

# Wide-Span Wood Buildings

“We’ve been putting up beautiful wide-span buildings for 20 years,” says Bruce Meidinger, owner of Eagle Rigid Span, a North Dakota-based company known for its innovative wood-frame buildings with clear-spans up to 120 ft. wide.

In addition to being used as livestock barns, high-clearance machine sheds, and other farm buildings, Eagle Rigid Span structures also make an attractive, lower-cost way to put up churches, gymnasiums, schools, hockey rinks, airplane hangars, strip malls, and more.

“What makes these buildings unique is that we can have a clear, open span of up to 120 ft. with no obstructions whatsoever and yet they cost as much as 30 percent less than conventional construction,” says Meidinger. “They’re also highly energy efficient. Because our buildings are typically framed on 2-ft. centers for the wall and ceiling joists, you can roll insulation into the already framed cavities and you’re done - unlike many metal-framed buildings that are very difficult and expensive to insulate.”

Typical insulation is R-38 in the ceilings and R-19 in the walls. The energy savings are significant compared to more conventional buildings and, for people with environmental concerns, Meidinger points out that the buildings are built with wood, “the one building material that grows back”.

One other huge benefit of Eagle Rigid



**There are no center posts or other obstructions in Eagle Rigid Span wood-framed buildings.**

Span buildings is that they are generally bird-proof because there’s no place for birds to roost.

The wood framing also makes the buildings easier to finish off inside than most metal buildings. Almost any method can be used, which is why so many of them have been built as churches, schools and even office buildings in many communities across the country.

Key to success of Eagle Rigid Span buildings is the unique method the company

developed of making laminated trussed box beams. The raised center allows more usable space with lower sidewalls and no center poles to get in the way. The standard roof pitch is 3/12; however other pitches are also available.

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[www.EagleRigidSpan.com](http://www.EagleRigidSpan.com)

**Reader Inquiry No. 100**

## ATV-Pulled Chisel Plow

“There’s nothing else on the market like it,” says Kunz about the company’s new ATV-pulled chisel plow.

“It can dig up to 6 in. deep, even in hard ground. It’s very aggressive,” says Kunz.

The Till-Ease is a 43-in. wide chisel plow/field cultivator designed to be pulled behind any 4-WD ATV or other small towing vehicle. It has a row of 13 1/2-in. dia. coulters on front and five rigid shanks on back arranged

in a V-shaped pattern. The shanks slip into a receiver tube and can be quickly removed by simply removing a pin. The shanks can be equipped with either chisel points or 9-in. wide sweeps. An optional drag harrow for final seedbed preparation pins into receivers on back of the tool’s frame.

The implement is raised and lowered by an electric-operated, linear screw actuator.

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**Reader Inquiry No. 101**

## AcrEase Mowers

“The AcrEase Mowers are available in both rough cut and finish cut styles. So whether you have a neglected pasture, narrow trail, or a yard like a golf course, the AcrEase can meet the challenge. They are also capable of being pulled directly behind or fully offset to the left or right,” says Matt Kunz of Kunz Engineering.

The AcrEase Finish Cut models can be attached to the side of riding mowers, zero turn mowers and small tractors to add on

additional cutting width and drastically reduce mowing time. The AcrEase can also be pulled individually or in tandem behind ATVs and utility vehicles. The heavy duty, high capacity 60” models come with electric start engines ranging from 17.5-18hp. Both commercial and noncommercial grade engines are available. The AcrEase Finish Cut mowers are extremely maneuverable, easy to pull and stable on steep banks. They are also capable of mowing at today’s standards



in high speed mowing.

[www.kunzeng.com](http://www.kunzeng.com); ph 815 539-6954.

**Reader Inquiry No. 102**