



PREMIUM STEEL FRAME  
**DAIRY BARN**S





# THE WECOVER EXPERIENCE

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**At WeCover Structures, we set the standard for excellence in custom-built barns and buildings.**

With close to twenty years of experience fabricating steel trusses for building projects across North America, we work closely with our customers to provide cost-effective and high-quality solutions for fabric roof and steel roof steel truss buildings. By maintaining a high level of quality control in the design and fabrication process, we have the ability to offer custom solutions for any type of building.

Working directly with customers or with local contractors, our capabilities extend well beyond fabrication. From initial consultation and design to job site coordination and construction, we have the expertise to manage every facet of your dairy project.

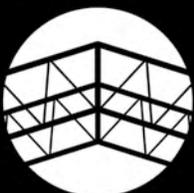
As design/build specialists, we offer a streamlined project management approach, custom or standard building designs, and an endless variety of finishing options – all perfectly tailored to your project's unique needs.



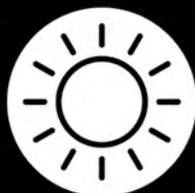
# IDEAL SOLUTION FOR COW COMFORT

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A WeCover dairy barn offers the ultimate environment for your herd. With a premium fabric roof steel frame dairy barn, you gain the strength of steel combined with the functionality of a fabric roof. From the increased natural light and air flow to the robot ready design, a WeCover dairy barn provides the ideal indoor surrounding for a productive and comfortable dairy herd.



**STEEL  
STRUCTURE**



**NATURAL  
LIGHT**



**AIR  
FLOW**



**ROBOT  
READY**





# BUILDING FOR THE FUTURE

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When you invest in a WeCover dairy barn, you are building a legacy for future generations. Featuring abundant fresh air, natural light and exceptional ventilation, every WeCover dairy barn promotes a healthier, more productive dairy herd and an enjoyable, modern working environment. Working directly with WeCover, your new custom designed free stall or pack barn dairy facility will become a foundation for your farm's future success.





# THE STRENGTH OF STEEL

## ENGINEERED STEEL TRUSS DESIGN

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The strength and durability of a WeCover dairy barn comes from our engineered steel truss design. Featuring deep truss depth between the top and bottom truss cord and a straight leg on your truss sidewall to maximize interior space, every steel truss design is the backbone for a long-lasting and safe environment for your dairy herd. All WeCover metal components and trusses are hot-dipped galvanized for longer life, while strategically placed vent holes along the trusses prevent moisture building up.



### DEEP TRUSS DEPTH

Another area where the WeCover truss is unrivaled is its depth between the top and bottom truss cord. The strength and rigidity of a truss is very much determined by its depth.



### STRAIGHT LEG

To maximize your available space, WeCover uses straight legs on their truss sidewalls. With this feature, you can increase your clearance along the wall to full truss height.



### HOT DIP GALVANIZED

Ensuring life-long quality, all metal components and trusses are hot-dipped after welding. Through this process, zinc evenly coats the exterior and interior of the metal tubing, providing a long-lasting protective finish.



**88' X 324' ROBOT DAIRY PACK BARN  
98' X 252' FABRIC ROOF HEIFER BARN  
- Baroda, Michigan**

*"The main benefit for us is the tremendous amount of natural light we experience for our cows. Anyone that has been in our barn has said they haven't seen another environment like it."*

**BILL SHULER, SHULER DAIRY FARMS**



**74' X 216' DAIRY BARN  
- Williamstown, Ontario**



*"With the fresh air, the cows are happy and content. They are lying down most of the time."*

**ANDREW & DONALD**



# CUSTOM DESIGNED FOR YOUR DAIRY OPERATION

Every WeCover dairy barn is as unique as your farming operation, with a variety of options and finishing touches to meet the specific needs of your herd. A WeCover dairy barn can be built to match an existing barn on your property or can take on its own distinctive style. Choose from a myriad of options – including sidewalls, roof pitch, rain gutters, overshot roof, cupola chimney – to create your ideal dairy barn.



