

June 2, 2021

Pembroke Planning Board
Town Hall
Pembroke, MA 02359

RE: 715-737 Washington Street – Site Plan
Applicant: Rose Realty Trust c/o David Spurling

Dear Board Members:

On behalf of the applicant, we hereby submit revised plans, Stormwater Report, calculations and responses to Peer Review comments entitled “Site Plan Review 715 Washington Street Pembroke Massachusetts” by Peter Palmieri, PE, Merrill Associates dated March 8, 2021. In response to Planning Board and public comments we have made the following changes to the plans:

1. The applicant is proposing an enclosure for the proposed equipment to further mitigate potential impacts to abutters from noise, odor, and dust. The enclosure has been placed with the closed portion of the enclosure facing the residential abutters. The enclosure will provide significant additional protection of the abutters above and beyond the 350+ ft woodland separation.
2. The applicant has decided to eliminate the exterior wood furnace. An indoor furnace is to be proposed that is typically permitted through the building department through the building permit process.
3. The chord wood staging area has been relocated. The new location has been chosen to reduce potential view from abutting properties. It is located adjacent to the proposed retaining wall along the southwest property line. The retaining wall provides screening of the cord wood staging area.
4. The drainage system has been modified to utilize additional subsurface drainage. The subsurface system reduces the aesthetic impact of surface drainage at the entrance to the building. The improved aesthetics are a benefit to the owner, potential clients and the general public travelling along Street Route 53.

Plan revisions and responses to comments are as follows:

Zoning Bylaws

Section IV. Use and Dimensional Regulations

- 2.A.4. Additional Wood Kiln specifications are attached to this letter. The exterior Kiln is a MiniQuick 12 Chord Heat treater. Split Wood is loaded into the Kiln in baskets for kilning. The wood then placed in Chord wood holding bags for sale and delivery. The applicant has decided to modify the proposed Biomass Furnace to an interior unit. The unit will be more efficient and there will be less maintenance with the interior unit. The furnace will be permitted through the building department. The applicant would like to implement energy efficient

- technology to heat his building. This type of boiler is the perfect fit for the light industry wood processing and packaging business as the scrap wood can be utilized for heating of the building. Additionally, this process ensures the leftover wood product does not accumulate on the property. Additional Specifications are attached to the end of this response letter for all proposed exterior equipment.
- 2.B.2. The applicant is going to withdraw the request of the special permit. Upon further review of this section, we do not believe this special permit is necessary. The primary use is light industry for purposes of processing firewood specialty wood products. It is our opinion that the staging areas on the plans are incidental to the primary use and are not a separate use. Also, it is our opinion that this section is intended for a separate primary use which is the display of materials for public viewing and purchase, typically at a high visibility location. The staging of the materials in the locations shown is not the same as display for sale.
- 2.D.4 The applicant has applied for and received a variance from the Zoning Board of Appeals.
- 2.D.5 The applicant has applied for and received a variance from the Zoning Board of Appeals.

Rules and Regulations Governing Site Plan Approval

Section V. Requirements

The requested waivers are included on sheet 1.

Section IV. Site Plan Content

- 4.4 The location of the septic systems within 200 ft are shown on sheet 2. There was no record information for some systems and some systems are located greater than 200 ft away.
- 4.7 The Landscape Plan was prepared and stamped by a landscape architect. The Architect has stamped the revised plans.
- 4.9 No comment necessary.
- 4.10 Architectural color scheme is grey/blue as shown on architectural info attachment at the end of this response letter.
- 4.11 There is a detail on sheet 8 has been revised to detail a van accessible space as requested. A note has been added.
- 4.13 Sight Triangles are shown on sheet 6 along with the tree clearing. The sight triangles have been added to sheet 3 as requested.
- 4.15 No comment required.
- 4.19 Additional silt sock has been added along the state highway as requested. This work will be permitted with MassDOT as required. Silt fence has been added to the plan as requested in the area of the proposed retaining wall.
- 4.21 The wall pack locations were on the site plan (sh 6). The lighting consists of wall packs only. They are small but they are on the plan.
- 4.22 Trip Generation calculations per employee from the ITE Manual for Light Industrial (110) use have been prepared and attached. The manual was prepared for much larger operations than the proposed. As such some of the data does not

correlate. There is no change in use proposed. The applicant currently has 9 employees and is estimating a maximum of 26 employees in the future. The following summary is provided.

Ave trip ends per day

Existing employees (9) = 57 trip ends

Max future employees (26) =107 trip ends

Weekday PM Peak Hour of Generator

Existing employees (9) = 69 trip ends

Max future employees (26) =75 trip ends

The small-scale light industrial building will not cause traffic issues on state highway route 53. The site is a commuter location on the Pembroke – Duxbury Town line with access to Route 3 via Routes 53 and 14.

Section V. Requirements

- 5.1 The Landscape plan has been prepared by a Landscape Architect. The revised plan will include the Architect stamp on the Landscape sheets.
- 5.2 The wall pack locations were on the site plan (sh 6). The lighting consists of wall packs only. They are small but they are on the plan.
- 5.3
 - Tc flow paths and calculations have been used for the larger areas and a minimum Tc of 6 minutes was used for the small areas requested.
 - Missing sub-catchment labels have been added to the plan as requested.
 - It is our opinion that the post development catchment area on the Southern lot line is correct. The property line is occupied by a stonewall that predominately directs water away from the locus lot and retains the water along the lot line. We would be happy to meet on site to review this area.
 - Testholes have been added to Sheets 3, 4, 5 as requested. Additional soils testing has been completed in the vicinity of the subsurface system and the infiltration basins north of the proposed driveway as requested. The soil logs have been added to sheet 2.
 - The subsurface drainage system has been moved away from the holding tank as requested (good catch, thanks).
 - The subsurface stormwater infiltration basin detail on sheet 7 has been revised to correct the elevations as requested.
 - The details on sh 8 have been updated to include a 1 ft wide paved inlet weir. The cross section of basin #1 has been updated to include the paved inlet weir as requested.
 - A label on sheet 1 has been added to the plan “general use area” as requested. This area is to be used for parking, access to the building, dumpster and general business activities. The applicant intends to pick up wood materials continuously and store it for furnace fuel. There is limited opportunity for the stormwater system to become adversely affected by the wood process scrap material. Additionally, the stormwater system is protected by pretreatment devised such as deep sump hooded catch basins and sediment forebays. The infiltration BMP’s are protected by 2 pretreatment devises each as the site required 44% TSS removal.
 - The inlets have been increased to 5ft wide. The 100-year storm entering basin #1 peak rate is 1.68 CFS along the gutter. we reviewed the open channel flow manual

for a 5 ft wide rectangular open channel. The chart does not go below 3 cfs indicating that the 5 ft weir with 0.25 ft deep berms on each side is adequate for the anticipated flow.

