

SEPTEMBER 2017

We'd like to invite you to celebrate the breadth and quality of products made right here in the Flathead Valley during Flathead Manufacturing Month, our local series of events surrounding National Manufacturing Day.

The manufacturing industry plays a substantial role in the Flathead Valley economy, and manufacturing has the highest earnings concentration of any industry sector in the Flathead at over 50% of the national average, according to the Bureau of Business and Economic Research at The University of Montana.

This exciting, dynamic industry boasts local manufacturers in the areas of computer equipment, energy, communications, machined products, medical devices, pharmaceuticals, wood products, firearms, and food and beverage. No matter what you're passionate about, there's bound to be a facility tour over the next month that sparks your interest.

From learning about the firearms we use for hunting and the machines used to make our smartphones, to tasting the finest honey yogurt or craft beer, Flathead Manufacturing Month is a time for students, parents, educators, media, customers, suppliers, and entire community to enjoy all the Flathead has to offer.

In addition, to support the workforce in this rapidly growing industry, the members of our Manufacturers Alliance have joined together to offer two scholarships, totaling \$2,000 to students in the occupational trades programs at Flathead Valley Community College.

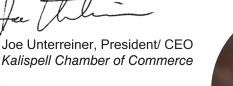
Flathead Manufacturing Month is presented by:



In Association with: Gold Sponsors: Applied Materials, Daily Inter Lake, Defiance Machine, Proof Research Silver Sponsor: Glacier Precast Concrete Bronze Sponsors: F.H. Stoltze Land and Lumber, Weyerhaeuser

With Warm Regards,









Mike Nye, Applied Materials Chairman of the Manufacturers Alliance



Ц О CALENDAR

THURSDAY, SEPTEMBER 21

8:30 – 10:00am - Thinking Thursday: Workforce Retention Seminar Hosted at the Kalispell Chamber of Commerce

MONDAY, OCTOBER 2

5:00pm - Flathead Lake Brewing

TUESDAY, OCTOBER 3

3:00pm - Weyerhaeuser 4:00pm - Weyerhaeuser 5:00pm - Whitefish Handcrafted Spirits

THURSDAY, OCTOBER 5

11:00am - Kalispell Kreamery 1:00pm - Bio-Energy Systems 2:00pm - Bio-Energy Systems 2:30pm - Proof Research 3:00pm - Aluma Glass 4:00pm - Aluma Glass 5:00pm - Glacier Sun Winery

FRIDAY, OCTOBER 6

8:30am - Colter Coffee Roasting 10:00am - Defiance Machine 11:00am - Applied Materials 1:00pm - Nomad Global Communication Solutions 2:30pm - Glacier Pre-Cast Concrete 3:30pm - Northern Plastics Inc. 5:00pm - Kalispell Brewing Company

THURSDAY, OCTOBER 12

8:30 – 10:00am - Thinking Thursday: Career Path Development Seminar Hosted at the Kalispell Chamber of Commerce

THURSDAY, OCTOBER 19

12:00 - 4:30pm - Flathead Timber Tour: Weyerhaeuser and F.H Stoltze Land & Lumber Busses Depart from the Kalispell Chamber of Commerce

WEDNESDAY, OCTOBER 25

5:00 - 6:30pm - Open House for Applied Materials' 50th Anniversary and LC Staffing

HURRY, SPACE IS LIMITED!

Some tours will not accept walk-ins! Sign up for the tours ahead of time by registering at www.kalispellchamber.com/manufacturing or by calling the Kalispell Chamber of Commerce at (406) 758-2803

MAR TOURS

FLATHEAD LAKE BREWING

Monday, October 2, 5:00pm 116 Holt Drive, Bigfork

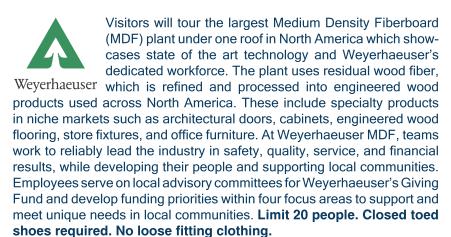


Brewmaster, David Brendgard, will lead you through Flathead Lake Brewing's state of the art brewing facility and the sustainable, environmentally friendly aspects of the system. Additionally, David will also discuss FLBC's barrel aged beer program. **Closed toed shoes required.**

