** Find the piece of equipment you need to boost production. We list suppliers, their websites, a brief description of one of their videos, and the link to the video.

To access videos, visit the online guide at www.palletenterprise.com/videoguide

Cutting Tools

Profile Technology

www.profiletech.com

Profile Technology Inc. is a manufacturer and supplier of custom-designed and engineered cutting tools built for the primary and secondary wood industry. It provides cutting solutions for green and dried softwood and hardwood, frozen wood, and recycled wood.

www.youtube.com/watch?v=7uscDV66Sd8



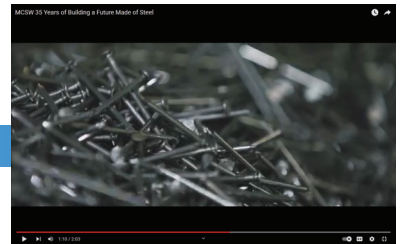
Fasteners and Nailing Tools

Mid-Continent Steel & Wire

<https://mcswwusa.com/>

Video celebrates Mid-Continent's 35th anniversary showcasing its Missouri nail manufacturing plant. Known for its Magnum® fasteners and pneumatic tools, Mid-Continent is the largest domestic manufacturer serving the pallet and crating market with a complete assortment of machine quality bulk pallet nails, collated nails, staples, screws and hand-drive bulk nails.

https://www.youtube.com/watch?v=h96JZ_ff07M&t=38s



Legacy Fasteners

www.legacyfasteners.com

Legacy Fasteners manufactures machine quality bulk nails and wire collated pallet nails. It distributes staples and pneumatic tools to support its fastener program.

www.youtube.com/watch?v=XrxGfTEe6qs



Grinders and Shredders

Boulware Equipment

www.boulwarellc.com

Boulware Equipment specializes in turnkey pallet scrap grinding systems and dust collection systems. It is a dealer for new Cresswood grinders and also used and rebuilt grinders from other manufacturers. Video testimonial by Atlanta Pallets about purchase and installation of a rebuilt grinding system.

www.youtube.com/watch?v=v0Q_5VBWd04



Cresswood Shredding Machinery

www.cresswood.com

Cresswood manufactures grinding systems for wood material and pallets that include material handling, infeed and outfeed solutions, metal separation, and trailer/container loading. Video shows Cresswood Model HF-60LR low RPM wood shredder processing blocks, pallets, and a variety of materials.

www.youtube.com/watch?v=IQFeNc7jJwI



Grinders and Shredders

Rotochopper

www.rotachopper.com

Tad Hegsted, owner of Challenger Pallet and Supply, discusses how Rotochopper EC-366 electric grinder and loading system helped increase efficiency and reduce waste. The company uses the Rotochopper to grind scrap pallets to produce animal bedding. https://www.youtube.com/watch?v=et8ZFGLAw_I



Material Handling Equipment

Automated Industrial Technologies

www.autoindtech.com

AIT designs and manufactures automation machinery for the wood pallet industry and other industries. Video demonstrates the AIT Up and Over Singulation Conveyor. www.youtube.com/watch?v=ajhm-3uOCgg



Pallet Assembly Systems

Bronco Pallet Systems

www.broncosys.com

Bronco Pallet Systems manufactures block and stringer pallet assembly systems and pallet recycling and sorting systems, including inclined jigs to nail pallets manually as well as automated systems. www.youtube.com/watch?v=kWfWNFSDs10



Midwest Machinery & Automation

www.woodpeckermachine.com

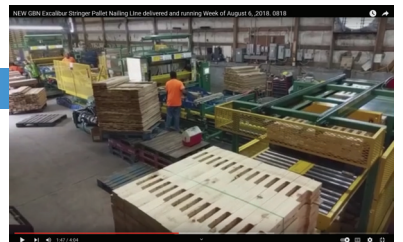
Exclusive distributor of Woodpecker pallet nailing machines and the MASTER Recycler, which assembles pallets made of 100 percent recycled lumber. Vimeo site features videos of several different pallet nailing machines. www.vimeo.com/user78833622