- The Stormwater checklist has been stamped as requested.

Standard 1 Untreated Stormwater

Additional soils testing was completed and included in the plans and the stormwater report.

Standard 2 Post development Peak Rates

HydroCAD Calculations have been updated as requested.

Standard 3 Recharge

The calculations have been updated to relate to the latest HydroCAD model.

Standard 4 80%TSS Removal

The TSS calculations have been updated as requested.

Standard 5 Higher Potential Pollution Loads

N/A

Standard 6 Critical Areas

N/A

Standard 7 Redevelopment Projects

N/A

Standard 8 Erosion/Sediment Control.

Silt sock extended and sediment trap calculations addressed above.

Standard 9 Operation and maintenance plan

Addressed

Standard 10 Illicit Discharges

The Illicit Discharge statement has been endorsed by the applicant.

Section VI. Development Impact Statement

Waiver requested

Additional Comments

1. A detail/cross section of the proposed retaining wall has been added to sheet 8. The applicant is proposing a StoneStrong or equivalent gravity retaining wall. There will be a construction phase plan of the wall produced by the manufacturer.
2. The plans have been sent for review to the Pembroke Fire Department as requested.
3. An Order of Conditions has been issued for the proposed project.
4. The plans have been submitted to the Board of Health and they have been approved.
5. MassDOT requires that all other permits be obtained prior to DOT permitting. The applicant will apply for a permit.

Enclosed Please find

1. 3 – 24" x 36" Copies of Engineering Drawings;
2. 3 – 11" x 17" Copies of Engineering Drawings
3. 2 Copies of the Stormwater Calculations.

If you have any questions please do not hesitate to call.

Sincerely,

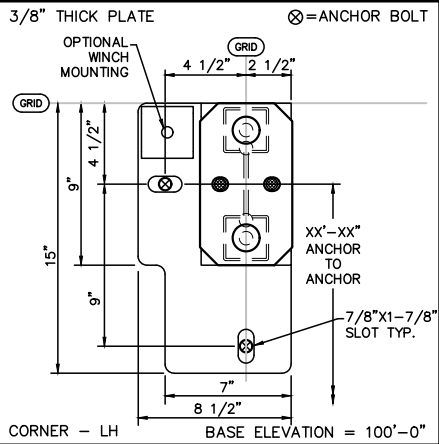
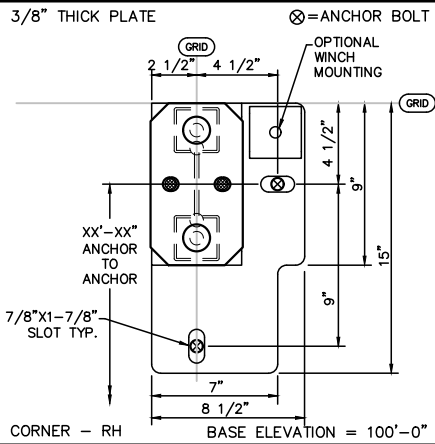
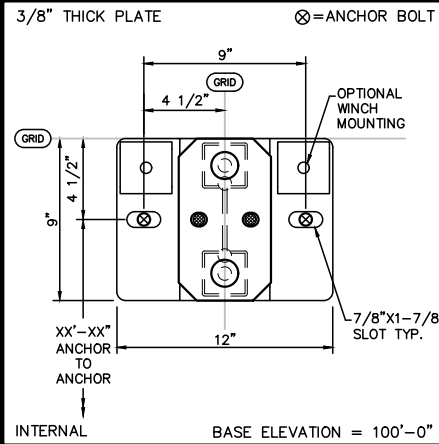
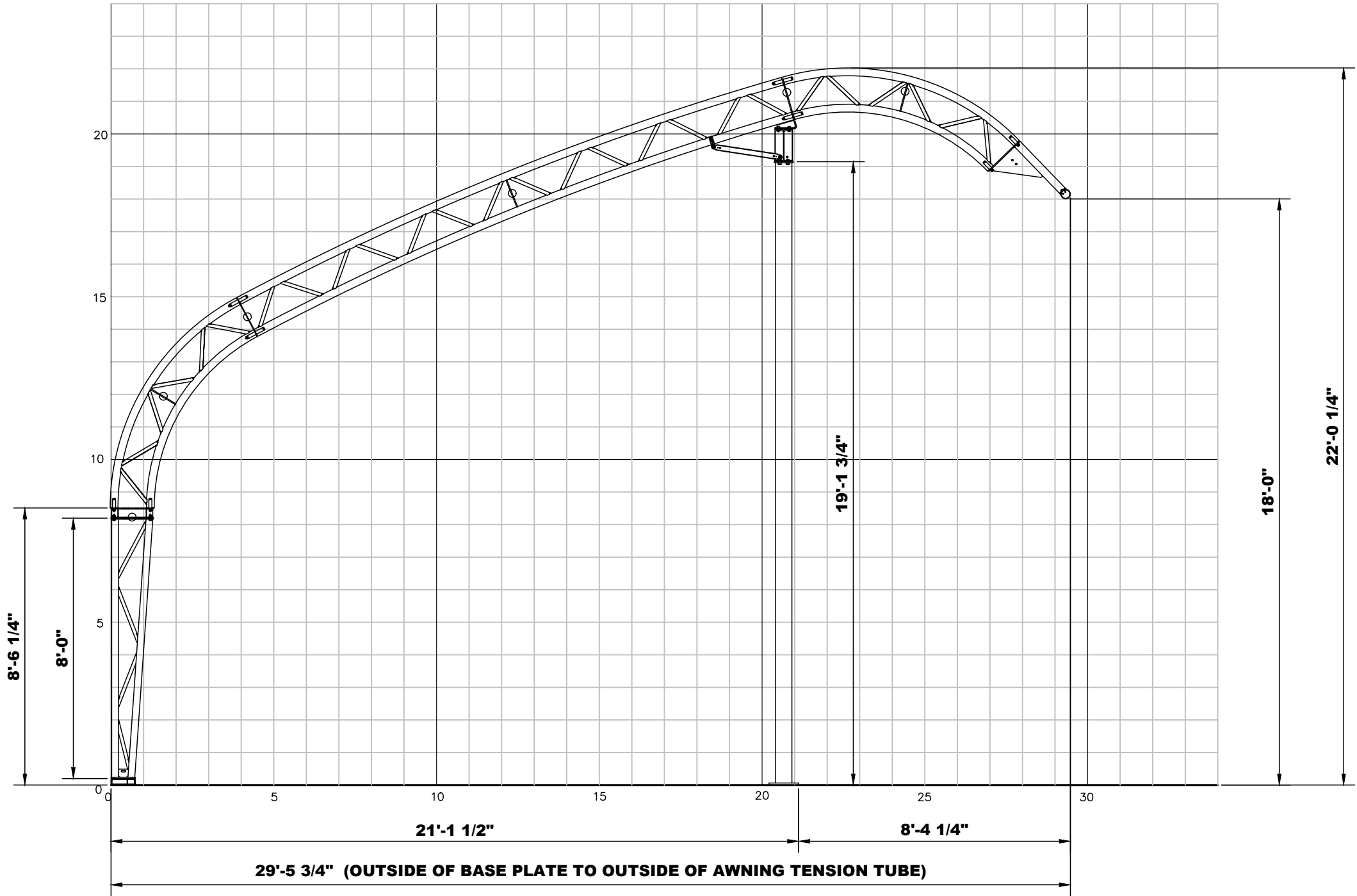
A handwritten signature in black ink, appearing to read 'KG' or similar initials, written in a cursive style.