The Flathead Lake Brewing Company started in 2004 in Woods Bay, and naming the brewery wasn't hard, considering the original FLBC overlooks the shores of Flathead Lake. Over the first few years, people liked FLBC beer so much that to keep customers happy they needed a larger brewing space. By 2015 the second, much larger brewing facility opened and began production in Bigfork. Unique to FLBC is their commitment for high quality beer produced with the least amount of environmental impact, having built their modern facility with reused materials, solar energy, and waste collection systems.

WEYERHAEUSER

Tuesday, October 3, 3:00 and 4:00pm 105 Mills Drive, Columbia Falls



For more than a century, Weyerhaeuser has been growing trees and making forest products that improves lives in fundamental ways. Weyerhaeuser's wood products are used to build homes where families are sheltered and raised, while their land forms the building blocks of responsible development, and their forests are used for recreation, conservation, and different forms of renewable energy. Weyerhaeuser is a strong supporter of the Sustainable Forestry Initiative (SFI) and believes it is a consistent, science-based standard that allows them to offer a reliable supply of quality, responsibly sourced products at competitive prices.

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WHITEFISH HANDCRAFTED SPIRITS

Tuesday, October 3 at 5:00pm 2134 US HWY 2 E



Visitors to Whitefish Handcrafted Spirits will be able to see the entire distilling process of valley's finest spirits, seeing both the smaller still in action as well

as the larger pieces of equipment up and running. Take a chance to taste the hearts of the spirits as they make their way through the fermentation and distilling process from start to finish before spending time in Whitefish Handcrafted Spirits' new comfortable, old-timey tasting room.

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KALISPELL KREAMERY

Thursday, October 5, 11:00am 480 Lost Creek Drive, Kalispell



Starting at the source, you will have the opportunity to walk through the process Kalispell Kreamery milk takes, all the way from the cow to the shelf.

You will have the opportunity to sample milk and some of their famous yogurt. Please remember, Kalispell Kreamery is a working farm so come prepared to be outside and wear shoes that may get a bit dirty, depending on the weather. **Please dress for the weather**.

Kalispell Kreamery and Hedstrom Dairy produce, process, bottle and distribute all-natural, cream-on-top milk throughout Montana. The vertically integrated family business uses creative and innovative methods to keep the last dairy farm in the Flathead Valley alive. By practicing sound

animal husbandry, maintaining high-quality milk practices, and using a variety of marketing techniques Kalispell Kreamery continues to provide completely natural dairy products that include cream-on-top whole milk, reduced fat milk, skim milk, half and half, heavy cream, and since they're the only yogurt manufacturer in Montana, yummy yogurt.

BIO-ENERGY SYSTEMS

Thursday, October 5, 1:00 and 2:00pm 1930 HWY 2 W, Kalispell



Ever wonder how your vitamins are manufactured? On this tour you will learn how the raw materials that are used in your supplements are sourced, tested, put into capsules, bottled, and packaged for shipping. Bio-Energy Systems follows all FDA guidelines and adheres to strict industry standards. Space is limited so be sure to register! Limit 10

people. Closed toed shoes and long pants are needed, no jewelry or cell phones please. All individuals touring will be required to wear hair nets, and beard covers (if needed).

Bio-Energy Systems, Inc. is a contract manufacturer and packager of natural supplements, specializing in the use of Probiotics and Enzymes, formulation, raw-material procurement, product enhancement, and turnkey private label products. Bio-Energy Systems can produce capsules and powders in many configurations with their top-of-the-line equipment and large variety of raw ingredients.

PROOF RESEARCH

Thursday, October 5, 2:30pm 10 Western Village Lane, Columbia Falls



PROOF You will get to visit PROOF's 100 meter indoor test facility and see a world-class manufacturing operation with the finest tools and staff for making carbon

fiber and stainless steel barrels, carbon fiber stocks, and complete precision rifles, fully experiencing the barrel manufacturing process from start to finish. Limit 25 people. Each individual must be a U.S. citizen with official US identification and must complete a non-disclosure agreement prior to the tour. Closed toes shoes are required, eye protection will be provided, and photographs are not permitted. Strictly limited to the first 25 people who sign up with the Kalispell Chamber.