**140' X 322' ROBOT DAIRY BARN  
- PORT PERRY, ON**

*"We're 6 months in and we have experienced a significant jump in milk production."*

GRAIG EVANS , HIGHVIEW HOLSTEINS



## OVERSHOT ROOF

The overshoot opening at the peak of the roof is designed to optimize fresh air movement year-round.



## FREESPAN OR SUPPORT COLUMNS

Although a WeCover fabric roof steel dairy barn can be designed up to 160' wide freestall, there are times where the use of internal support columns make more sense for project efficiency.



## RAIN GUTTERS

Optional rain gutters prevent rain water from building up around your foundation wall.



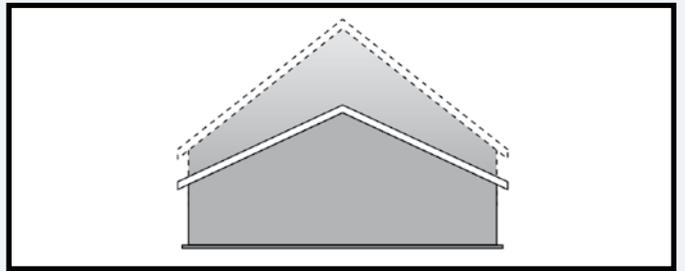
## DAIRY HOUSING OPTIONS

The WeCover design team will work with you to custom design your barn to suit your preferred housing design such as freestall, tie-stall or compost pack barn.



## OPEN SIDEWALLS

Open sidewalls are a great way increase fresh air intake. Raise or lower the sidewalls of your structure to control your air flow.



## CUSTOM ROOF PITCH

Select your desired roof pitch to match your geography, environment or aesthetic.

## 100' X 240' ROBOT DAIRY BARN - GRAND VALLEY, ONTARIO

*"The herd has increased to 50 cows and they are producing very well. The natural light environment of the WeCover is just what I wanted."*

LEROY FREY

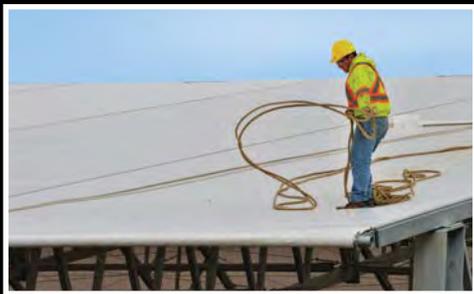




# FABRIC ROOF

## CHOOSE THE ROOF OPTION

When you build a WeCover steel truss freespan building, you have the choice of a fabric panel roof or a steel roof. Both options have their own individual benefits and strengths. The right roof option for you may depend on your building application and what you hope to get out of your WeCover structure. Our fabric roof option provides our customers with bright, fresh indoor environment. Our durable fabric panels allow the sun to naturally light your barn, saving you money on electricity. Open sidewalls and roof ventilation keeps your indoor air fresh and clean.



### HIGH STRENGTH FABRIC

Designed to stand up to sun, snow and rain, the fabric panels are guaranteed for long lasting service with a 15-year prorated warranty.



### NATURAL ENVIRONMENT

A WeCover fabric roof building allows you and your animals to enjoy natural light, fresh air and comfort all year round.



### SEAMLESS 12FT. PANELS

Each 12 foot wide fabric roof panel is a continuous roll of seamless fabric that runs from the roof peak down to the overhang. The panels are secured using a locking channel on both sides that keep constant tension on the fabric.



# STEEL ROOF

## THAT'S RIGHT FOR YOU

Our steel roof freespan steel truss dairy barns provide the ultimate combination of high strength and wide open space. A steel roof is the ideal building solution for dairy barns that require a high ceiling with wide open space but still require full insulation, providing protection from hot or cold weather.



### FULLY INSULATED

With a Ridgeline steel roof system, the roof and sidewalls can be fully insulated to create a climate controlled environment year-round.