Kevin Grady
Principal Engineer

Cc. Peter Palmieri, PE, Merrill Associates

J:\2020\20-365\Planning\Response to Comments 2021-05-11.docx

T:\Engineering\Grid Profiles\2018\ACAD\Grid Profiles\GB\GB-SE-8' Awning\GB-SE-8' STEEL LEG-8' AWNING PROFILES.dwg
Feb 21, 2019 - 3:07pm



			Calhoun Superstructure Ltd. 3702 Bruce Rd #10 Tara, Ontario, Canada N0H 2N0 800-265-3994 www.calhounsuperstructure.com		 CALHOUN	
				NAME DATE dd/mm/yyyy		
			DRAWN	R D B	21/11/2018	20' GB-SE PROFILE SERIES 1 8' AWNING - 8'-0" STEEL LEG
			CHECKED	A G B	21/11/2018	
			ENG. APPR.			
			PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CALHOUN SUPERSTRUCTURE. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CALHOUN SUPERSTRUCTURE IS PROHIBITED			
No.	DESCRIPTION	DATE	SCALE:		SIZE D	DWG. NO. GB-SE20
REVISION / ISSUE					N T S SHEET 1 OF 1	

kiln-direct.com[®]

Firewood kiln
Gas & wood waste



**Installation guide
for kiln-direct's
Quick Firewood Kiln
(Mini and Small)**

kiln-direct.com®

Providing the lumber industry with quality kiln drying equipment and knowledge. Helping you build a better kiln more economically.

April 2017

Dear Sir,

Thank you for choosing our Quick Firewood kiln design. This guide will provide you with all the details for installing the Quick Kiln. This unit comes nearly ready to be placed on a concrete foundation. The unit is pre-wired and only needs to have the power and possibly gas supply connected (if gas heated) plus a few other details. It is as easy as placing the kiln on the concrete foundation, attaching it, connecting the electricity (and gas).

We believe the Quick kiln design, one portable unit, offers the best combination of: loading capacity with quick turn-around, low cost of operation, low initial investment and future portability (should this be needed). The portable design also allows for a more streamlined leasing process. The main advantages of the portable complete kiln design lie in the fact that you have very little on-site preparation for this system.

General time line for kiln installation:

1. Understand your responsibility in regards to meeting local regulations. (Page 3)
2. The unit has been ordered and you will begin planning for the foundation. This includes those options you have chosen to include in the foundation. (Page 4 and drawings in the back)
3. Begin planning the power supply and communication to the office. Only the standard Quick with USDA upgrade requires a computer and communication to the office. (Page 6)
4. If a gas kiln has been chosen, then begin planning for the gas supply installation. This can be planned prior to the arrival of the kiln and will help us get the kiln operational faster. (Page 7)
5. The kiln arrives on a standard truck using a few special braces. In most cases, the truck driver can be helpful in getting the kiln placed on the foundation. On a few occasions, however, we may have to use independent truckers who are not as familiar with the kiln. In either case, you can handle the kiln using small forklifts and loaders. The steel structure is removed and shipped back with the truck driver. You will also have to fasten the kiln to the foundation with concrete anchors.
IT IS ALSO POSSIBLE FOR YOU TO COME AND GET THE KILN YOURSELF TO REDUCE COSTS. (Page 5)
6. The electrician will connect the power supply and communication cable (if needed). (Page 6)
Connect the heat system GAS or WOOD WASTE.
If the kiln uses gas heating, then follow the instructions for the gas connection. (Page 7)
If the kiln uses wood waste heating, then follow the instructions for the wood waste system. (Page 8)
7. Follow the instruction in this manual and call Kiln-direct if you have any questions. You can also request a Kiln-direct technician to help with the installation. Our usual on-site service pricing will apply.
8. The kiln operator is now ready to use the kiln.

The installation process has been designed to keep the overall installation cost to a minimum and allows us to get the kiln operational as economically as possible without encountering any unpleasant surprises after you have purchased the kiln. This detailed manual is also an attempt to make the installation easier and more efficient and to improve the overall planning of getting the kiln operational. We hope you understand the mutual benefits of working together during the installation process.

Meeting local regulations:

Foreword about meeting local regulations:

Meeting special local building regulations should not be a requirement for anyone as this is a machine that heat sterilizes and kiln dries firewood. To keep costs down to a minimum we cannot provide individual drawings for each state and municipality.

We regret if your state, county, city, township, or renegade inspector causes you additional cost in order to comply. We hope you understand our position and place the undue cost and aggravation where it belongs with local legislative and administrative organizations.

What we have done to create a standard that will meet as many local requirements as is practical:

As you will see below we continue to raise our standard to meet the ever increasing and demanding regulations. This led us in early 2008 to comply with NFPA 79 regulation. In addition, we promise that our Quick firewood kiln will meet 120mph wind load and 50 psf snow load and will replace a kiln if it is believed to have failed structurally.

All Kiln-direct firewood heat treating chambers have been designed, constructed, and built to meet the following standard:

- | | |
|-------------|--|
| Electrical: | All electrical wiring and installation complies with NFPA 79.
We use IEC standard presentation methods, which you must accept officially.
NFPA 79: Electrical Standard for Industrial Machinery, 2007 Edition.
NFPA = National Fire Protection Association. |
| Structural: | Kiln-direct guarantees that our chamber can withstand 120 mph windload and 50 psf snowload.
However, this is a machine and not a building; therefore, no structural drawings are available. |

How we keep costs low for our mutual benefit.