Located between Kalispell and Columbia Falls, PROOF Research is a science-based company that has brought together the finest minds, experience, and innovations in the industry to produce truly game-changing products-stainless steel barrels, carbon fiber barrels, and complete rifle systems that are lighter, more durable, and more accurate than anything else on the market. PROOF's state-of-the-art facilities include a millionframe-per-second high-speed camera, a ballistic lab, FLIR thermalimaging infrared camera, and indoor test ranges rated to .50 BMG. Today the PROOF Research family has grown to over seventy team members representing countless years of experience in the firearms and advanced composite materials industries.

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ALUMA GLASS Thursday, October 5, 3:00 and 4:00pm 32 1st Ave W, Kalispell



This small but mighty facility will allow for a short tour of their powerful glass cutting operations, the making of insulated glass units, and their custom screens area. An exciting glass breakage demonstration will

also be done to show the difference between tempered glass and nontempered glass. Limit 20 people. Closed toed shoes required. Parking is limited to street parking.

Aluma Glass is the Flathead Valley's oldest glass, window, and custom home fixture store serving thousands of clients, contractors, and designers since 1954. They manufacture insulated glass units in-house and also custom cut glass and mirror to spec sizes. The company has grown from 4 employees to 12 in the last three years since the company changed ownership and are proud to carry on the tradition of great service, great pricing, and great products that Aluma Glass has been known for over the last 63 years. They are one of the largest certified Milgard dealers in the country and are proud to be diamond certified.

GLACIER SUN WINERY

Thursday, October 5, 5:00pm 3250 US HWY 2 E. Kalispell



During this unique winery tour, you can expect to see every aspect of Glacier Sun's wine making process, including how the grapes are crushed, where the fermentation happens, and the final bottling process.

A different spin on a winery, this distinctly Montana winery sources only their grapes from Washington, features local fruits from around Montana, is rapidly growing, and producing popular wines such as the Huckleberry Peach for retailers as big as Costco.

COLTER COFFEE ROASTING

Friday, October 6, 8:30am 25 Heritage Way, Kalispell - Walk into City Brew and turn right

After 12 years of roasting some of Montana's finest coffee Colter Coffee, was acquired by City Brew Coffee last year. City Brew has grown to over



20 locations throughout Montana, South Dakota, and Wyoming. Colter Coffee is the sister brand to City Brew Coffee, much like Seattle's Best Coffee is to Starbucks. **Limit 20 people. Closed toed shoes required.**

DEFIANCE MACHINE

Friday, October 6, 10:00am 3881 MT HWY 40 W, Columbia Falls

DEFIRMCE

Step out onto the shop floor to see where the nation's first-choice rifle actions are made. You'll be able to see the entire manufacturing process

from start to finish, see inside top-of-the-line CNC machines as they work, and learn how bolt actions are tested for complete accuracy. Limit 25 people. All participants must be a U.S. citizen with official ID, have no criminal convictions, and must complete a non-disclosure agreement prior to the tour. Strictly limited to the first 25 people to sign up with the Kalispell Chamber of Commerce.

Defiance Machine is a firearms manufacturer that has a worldwide reputation. Combining visionary design with precision manufacturing, Defiance produces customized bolt actions for shooters who want exceptional accuracy, including competitive shooters, hunters, military, and law enforcement.

APPLIED MATERIALS

Friday, October 6, 11:00am 655 Old Reserve Drive, Kalispell

As a global leader in providing nanomanufacturing technology solutions for the electronics industry, this tour will show how the company designs, develops, and manufacturers high performance and precision chemical processing equipment including: electrochemical deposition systems for electroplating copper, gold, solder, and other metals; and surface preparation systems for cleaning, stripping, and etching silicon wafers. The tour will highlight the Kalispell main facility which will include getting out onto the manufacturing floor, processing lab, and R&D area.