GBN Machine & Engineering Corporation

www.nailerman.com

GBN manufactures block and stringer pallet nailing machines, pallet stackers, lumber stackers, and branders. Video demonstrates a GBN Excalibur stringer pallet nailing machine. www.youtube.com/watch?v=4Un1yrzHu_0&t=142s



Pallet Machinery Group

www.palletmachinery.com

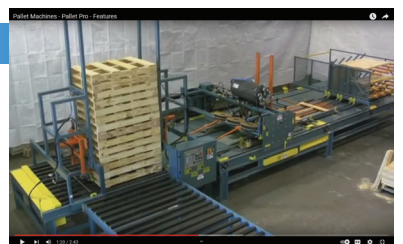
Pallet Machinery Group offers block and stringer pallet nailing systems, center split resaws, board stackers, and robotic and automation equipment. The LZ2000 Pallet Nailer can assemble upwards of 1,800 pallets per shift. www.youtube.com/watch?v=f0CVc764XUE



Rayco Industries

www.raycoindustries.com

Rayco Industries manufactures a complete line of semi-automatic pallet nailing machines that use collated nails. Video explains the features of the Rayco Pallet Pro, the company's flagship pallet nailing machine. www.youtube.com/watch?v=QpMnUh6MO50&t=41s



Pallet Assembly Systems

STORTI

www.storti.it/en

Storti manufactures complete plants to process wood from logs to finished pallets and mats. Block and stringer pallet nailing machines are just one portion of the wide range of machinery produced. Video shows a Storti line assembling block pallets.

www.youtube.com/watch?v=JZctWjs0i6c&feature=youtu.be

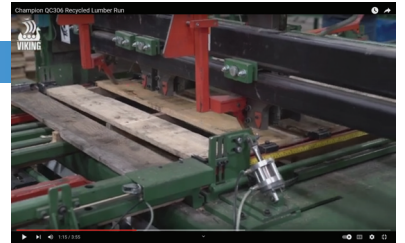


Viking Engineering & Development

www.vikingeng.com

Viking Engineering manufactures automated pallet assembly systems and supplies bulk nails. Video showcases Viking's Champion QC306 machine compatibility with recycled lumber.

www.youtube.com/watch?v=NfaWIYebNg0

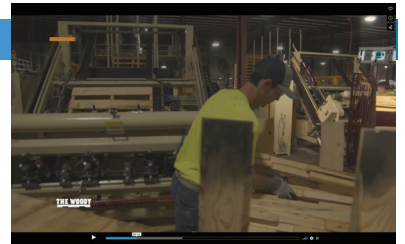


Viper Industrial Products

www.viperindustrialproducts.com

Viper Industrial supplies pallet nailing machines, nailing tools, and coil nails and machine quality bulk nails. Link is to two videos illustrating features of the Viper Woody nailing machine and an introduction to Viper Industrial Products.

<https://vimeo.com/user55914354>



Pallet Recycling Equipment

Alliance Automation

www.allianceautomation.com/pallet-industry

Alliance Automation is an industry leader in automation equipment for pallet recycling. Its Robotic Pallet Dismantler, Urban Sawmill, and pallet repair & sortation equipment have helped to automate the pallet recycling industry. Video shows automation equipment in action from dismantling pallets, scanning recycled boards for length, width and thickness, and optimizing and trimming boards, and sorting and repairing pallets.

www.youtube.com/watch?v=ie0sAPOF728

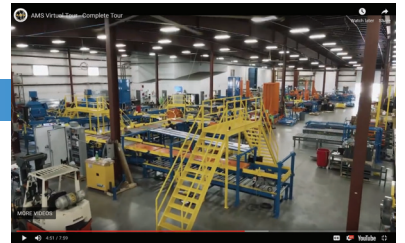


Automated Machine Systems

www.automatedmachinesystems.com

Automated Machine Systems provides turnkey manufacturing of automation supporting pallet sortation, repair, stacking, dispensing, painting and stenciling, and washing, along with robotic solutions.

www.automatedmachinesystems.com/virtualtour



PRS Group

www.prsgroupinc.com

PRS Group specializes in engineering and manufacturing machinery solutions for the pallet and industrial wood products industries. The company also represents CAPE, a Spanish company that manufactures automated pallet nailing machines. Video introduces the PRS Auto-Max Super Saw, optimized trim saw line for processing recycled pallet boards.