First we want to keep our as well as your costs of meeting local regulations down. The cost of getting local permits and meeting specific local regulations is your responsibility. However, see these examples on how we help all parties reduce expenses:

- If a local inspector/regulation requires a state certified electrical engineer to evaluate the equipment in order to permit the kiln to operate, then you are responsible for finding the electrical engineer that can perform the independent regulation. If you can arrange for this person to meet us during the installation visit we will make minor changes at no extra costs. However, if we need to return to make changes this will be billed to you or you can have a local electrician perform the changes at your cost.
- If local inspector/regulation requires a state certified structural engineer to provide stamped engineered drawings for the steel structure alone, then it will be at your cost. However, we have economical solutions for 30-40 states, so contact us first.
- If NFPA 79 standard is not acceptable a local electrician will have to perform changes to meet the local codes. Any documentation we need to specifically generate for this is at no cost to the customer, but the work on-site by kiln-direct or a local company is at your cost.

Foundation (Concrete is best):

In most cases the foundation is a simple flat foundation, typically concrete. However, we have seen a few cases where the foundation is asphalt (high heat will ruin the asphalt). Furthermore, we cannot promise the 120mph wind load and 50 lbs/ft² snow load when using an asphalt foundation.

Here you can see a mono level concrete foundation.
The foundation can either be the exact size of the foot print of the kiln or it can be larger than the kiln. This will depend on your situation. We can offer our suggestions, but in the end it will be your choice to make.

See suggested minimum foundation sizes for each model in the back.



Important:

Only gas heated kilns can be located inside another structure. If so, the customer is required to install a “gas” sniffer as a safety measure (costs extra). If the Kiln is located inside another building you must install exhaust venting ducts to the outside to evacuate the combustion and high humidity air from inside the chamber.

Wood waste heated Quick Firewood Kiln are not allow to be placed inside other buildings

AND

YOU MUST MAINTAIN A 20 FT NON COMBUSTIBLE ZONE AROUND THE KILN AND ANY WOOD WASTE STORAGE IN CLOSE PROXIMITY TO THE KILN.

SEE

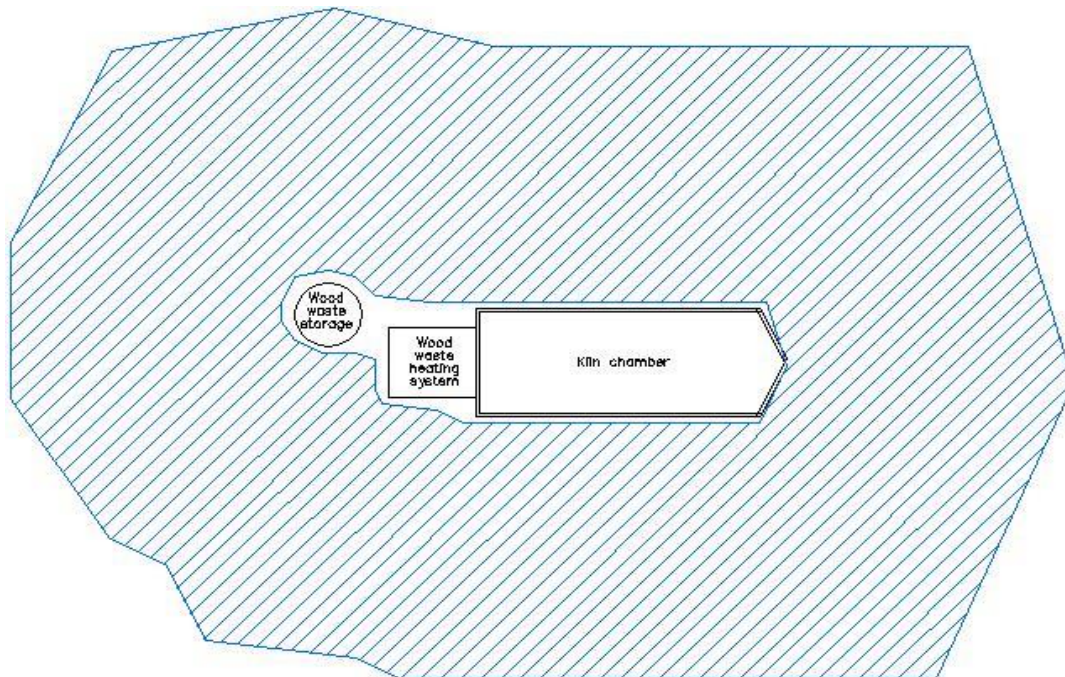


ILLUSTRATION BELOW.

Placing the kiln on the foundation:

The kiln is delivered using a double drop trailer (picture on the right). The 34-bin conveyor is located inside the kiln and a set of baskets can be shipped on the front and back (baskets to be assembled on-site).



THE KILN CAN BE LIFTED OFF THE TRAILER USING:

- TWO FORK LIFTS WITH A MINIMUM CAPACITY OF 8000 LBS EACH (5000 LBS ON GAS HEATED KILN)
 - SPREAD FORKS A MINIMUM OF 4FT APARTS.
 - FIND THE BALANCE POINT AND LIFT BOTH SIDE.
 - TRUCK CAN PULL AWAY AND KILN IS LOWERED ONTO FOUNDATION.
- CRANE WITH A MINIMUM OF 20000 LBS CAPACITY.
 - SLINGS UNDER KILN AT FIRE BOX AND ABOUT HALF WAY ALONG SIDE.
 - MAKE SURE THAT WALLS ARE KEEP APART DURING LIFTING WITH A HEAVY DUTY STEEL PROFILE OR TIMBER.

After the kiln has been placed on the foundation you need to anchor it using either mechanical or chemical anchors. We have mounting plates about every 4 feet on the side and back walls (See photo on right).

Important:

Before anchoring the kiln look at the main doors to be sure they are square. Be sure to check for square, as it is difficult to correct after the mounting holes have been drilled.

The space between the kiln and the foundation is often sealed with expansion foam or caulking, depending on the gap. If expansion foam is used, you will need to paint the foam with a metal roof coating.



Electrical installation by local contractor:

The end of the kiln has the control cabinet, heating system, etc.
Electrical connections as shown on the right.

First pull the motor power supply wires to the terminals in the lower left corner of the control cabinet. The electrician must install a fusible disconnect on the outside with the ability to be locked out. (this already installed with the purchase of single phase converter)

Guidelines for power requirements

MiniQuick	Controls	Motors				
	110VAC single	220VAC single	208VAC three	230VAC three	460VAC three	380V three
Single phase	20 A	---	--	---	---	---
Three phase	---	70 A	50 A	50 A	20 A	25A

No single phase needed on 380VAC (export) as control voltage comes from the 380VAC
The 110VAC single phase on 220VAC single phase unit are included in the 70A load.