Applied Materials is the leader in materials engineering solutions used to produce virtually every new chip and advanced display in the world. Their expertise in modifying materials at atomic levels and on an industrial scale enables customers to transform possibilities into reality. Applied Materials innovations make possible the technology shaping the future. Limit 45 people. Closed toed shoes are required. All visitors will be required to sign in and will be provided a visitor badge and safety glasses. - On arrival, please park in the front of the building in the visitor parking, or in the first lot on the left and enter at the front entrance of the building.

NOMAD GLOBAL COMMUNICATION SOLUTIONS

Friday, October 6, 1:00pm 5414 US HWY 2, Columbia Falls



You will have the opportunity to tour Nomad's facility, learn about its technologically advanced solutions, and see numerous projects in various states of construction. From the machining, welding, and fabrication of vehicle

parts, to the integration of cutting-edge IT gear, the Nomad shop floor is a hive of activity. You'll see the Nomad TCV (Tactical Command Vehicle) that is changing the mobile command game, and you'll recognize many past customers on photos throughout the facility, including the U.S. Army, Air Force, and Navy, Flathead County Emergency Services, Army Corps of Engineers, Federal Aviation Administration, FEMA, Bureau of Indian Affairs, Palo Verde Nuclear Station, and many more. **Closed toed shoes required.**

Nearly two decades ago, Nomad GCS was founded by four friends who wanted to make a difference. Brothers Will and Seth Schmautz, along with fellow river raft guides Shane Ackerly and Clay Binford saw a need for improved connectivity to remote Montana wildfire lines. In 2002, the group built its first communications trailer in an old barn in the Flathead Valley and never looked back. Today, Nomad designs and manufactures the world's best-connected mobile command and communication solutions. From nimble tactical vehicles to comprehensive command centers (and all points between), the company provides best-in-class products for government agencies, utilities, law enforcement, military, first responders, and private companies. Whatever the mission, Nomad is committed to creating interoperable systems that work simply, and simply work. Every time... When Every Minute Matters.

GLACIER PRE-CAST CONCRETE Friday, October 6, 2:30pm 175 Alder Drive, Kalispell



During this tour, Glacier Precast will be stripping and pouring box culverts for the Going to the Sun Road Highway Project in Glacier National Park, sanitary and storm drain manholes for the new construction at Kalispell North Town Center, and Glacier Rail Park

projects. This tour is loud, exciting, and will feature many components of construction projects you've seen recently happening across the entire valley!

Glacier Precast has been in business since 1989. Owners Tom and Tammy Anderson purchased the business in 1999 and have grown the company to ship products all over the state of Montana and into southern Alberta. The current facility was completed in 2006 with an automated batch plant and 5 overhead cranes, pouring approximately 120 tons of concrete a day! Glacier Precast Concrete became the first National Precast Concrete Association Certified Plant in Montana in September of 2010 and also became Canada Standards Association certified in 2011. Limit 25 people. Closed toe shoes required. Safety glasses and hard hats will be provided by Glacier Precast. Some of the tour will be outdoors so please dress for weather.

NORTHERN PLASTICS INC. Friday, October 6, 3:30pm

1943 MT HWY 35, Kalispell

On this tour, get out onto the shop floor and can see injection-molding machines at work, turning tiny beads of plastic into the consistency of toothpaste and eventually into one of the dozens of products Northern Plastics is currently working to ship out.

Established in 1992, Northern Plastics makes everything from Counter Assault's bear proof food barrels, to water meter and manhole covers for various cities across the nation. Plastic injection-molding provides a lowcost, lighter alternative to dozens of products previously made of metal for companies such as Keytronics, Geospace, and Honeywell.

KALISPELL BREWING COMPANY

Friday, October 6, 5:00pm 412 S Main Street, Kalispell



Who doesn't love this great addition to Downtown Kalispell? You will be able to actually get out on Kalispell Brewing's production floor and see all of the brewing equipment in action, in addition to an overview of the entire brewing proations

cess and operations.