<https://youtu.be/m1ECNWQWPu4>



Smart Products

www.palletrecyclingequipment.com

Smart Products manufactures and supplies machines and systems for pallet recycling and lumber recovery, including pallet dismantlers and dismantling systems, pallet prep equipment, trim saws, notching machines, and more. Video shows dismantler system consisting of one-person dismantler integrated with conveyor and single-end power-feed trim saw for fast production of recycled boards.

www.palletrecyclingequipment.com/pallet-dismantlers/pallet-dismantler-system



Pallet Recycling Equipment

Universal Machinery Sales

www.universalmachinerysales.net/index.html

Universal Machinery Sales offers machinery for the pallet industry, including pallet disassemblers, stackers, trim saws, resaws, nailing machines and much more. The video illustrates a Run-A-Gade disassembler in operation.

www.youtube.com/watch?v=aJtF4t0CWlg&t=1s



Saws/Wood Processing Equipment

Baker Products

www.baker-online.com

Baker Products manufactures a complete line of sawmill equipment to process logs into lumber, including complete systems, sawmills, edgers, band resaws, notchers, scragg mills, and more. Video is a basic tour of the company's main plant in Ellington, Missouri.

www.youtube.com/watch?v=F-LFgXH7t0g&t=6s

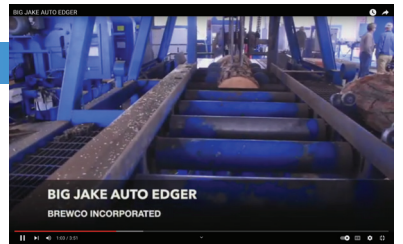


Brewco

www.brewcoinc.com

Brewco supplies equipment for the pallet, grade lumber, crosstie, and barrel stave industries, including the Brewco Timberland Big Jake Scragg and Big Jake Auto Edger. Video shows the Big Jake Auto Edger in action.

www.youtube.com/watch?v=ioGBC-42zVw



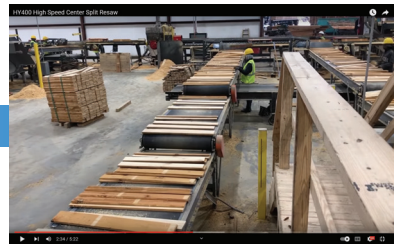
Saws/Wood Processing Equipment

Pallet Machinery Group

www.palletmachinery.com

Pallet Machinery Group offers center split resaw equipment and other sawmill machinery and represents the Storti and West Plains Resaw brands of sawmill equipment. Video shows the HY400 high-speed center-split resaw in action.

www.youtube.com/watch?v=-7z-8zz63k8&t=77s



West Plains Resaw

www.westplainsresaw.com

West Plains Resaw Systems manufactures heavy-duty band resaws and material handling equipment for the grade lumber and pallet industries. Video shows 500 Series grade resaw in action.

www.youtube.com/watch?v=0HV3G6CNd2Q



Unit or Package Saws

Holtec

www.holtecusa.com

Holtec manufactures systems that are used to cut whole bunks of lumber to length with precision. Link is to Holtec website page with videos about different systems.

www.holtecusa.com/media



Saws/Wood Processing Equipment

Brewer Machine and Parts

www.brewermach.com

Brewer offers heavy-duty equipment for manufacturing grade lumber, pallet components, rail ties, and barrel staves. Video shows the Brewer VI double-head notching machine in action.