Power for main fans:
220VAC single phase
208VAC three phase
240VAC three phase
480VAC three phase

Control and burner power:
110VAC single phase

MiniQuick	Controls	Motors			
	110VAC single	220VAC single	208VAC three	230VAC three	460VAC three
Performance					
Single phase	30 A	---	--	---	---
Three phase	---	120 A	70 A	60 A	30 A

The 110VAC single phase on 220VAC single phase unit are included in the 120A load.

SmallQuick	Controls	Motors			
	110VAC single	220VAC single	208VAC three	230VAC three	460VAC three
Performance					
Single phase	30 A	---	--	---	---
Three phase	---	200 A	80 A	80 A	40 A

Next, pull the single phase (120vac) wires to the terminals in the lower left corner of the control cabinet. The electrician must install a fusible disconnect on the outside with the ability to be locked out.

For the most accurate power and gas requirements, please see the Quote confirmation for your specific kiln

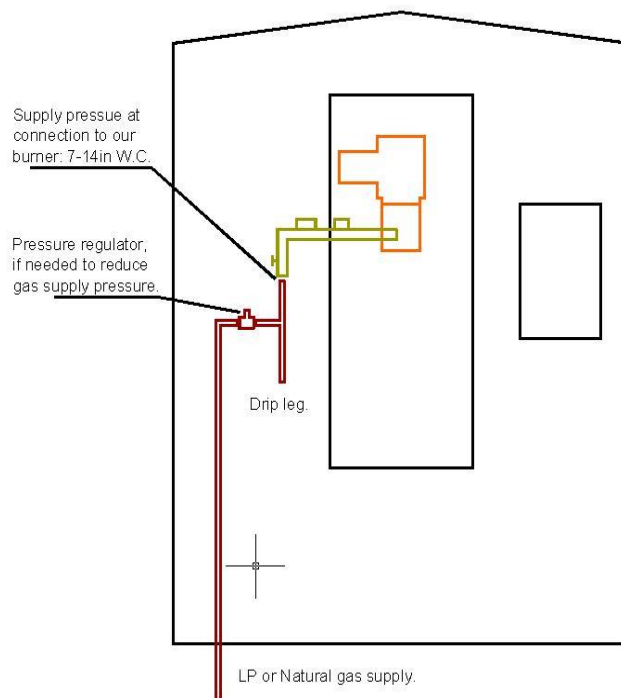
If the USDA upgrade is purchased then the standard wireless communication is included and our technician will complete this task of raising the antenna and making sure it works. However, if a communication cable is required due to local circumstances, pull a CAT5 communication cable to the top right corner of the control cabinet and leave 4 feet inside for our technician. Next, pull the cable to the office where the computer that accesses the kiln is located. Leave a minimum of 10 to 15 feet of free wire. Our technician will install the communication module and connect the cable to the computer.

Gas installation by local contractor:

This is only for Quick kilns with gas heating.

View of the back side of the kiln where the control shed, heating and venting are located.

The burner is almost always pre-installed from the factory and the local gas company needs only to install a regulator to a safety cut-off valve supplied by us and then connect their gas supply line. Gas company may need to install a *step-down* regulator before ours.



Name	Model	BTU supply
MiniQuick	QFK-220811-6M08HG1HR	850,000 btu/hr
MiniQuick Performance	QFK-220811-10M12HG1HR	1,200,000 btu/hr
SmallQuick Performance	QFK-221512-20M24HG2HR	2 x 1,200,000 btu/hr

IT IS EXTREMELY IMPORTANT TO NEVER TO SUPPLY OUR GAS REGULATORS OR VALVES WITH MORE THAN 14" OF W.C. GAS PRESSURE.



Bells Machine 8000





2134828 ONTARIO LTD. O/A

***BELL'S MACHINING, WELDING &
HYDRAULICS***

2044 ROGERS ROAD

PERTH, ONTARIO

K7H 1P9

TEL: 613-267-1965 FAX: 613-267-6101

TOLL FREE: 1-888-995-1965

WWW.BELLSMACHINING.COM

BELLSMACHINING@BELLNET.CA

To whom it may concern,

The values below are the results of a noise level test performed at Bell's Machining using 6000C, 8000C firewood processors at operating rpm at given distances.

0'	110db
50'	85db
100'	77db
150'	70db

Gage Arsineault
Mechanical Design Technician
Bell's Machining, Welding, and Hydraulics



Notice: We use "cookies" to enhance your online experience with Bobcat Company. You can [click here](#) to learn more about how cookies are used on this site. By continuing to browse this website, you agree to our use of cookies in accordance with our privacy policy.

Accept and Close



GET POWER HUNGRY FOR PRODUCTIVITY.

Total-control joystick provides unmatched machine control.

[SEE THE DETAILS](#)

Telehandlers

For projects that require increased lift height, reach and capacity, Bobcat offers the VersaHANDLER® telescopic tool carrier. It delivers many of the same functions of a wheel loader, an attachment carrier and a rough-terrain forklift. To get the most out of the Bobcat® telehandler, we design and build a huge selection of standard and hydraulic-powered attachments which can be changed out using the Bob-Tach® or power quick-tach mounting systems for greater versatility and efficiency. It will quickly become a favorite machine for farming applications, rental, construction sites, landscaping companies and snow removers.