Kalispell Brewing Company opened its doors on June 19, 2014 and is Kalispell's first independent craft brewery. Housed in a former car dealership on Main Street, the 10-barrel brewery and tasting room is owned by the husband-wife team Cole Schneider and Maggie Doherty. Kalispell Brewing brews award-winning, handcrafted German style lagers and Northwest inspired ales, and is one of a select few Montana breweries that uses the triple decoction mash method for lagers. **Limit 30 people.**

THINKING THURSDAY SEMINARS



WORKFORCE RETENTION Thursday, September 21, 8:30 – 10:00 am

At Kalispell Chamber of Commerce

To be a better partner and resource to their client companies, LC Staffing conducted a survey of employers in all three of their branch locations (Bozeman, Missoula and Kalispell) in August this year. The purpose of the survey was to find out how their client businesses were faring in a tight labor market. What was driving companies to succeed: higher wage, better benefits, workplace culture, or something else?

In this seminar, LC Staffing will highlight the results of that study, as well as sharing some of the best practices for manufacturing workforce retention they have found in their 30+ years of experience in staffing and HR.

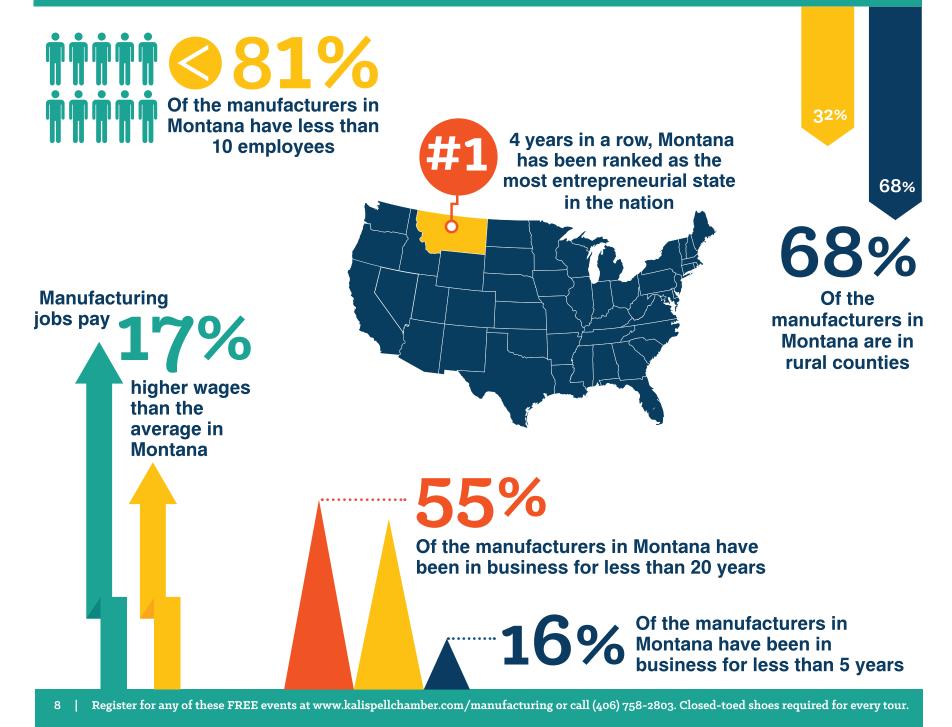
CAREER PATH DEVELOPMENT

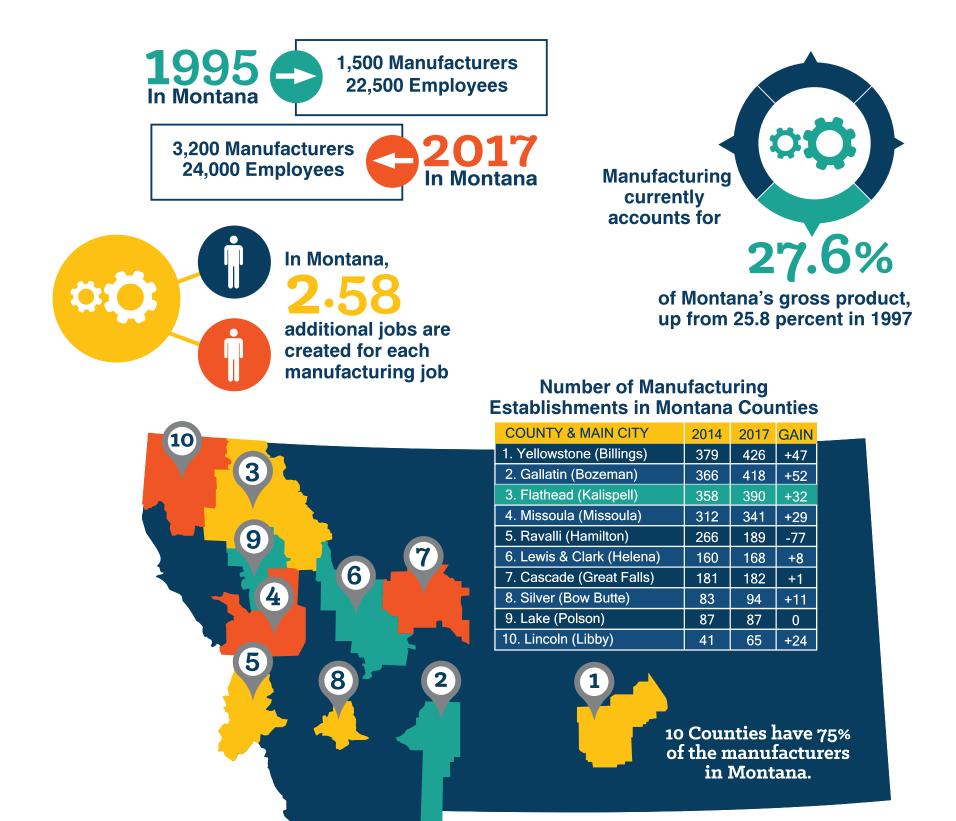
Thursday, October 12, 8:30 – 10:00 am At Kalispell Chamber of Commerce

It's no secret that employees feel more engaged when they believe that their employer is concerned about their personal and career development. In recent studies, opportunity for growth has been found to be the top five most important workplace attributes for employees. Career paths provide employees with an ongoing mechanism to enhance their knowledge and skills, often leading to a mastery of their current job, promotions, and new or different positions.

Implementing career paths within your company can improve morale, career satisfaction, employee retention, productivity, and responsiveness in meeting company objectives. In this seminar, LC Staffing will outline ways to develop career path plans within the manufacturing world, as well as for other Montana industries.