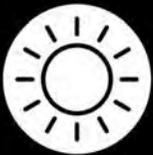
### SIDE WALL OPENINGS

Side wall openings can range between 8 to 48 feet wide providing a customizable side opening to easily fit today's large machinery.



### VENTILATION

The unique peaked roof and ridge vent allow air to flow out while keeping the elements away, as well as preventing condensation build-up by letting warm air easily escape.



## UNMATCHED INDOOR ENVIRONMENT NATURAL LIGHTING & FRESH VENTILATION

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With a WeCover fabric roof barn, dairy herds live in a natural environment year-round with bright, shadowless light. An experience inside a WeCover leaves one with the impression of a climate-controlled shade tree.

In addition to ventilated sidewalls, the unique peaked roof and ridge vent allow air to flow out while keeping the elements away, as well as preventing condensation build-up by letting warm air easily escape. You truly can't understand the feeling of being inside a WeCover dairy barn until you step inside and experience it for yourself.



### **BRIGHT, SHADOWLESS LIGHT**

With a fabric panel roof and open side walls, a WeCover dairy barn provides a bright, naturally lit indoor environment. Many WeCover customers claim they hardly need to turn on their lights, even on cloudy days.



## MECHANICAL VENTILATION

As opposed to relying on open sidewalls, chimneys or overshoot roof for natural ventilation, WeCover barns can also be designed with fans and thermostats for mechanical ventilation.



## SIDEWALL CURTAINS

Open side walls provide cows with ample fresh air. The installation of sidewall curtains allows for shade from the sun and protection from the elements when required.



## CHIMNEYS AND DAMPENERS

Chimney dampeners can also be installed to help control the indoor environment.



## 102' X 312' DAIRY BARN - TROUT RUN, PENNSYLVANIA

*"The #1 reason we wanted the WeCover was the natural light and comfortable environment. The fresh cows are peaking higher in the light environment than they did in the old barn."*

KEN MARTIN AND SONS



## 100' X 180' ROBOT DAIRY BARN - OTTAWA, ONTARIO

*"The ventilation is very good, I am very satisfied with the health of the herd."*

JOHN HILL



# ROBOT DAIRY READY

If you are considering the possibility of introducing robotic milking to your farm, a WeCover dairy barn is the perfect choice. Featuring fresh air, natural light, and outstanding ventilation, a WeCover barn's superior living environment makes it well-suited for a robotic milking system. Because of the high level of cow comfort and improved herd health that comes with a WeCover barn, taking the next step to integrating a robotic dairy operation to your farm is both easy and natural.



**125' X 300' ROBOT DAIRY BARN  
- WOODVILLE, ONTARIO**

*"You don't really appreciate the natural light until you compare with a conventional dairy barn. The cows are now very content and happy."*

**BRIAN & YVONNE CLARKE , CLARKRIDGE HOLSTEIN**



# DESIGN/BUILD FROM START TO FINISH

As designers, engineers and manufacturers of our own proprietary freespan truss systems, including fabric roof and steel roof freespans, WeCover Structures offers our customers the best structure along with custom design-build services. When you build a WeCover fabric roof structure, you are getting 15 years of engineering and design experience. As a pre-fabricated steel structure, your WeCover building is custom designed to suit your specific needs before it arrives on site. Since the fabric roof comes in sections with specific widths to match your truss spacing, the installation process is simplified. The result is an engineered steel structure that shows up on site ready for a simple, pre-planned construction process.

## CONTRACTOR FRIENDLY APPROACH

Supporting our business development, WeCover also supplies our proprietary freespan truss systems to approved independent contractors as the backbone of their design-build projects. We work closely with these contractors and train them in the proper building process of a WeCover steel truss freespan building.

### 100' X 204' ROBOT DAIRY BARN - DUNVILLE, ONTARIO

*"We installed our first robotic milking system in our WeCover 10 years ago and added a second robot last year."*

JIM DEKLERK





EECI20056  
Printed in Canada - February 2020



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