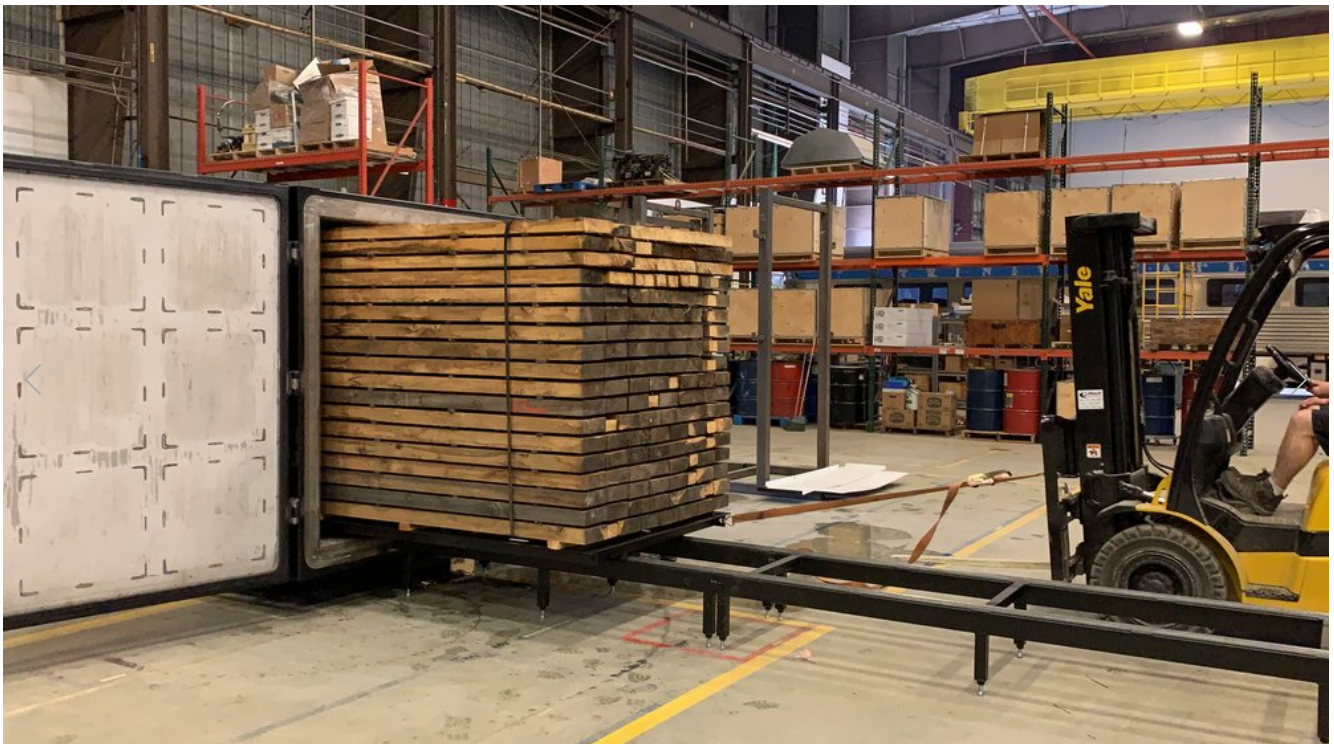
[FIND MY DEALER >](#)

[BUILD & QUOTE >](#)



- SIGN IN
- HOME (/)
- ABOUT
- OVERVIEW (/ABOUT)
- VIDEOS (/VIDEOS)
- EVENTS (/NEW-EVENTS)
- REFERRAL PROGRAM (/REFERRAL-PROGRAM)
- PRODUCTS
- ALL PRODUCTS (/ALL-PRODUCTS-NEW)
- IDRY STANDARD (/IDRY-STANDARD)
- IDRY PLUS (/IDRY-PLUS)
- IDRY TURBO (/IDRY-TURBO)
- IDRY TURBO PRO (/IDRY-TURBO-PRO)
- USED EQUIPMENT (/USED-EQUIPMENT-1)
- FAQS (/FAQS)
- TESTIMONIALS (/TESTIMONIALS)
- BLOG (/BLOG)
- DRYING SERVICES
- FIND DRYING SERVICES NEAR YOU (/FIND-DRYING-SERVICES-NEAR-YOU)
- IDRY DRYING CENTER (/IDRY-DRYING-CENTER)
- JOIN THE IDRY NETWORK (/IDRYNETWORK)
- SUPPORT
- SERVICE (/SERVICE)
- PARTS STORE (/PARTS-STORE)
- CONTACT (/CONTACT)

IDRY PLUS



The iDRY PLUS dries the same as the standard size iDRY. This kiln uses airflow to dry a stickered pile similar to a DH kiln or conventional kiln, but under a vacuum pressure similar to that on top of Mt Everest; making this a fast and nice drying system.

Specifications

Capacity: up to **4000** board feet

Stickered Lumber Pile:

16.5ft L x 60in W x 65in T

Power requirement: 208-230V 1PH 60A

Operating Cost: \$0.04 to 0.06 per board foot

Drying Time: Approximately 1 week per inch of thickness

Heating: Electric (standard)

Installation: Installed in above freezing and dry space, water connection, 208-230V 60A power. For best performance ambient temperature should be kept above 60F.

Loading: Forklift loaded (External Track and Trolley Included)

Water requirement: 1/2" connection

Controls: Touch Screen

Total Weight of equipment: 16,000lbs

1 Year Limited Warranty

Includes:

Remote access

Touchscreen

Track/Trolley

Optional:

Pile hold down Tension Spring (<https://idrywood.com/parts-store/pile-hold-down-tension-spring>)

Handheld Moisture Meter (<https://idrywood.com/parts-store/delmhorst-j-2000-handheld-moisture-meter-jYyxv>)

Push/Pull Hand Winch Kit (Standard and PLUS)
(<https://idrywood.com/parts-store/pushpull-hand-winch-kit-standard-and-plus>)

Wireless Wood Core Temperature Sensor
(<https://idrywood.com/parts-store/wireless-wood-core-temperature-sensor>)

Stainless V Roller (<https://idrywood.com/parts-store/stainless-steel-v-groove-trolley-rollers>)

(1500) 60in long Breeze Dried Sticks

(<https://idrywood.com/parts-store/1500-60in-long-breeze-dried-sticks-t9w5g>)

Water Recirculation Kit (<https://idrywood.com/parts-store/4ixygq1voj8l74zd6o1yqfhaopwa2f>)

ALL OUR KILNS MEET THE USDA HEAT TREAT STERILIZATION REQUIREMENTS

Products / Sawmills, Resaws, Edgers / Portable Sawmills /



LT50 Hydraulic Portable Sawmill

Starting at \$44,895

High-production hydraulic portable sawmill with advanced hydraulic log handling, fast powered head controls, board return, Accuset® 2 setworks, chain log turner, vertical side supports, fine adjust outriggers, gas/diesel/electric power, 36" log diameter, 21' log length, and production up to 700 bf/hr.

[Financing As Low As \\$915/Month†](#)

[BUILD & PRICE](#)

[Request Catalog](#)



Extend Sawmill Blade Life with [optional Debarker](#).

High-Production Hydraulic Portable Sawmill with Accuset2 Controls, Vertical Side Supports, and Chain Log Turner

Loaded with high-production features including advanced hydraulic log handling, Accuset2 Setworks, auto board return arm with outfeed table, and faster sawhead movement, the LT50 hydraulic portable sawmill is engineered for speed and high-production. Equipped with the many of the same high-performance features as the LT40 super hydraulic portable sawmill, the LT50 also includes fine-adjust outriggers, bi-directional chain log turner, and vertical side supports for precise head leveling and faster log positioning.

Get Wood-Mizer News, Free Guides, and Discounts in your inbox.

Subscribe!

No, thanks!

LT50 Hydraulic...