MANUFACTURING STATISTICS





FLATHEAD TIMBER TOUR



THURSDAY, OCTOBER 19TH • 12:00PM

Flathead Timber Tour Schedule

12:00pm - Busses leave from the Kalispell Chamber. Lunch is not provided.
12:30- 4:00pm - Tour of F.H. Stoltze Land & Lumber and Weyerhaeuser
4:30pm - Busses return to the Kalispell Chamber The Flathead Timber Tour is held annually on the Thursday of Montana Forest Products Week - October 19 this year. The purpose of the Flathead Timber Tour is to inform the greater Flathead Valley community of the importance and value natural resources play in our economy/quality of life.

This year, the Flathead Timber Tour will focus on the manufacture and production of wood products, with complete site tours of both Weyerhaeuser and F.H. Stoltze Land & Lumber.

Closed toe shoes, long pants, and no loose fitting clothing are required for the Timber Tour. Please reserve your spot on the tour via www.kalispellchamber.com/manufacturing or by calling (406) 758-2803 by October 17.



Visitors will tour both the Plywood and Lumber plants, which showcase unique products with exceptional aesthetic qualities and Weyerhaeuser's dedicated workforce. Mainly inland Douglas fir and Western larch are used at Weyerhaeuser due to their ability to produce fine grain and smooth faces. The Kalispell Plywood plant manufactures plywood products to various grades, dimensions, and performance standards appropriate for a wide range of customer

Build responsibly. Choose wood from well-managed SFI*forests.

end-uses. These include specialty products from Marine Grade to their proprietary HDF Ultra-Core[™], High Density Overlay (HDO) and Medium Density Overlay (MDO), which are all sold in niche markets such as those for recreational vehicles/boats, signs, and concrete forms.

The Lumber plant manufactures solid sawn studs, available in various lengths to domestic markets coast-to-coast.

The Kalispell Complex strives to be the most cohesive team in the business and has the mindset of focusing on improving the safety and reliability of the complex every day.