www.youtube.com/watch?v=QswP2LMDVtE



Go Fast Manufacturing

www.gofastmfg.com

The Go Fast CS2 Series chop saw will add to any operation with its sturdy construction, quick cycle time, and simplicity. The CS2 is available in two models for manual or push-button operation with multiple configurations and options to choose from.

www.youtube.com/watch?v=VlzXoQg5S8c

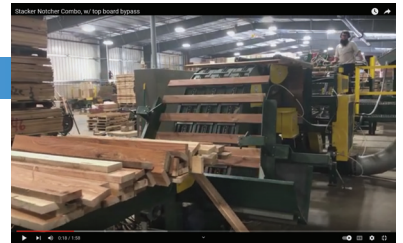


Pendu Manufacturing

www.pendu.com

Pendu Manufacturing produces standard and custom automated machinery for the pallet, sawmill, railway tie, log home, and other industries. Video demonstrates the Pendu Notcher/Stacker/Combo with top board bypass with model 6700PB high speed notcher and model 4700 high speed stacker.

www.youtube.com/watch?v=q7j1I24mk9U



Unit or Package Saws

L-M Equipment Co. Ltd.-CANADA

www.lmsaws.com

L-M Equipment Co. (CANADA) is a leading manufacturer of package crosscut saw systems. Video shows features and performance of Model HMPC-7-24 traveling arch saw.

www.youtube.com/watch?v=r94-noZCRnU&t=4s

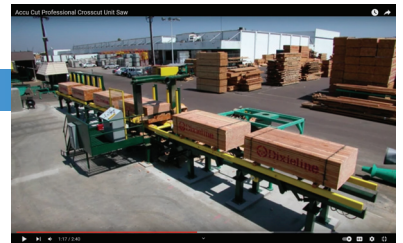


Pacific Trail Manufacturing

www.ptmi.net

Pacific Trail Manufacturing provides crosscut unit saws for cutting packages of lumber to length and deck saws for bucking logs to length. Video explains the features of Pacific Trail Accu-Cut, the company's most sophisticated crosscut unit saw.

www.youtube.com/watch?v=0wir4xDLodY&t=3s



Saw Blades/Sales and Service

WIKUS Saw Technology Corp.

www.wikussawtech.com

WIKUS manufactures high-quality band saw blades for special applications in wood processing and other industries, check out the 34SPECIAL Pallet Dismantling blade. Video explains features and benefits of WIKUS Marathon® M42 universal bimetal bandsaw blade for metal cutting applications.

www.youtube.com/watch?v=sODKdyqw-fc



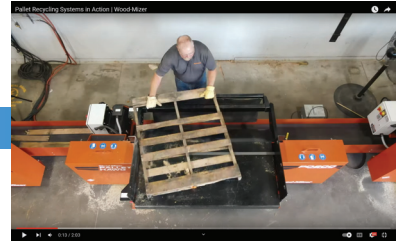
Saw Blades/Sales and Service

Wood-Mizer

www.woodmizer.com

Wood-Mizer is a leading wood processing equipment company offering narrow band portable and industrial sawmill equipment, resaws, edgers, planer-moulders, pallet dismantlers, and bandsaw blades and blade maintenance equipment. Video illustrates Wood-Mizer machines for dismantling pallets and reclaiming and trimming used lumber.

https://www.youtube.com/watch?v=YoX72N_iEZk



Specialty Equipment, Products and Services

Air Burners

www.airburners.com

Air Burners offers air curtain incinerators to eliminate wood debris, including whole pallets, logs, and stumps without hauling or grinding. Video shows demonstration of an Air Burners FireBox burning scrap pallets.

www.youtube.com/watch?v=yg_kNGOk2PM



FastMat Inc.

www.fastmatusa.com

FastMat manufactures a machine to automate the process of drilling holes in timbers in order to fasten them together to make mats for cranes and other applications. Video shows the FastMat Crane Mat Drill in operation.

www.youtube.com/watch?v=Pn03kFNzi2E



Specialty Equipment, Products and Services

HUB Industrial Supply

www.hubindustrial.com

HUB Industrial Supply offers pallet dismantling blades and other parts and supplies for the pallet industry, including PPE and MRO items such as belts, bearings and fuses.