AddThis

Request Info

Operation

Logs are loaded and turned hydraulically with loading arms and a heavy-duty bi-directional chain log turner for maximum log control. Logs are secured onto the bed by four side supports (two hydraulically controlled vertical supports for fast positioning) and a heavy-duty hydraulic log clamp. Two hydraulic roller toeboards assist with precise leveling of the log on the bed for tapered logs. Dual hydraulic pumps allow for up to twice as fast hydraulic log handling than the standard hydraulic portable sawmills. Accuset2 Networks and powered head controls position the saw head height to prepare for sawing. Accuset2 calculates board thickness to quickly and accurately reposition the sawing head automatically for the next cut. Once the blade is engaged with an auto clutch toggle switch, the saw head advances through the log with the power feed control that includes variable speed for optimal sawing control. The power feed includes an individual motor that delivers greater forward/reverse head speeds for increased performance. Once the cut is completed, the saw head is raised and reversed by the powered saw head controls and positioned for the next cut. A water tank feeds lubrication directly to the blade to improve cutting performance and keep the blade clean. An auto board return arm and 2' x 2' outfeed table assists with offbearing boards. An optional debarker helps extend blade life between sharpenings by clearing a ¼" wide path in front of the sawmill blade's cut entry. The adjustable blade guide arm keeps the blade well supported while cutting various sized material. Blade tension is easily adjusted, and keeps the blade at the proper tension for cutting.

Name

E-mail

State

Phone

I'm interested in...

Subscribe to Wood-Mizer Updates

☐ Yes, please send me email with latest news and updates.

Request Info

Features

- 36" max log diameter with 28" max width of cut and 21' length of cut
- Advanced hydraulic log handling (log loading arms, toeboards, bi-directional chain log turner, log clamp, and two vertical side supports) with dual hydraulic pumps for twice as fast hydraulic functions
- Powered saw head up/down & forward/reverse with high-output feed motors for fast head positioning
- Accuset2 Networks allows 16 pre-set board thicknesses to quickly and accurately calculate and control blade height while referencing from the previous cut or desired finished product. Operates in five control modes and includes on-board diagnostics
- Auto board return arm with 2' x 2' outfeed table for easy offbearing
- Standard trailer with patented cantilever design, trapezoid shaped bed, and fine-adjust outriggers for precise bed leveling
- Built in the USA

Popular Options

- [Wide sawmill head](#) increases max width of cut to 34"
- Debarker removes dirt and bark from the blade path for longer blade life
- Stationary command control eliminates standard walk-along controls by placing the operator at a fixed location at the front of the sawmill to control all head and hydraulic bed functions
- 6', 12', or 24' bed extensions can be added to saw longer lengths (45' max length of cut)

The LT50 hydraulic portable sawmill comes fully assembled with one Wood-Mizer sawmill blade. Free one-on-one sawmill training by an experienced service representative is included during your Wood-Mizer location pick up or home delivery. With a 30-day money back guarantee, 2-

✕ LT50 hydraulic is backed by the same level of service, quality and safety features shared by all Wood-Mizer products.

Get Wood-Mizer News, Free Guides, and Discounts in your inbox.

Subscribe!

No, thanks!

Features



Auto Clutch

Engage blade with a toggle switch.



Hydraulic Loading Arms

Lifts log onto bed.



Hydraulic Bi-



Hydraulic Clamp & 2

**Hydraulic Toeboards**

For precise log leveling.

Auto Board Return Arm and Table

Assists with off-bearing boards. 2'x2' table attached.

**directional Chain Log Turner**

For maximum log control.

**Power Feed Motor**

Delivers greater forward/ reverse head speeds & increased performance.

**Vertical & 2 Manual Side Supports**

Secure and stabilize the log.

**Trailer Package**

Fully portable mill ready for road travel.

**Set of 6 Fine-Adjust Outriggers**

For precise bed leveling and stability.

Options

Stationary Command Control with Accuset 2 Networks††	More Info
Debarker	More Info
Wireless Head Control ††	More Info
Wide Head††	More Info
LubeMizer	More Info
Operator Seat	More Info
Laser Sight	More Info

Specifications

Power Selections	38HP Gas 35HP Diesel 25HP 3Ph Electric
Max. Log Diameter	36"
Max. Width of Cut	28" Wide - 34"
Max. Depth of Cut	10-1/2"
Max. Length of Cut	21'
Max. Length of Cut w/ Bed Extensions	45'
Bed Extensions	6', 12', or 24' Bed Extensions
Max. Log Weight	4,400 lbs
Sawhead Forward/Reverse	High-Output 12V Electric Power Feed
Sawhead Up/Down	Electric with Accuset2 Networks
Side Supports	2 Vertical Hydraulic & 2 Manual
Log Clamps	1 Hydraulic
Bed Leveling Feet	6 Fine Adjustable Outriggers
Trailer Package	Standard
Blade Lubrication	5 Gal. Water Tank with Automatic Flow LubeMizer® - Optional

Accessories

Cant Hooks	More Info
Log Carrier	More Info
Log Arches	More Info
Resaw Attachment	More Info
Shingle & Lapsider	More Info

Get Wood-Mizer News, Free Guides, and Discounts in your inbox.

Subscribe!

No, thanks!

Sawmill Head Covers	More Info
---------------------	---------------------------

[+ See all Options and Accessories](#)

Blade Guide Arm	Adjusted with Control Switch
Blade Engagement	Auto Clutch
Blade Length	158" Wide - 171"
Blade Wheels	19" Diameter Belted Wheels
Paint Finish	Powder Coat
Design	Cantilever
Machine Weight	4,370 lbs
Shipment Weight	4,370 lbs
Warranty	30-Day Money Back 2-Year Sawmill 5-Year Chassis
Country of Manufacture	USA

*All prices and savings in U.S. dollars & effective May/1/2021. Prices and specifications are subject to change without notice. NOW ONLY prices are after savings have been applied. Cannot be used in combination with any other offers or discounts. Shipping or delivery not included. Trailer-mounted mills require delivery or pick up from Wood-Mizer location. Some assembly may be required. Offer good on new orders placed with deposit 5/1/2021 through 7/31/2021. Log Deck Package Upgrade promotion good on new LT28 and LT35 manual sawmill orders placed with deposit 5/1/2021 through 7/31/2021. Wide Head Upgrade promotion good on new LT40HD, LT40HDS, LT50, and LT70 orders placed with deposit 5/1/2021 through 7/31/2021.

† Estimated payments are for the equipment only and based on no money down with 60 month terms, \$500 down with 48 month terms, or \$500 down with 24 month terms for qualified buyers through Wood-Mizer or CIT. Other financing options may also be available through Wood-Mizer or CIT for those not qualified for these special rates. Visit woodmizer.com/financing or call for assistance and terms.