THURSDAY, OCTOBER 19TH



Please join F.H. Stoltze Land & Lumber Co. for a tour of their Halfmoon sawmill facility in Columbia Falls. Established in 1912, Stoltze is the oldest family owned, continuously operating forest product company in the state of Montana. See how their employees utilize cutting edge technology coupled with old fashioned know-how to transform logs into not only lumber, but renewable energy and feed stock for other engineered wood products. The 90 minute tour will give an overview of the entire operation.

SAWMILL COMPLEX

See how logs are transformed into lumber. From debarking, to sawing, edging and sorting, see how technology and experience are melded to ensure the most of our natural resources. You will be amazed by the level of automation and computer optimization, and this, coupled with decades of experience and expertise is what makes this operation work efficiently and safely. 75% of this process is controlled by computers, allowing Stoltze to get not only the greatest volume recovery from their logs, but also maximize total value.

PLANER COMPLEX

Once the drying process is complete you will see rough cut lumber made into planed lumber (lumber you buy at WBC, Home Depot, Lowes, and other retailers). The start of this process is the Planer itself: rough lumber is fed into the Planer and given a smooth finish. Graders mark the boards according to the look, strength, and finish. Once the boards are graded, they are trimmed one last time and sent into the Sorter. In the Sorter, they are sorted by grade, width, and length. Once the bins are full, the units are sent to the Stacker. The Stacker stacks the boards and sends them to the Bander where the units are banded and wrapped for shipping.

POWER PLANT (CO-GEN) COMPLEX

Here you will see where all the wood waste is broken down and ground up to make fuel to burn in the Boiler. Only wood waste is burned in the Boiler, which includes bark, sawdust, shavings, and ground up logs, all of which are mixed together to create the fuel needed to operate the facility. The Boiler heats water to make steam, which is then sent to the Dry Kilns to dry the rough lumber and is also used to create electricity. The electricity is sold to Flathead Electric Co-operative, and the amount of power created in the Power Plant is enough to power about 2,500 homes.





THE TIMBER TOUR IS PROUDLY SUPPORTED BY:







OUR MANUFACTURING MEMBERS



Food & Beverage



Building Materials

Firearms



Communications

Pharmaceuticals

Electronics



Machinery

Medical Devices

High-Tech



Energy

Aerospace

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Aluma Glass. Inc. Applied Materials, PPC Business Unit **Bio-Energy Systems** BMC West Bonsai Brewing Project **Bushy Tail Screen Printing** Ceres Bakery **Colter Coffee Roasting** Counter Assault Bear & Pepper Spray **Daily Inter Lake Defiance Machine Direct Source Cabinets and Design Distinctive Countertops & Cabinetry** FH Stoltze Land & Lumber Co Flathead Beacon Flathead Lake Brewing Company & Pubhouse Flathead Valley Community College **Glacier Country LLC** Glacier Distilling Company **Glacier Pre-Cast Concrete** Glacier Stone Supply, LLC Glacier Sun Winery/Apple Barrel Great Northern Brewing Company Hurraw! Balm LLC Insty-Prints Kalispell Brewing Company, LLC Kalispell Denture Studio Kalispell Kreamery

Krispy Kreme Kalispell Maven Coffee Works Montana Artesian Water Company Montana Coffee Traders Montana Gold Bullet Inc Montana Manufacturing Extension Center Nomad Global Communications Solutions Northern Care Inc Prosthetics & Orthotics Northern Plastics Inc Northwest Cabinet Works Pella Windows & Doors **PROOF** Research Scott Company Sierra Pacific Windows Sonju Industrial, Inc. **Spotted Bear Spirits** Sweet Traditions **Tabletree Montana** Tamarack Alehouse & Grill The Towne Printer **Thomas Printing Thompson Precision Timberline Tool, LLC** ViZn Energy Systems, Inc Western Building Center Weyerhaeuser Whitefish Handcrafted Spirits Wrap Hive ZAF Energy Systems, Inc.

Manufacturing Month is Proudly Presented by:

Kalispell Truss Center





DAILY INTER LAKE





Register for any of these FREE events at www.kalispellchamber.com/manufacturing or call (406) 758-2803. Closed-toed shoes required for every tour.