<https://youtu.be/96EpLFneQd8>



Iron Bull Mfg.

www.ibullmfg.com

Iron Bull Manufacturing makes a full line of scrap hoppers for any type of application. Video shows various applications and operation of Iron Bull self-dumping hopper

www.youtube.com/watch?v=IFMi-671pS4

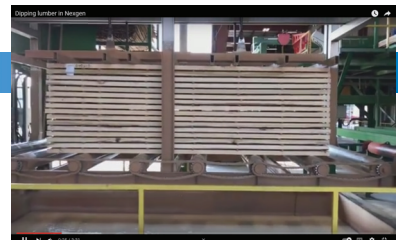


ISK Biocides

www.iskbiocides.com

ISK Biocides offers a full line of mold control products for wood pallets. Video shows dipping lumber in the ISK Biocides NeXgen® product to brighten wood while providing control of sapstain and mold fungi.

www.youtube.com/watch?v=-vQ34Cw6u3c



Specialty Equipment, Products and Services

J&J Machinery

www.jandjmachinery.com

J&J Machinery specializes in upgrading pallet nailing machines with modern operating systems and offers proven hardware and software for any machine. Video shows a nailing machine retrofitted to assemble pallets made of new and used lumber and equipped with the J&J machinery Smart Turner.

www.youtube.com/watch?v=ryLKy70VikM



Litco International

www.litco.com

Litco specializes in molded wood pallets, core plugs, and extruded blocks. All products have high impact resistance and meet ISPM-15 requirements. Video explains manufacturing process of the company's engineered extruded wood blocks, which are used in block pallets.

www.youtube.com/watch?v=IXlaKSSB5aA

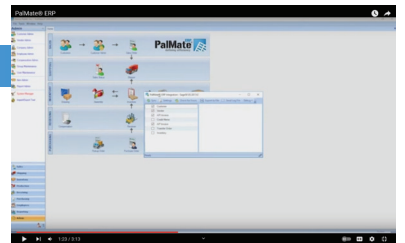


The PalMate Group

www.thepalmategroup.com

The PalMate Group offers solutions for the pallet and lumber industry through software like PalMate ERP as well as other software products and technology. The video below is an overview of PalMate ERP.

www.youtube.com/watch?v=9ZYCJQH4ebk&t=13s



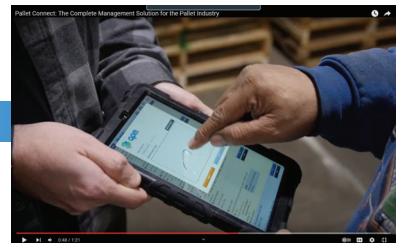
Specialty Equipment, Products and Services

Pallet Connect

www.palletconnect.com

Pallet Connect offers cloud-based Enterprise Resource Planning (ERP) management software for the pallet industry to help manage and connect customers, vendors, warehouse and financials in real time while simplifying workflow. Video is an overview of the Pallet Connect system.

www.youtube.com/watch?v=jiJEZKI5Qps



Simpson Strong-Tie

www.strongtie.com

Simpson Strong-Tie offers a wide range of collated and hand-driven lag-replacement screws for assembling pallets and crates. Video is an overview of Simpson Strong-Tie product offerings.

www.youtube.com/watch?v=-WxWkA6vIRU



White & Company

www.whiteandcompany.net

White & Company is a consulting and software development firm specializing in pallet and unit load design optimization and structural analysis for supply chain efficiency. The following video provides a demo of the Best Pallet™ software used to design wood pallets. White & Company also offers a full unit load design software, Best Load™.

www.youtube.com/watch?v=xAC-fW8lIXk