**Due to many variables, actual production figures will vary.

Wood-Mizer®

 [SUBSCRIBE](#)  [800.553.0182](tel:800.553.0182)



×

Get Wood-Mizer News, Free Guides,
and Discounts in your inbox.

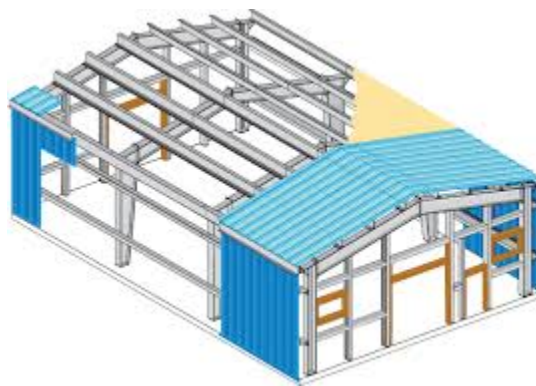
Subscribe!

No, thanks!

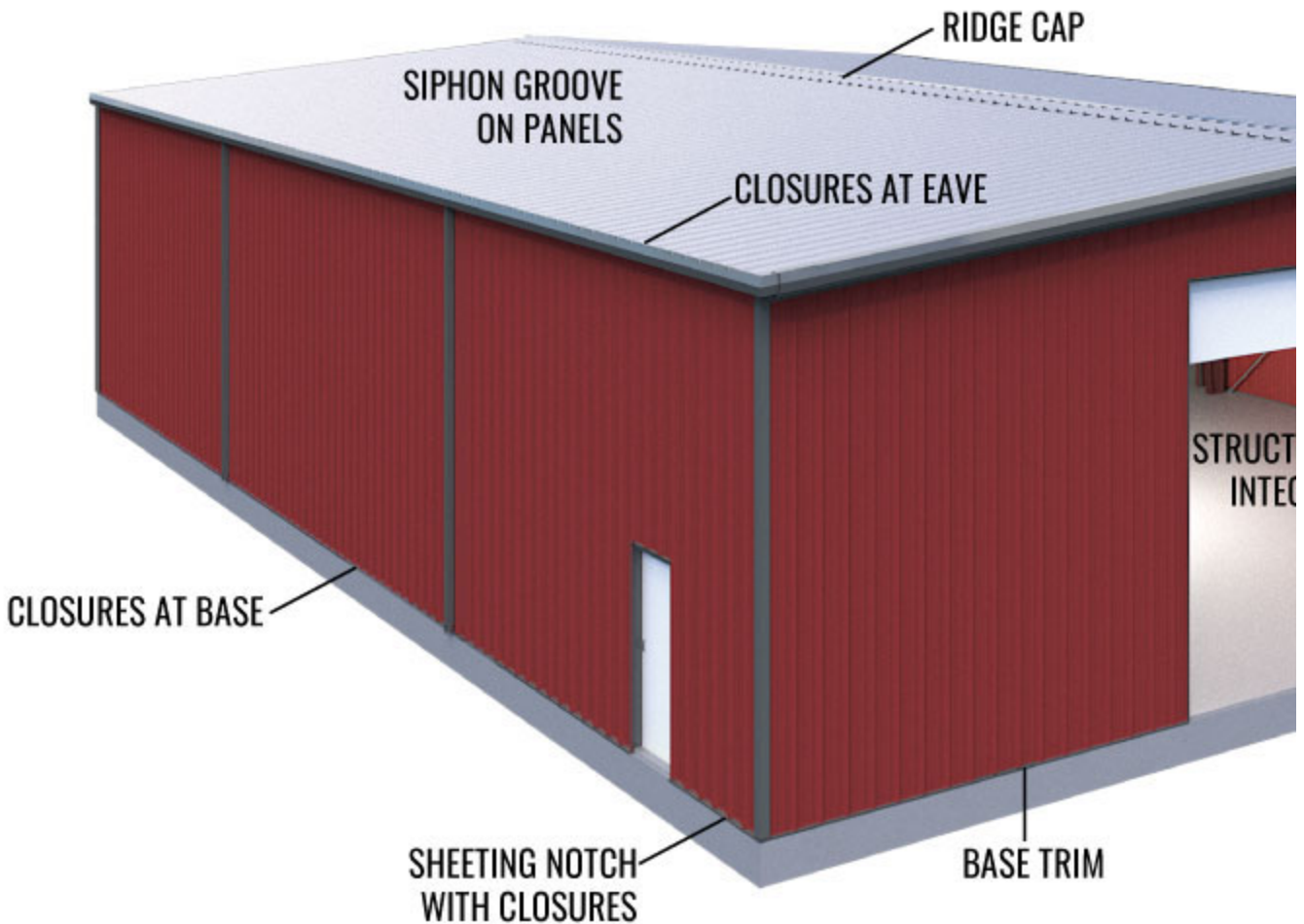


Welcome To The Steel Building Of Your Dreams

When you need the finest steel building for commercial or home use, Steel Commander Corp is The preeminent choice to help you from beginning to end with the design and delivery of your steel building kits. Call us today and speak with a steel building expert and see how we can help.



Rendering for schematic purposes only - site specific representation to follow - building to be blue gray color



50x100x20

Mezzanine at 12'

20Wx14H & 10Wx12H Door framing

2 Man Door framed openings

40yr Warranty (Rust Through Perforation Warranty)

- ***60yr Warranty (Structural Warranty)***
- ***30yr Warranty (Chalking and Fading)***
 - ***Free Shipping***

- **CERTIFIED WET SEAL BLUEPRINTS**
- **J-Bolt Reaction Plans/Anchor Bolt Patterns**

Why steel garage buildings are an intelligent investment for any of your storage and workshop needs:



- ❖ Our steel garage buildings are completely customizable so that they can meet your precise garage requirements – from choosing the floorplan, color, size, and more. You have complete freedom to design your garage precisely the way you want it.



- ❖ The design and build-out phase for steel garage buildings is much faster.



- ❖ Steel is not subject to the deterioration that regularly constructed buildings are subject too. Thus, your resale value is extraordinary and your steel garage building has the ability to be taken apart, moved and or sold in a rapid manner.



- ❖ Heavy-duty steel garage buildings are resilient require very little if any regular maintenance.



MADE IN THE USA

Steel Commander Corp is a trailblazer in the steel building industry producing a myriad of custom-designed steel buildings.

We are a full-service manufacturer offering our services for the commercial, industrial, residential, garage, storage, and other industries for over forty years.

Our steel building kits are extremely tough but yet easy to assemble.



Why choose Steel Commander Corp?







color code



#303863 / cmyk 100,91,22,37



#A93133 / cmyk 16,100,100,23



#Ed3237 / cmyk 0,100,100,0