

Tri Line Safe Steps aren't ladders, they're stairs that retract into the ceiling with wide, deep steps.



fold-out ladders."

He began working out a solution for easier attic access.

"Most of my customers could climb stairs, just not those fold-out ladders. They needed a set of real stairs with wide, deep steps." The catch, he discovered, was that these stairs needed to be retractable.

"So, I developed a set of stairs built to the same standards as a regular set of stairs, where the run of the step, the rise of the step, and the angle of the stairs were the same or very similar to what people already navigate and are familiar with."

Ingalls developed a concept for a simple set of stairs that works without expensive motors, cables, or a power source.

"I based the idea on an SUV tailgate being leveraged up and held up yet easily opened and closed by hand."

The Tri Line Safe Steps aren't ladders but stairs that retract into the ceiling with wide, deep steps.

"We climb stairs like this daily and think nothing of it," Ingalls says. "You can easily navigate Safe Step Stairs as most of your foot can be firmly planted on each step. There isn't another product like them anywhere."

They're designed to be easy to open with a light pull-down of about 20 lbs. To close them again, lift them about 2 ft., and they'll retract to the ceiling. They come with handrails, though most people can climb them hands-free.

After two years of formulation and

development, Ingalls introduced Safe Step Stairs to the market. It's a fully built product that his team installs throughout central Florida.

"We also offer them in kit form across the U.S. and beyond. Hundreds of installed stairs are spread across the USA, and we get daily inquiries about the product."

About half of kit customers build and install Safe Step Stairs themselves, while others hire local handymen.

"The kit comes with a comprehensive installation manual, and we have many installation videos. Anyone experienced with small power tools can build and install our stairs," says Ingalls. "We tell our customers that if they're comfortable cutting a hole in a wall and installing a door, they'll likely be capable of building and installing Safe Step Stairs."

Pricing before tax is \$1,399 for 8-ft., \$1,499 for 9-ft. and \$1,599 for 10-ft. stairs. All mechanical components are manufactured in Monticello, Ill., and kits ship out in two to seven days. The wooden components aren't included, as they're cheaper to buy locally. Each set comes with a two-year warranty.

Ingalls says, "Our customers are encouraged to call with questions before purchasing. We're thrilled to provide our customers with personal build and installation support."

Contact: FARM SHOW Followup, Tri Line Services, LLC (ph 217-433-1394; ultimagr@gmail.com; www.trilineatticsolutions.com).

Sturdy Stair Kit For Attic Access

Tri Line Attic Solutions of The Villages, Fla., manufactures high-quality attic access solutions for people who struggle with ladders.

"Five years ago, my wife and I moved to The Villages," says Ed Ingalls, president and chief executive officer. "It's the world's largest retirement community with around 80,000 homes and up to 300 to 500 homes built monthly. I worked seven days a week for most of my adult life, and the idea of slowing

down and enjoying life was appealing, but the reality of doing so was not aligned."

Instead, Ingalls started a new company focused on maintenance and home repairs.

"My business took off, and I found myself booked out over 3 mos. As my customer base grew, people began asking me to get their holiday items out of the storage space above their garage and return them after the season. I quickly found that at 60 years old, it wasn't easy to navigate the narrow steps and unstable



Magnetic mount attaches camera to bucket (left). Camera feed shows forks attached to the bucket (right).



DIY Bucket Camera

Larry Goodman had no good way to see the forks attached to the bucket of his backhoe. He purchased a wireless backup camera with a strong magnetic base and placed it inside the bucket, and placed the monitor on the windshield. It saves him from getting in and

out of the cab when using the forks.

Camera systems are available online from Amazon starting around \$80.

Contact: FARM SHOW Followup, Larry Goodman, Ionia, Mich. 48846 (goodmanexcavating@yahoo.com).

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Rope In A Can Is Handy In The Field

Drawing from over 20 years of hunting experience and a career as an electrical lineman, Chris Rodgers invented a handy carry-around tool.

"Many people pack rope in their truck, camper or 4-wheeler, and no matter what, it's always a tangled mess," says Rodgers. "We thought we could come up with a better way."

The better way turned out to be Rapid Rope, featuring two sizes of reusable plastic, shatterproof canisters that hold 50+ or 100+ ft. of coiled rope. The small canister is perfect in a backpack for camping or hunting, and the larger canister fits into a work truck's standard cup holder.

Rapid Rope is rated for over 1,000 lbs. of test cord strength and is cross-stitched every 1/4 in. to prevent unraveling when cut. The top of the canister features an integrated cutter blade to cut any desired length. The rope can be pulled from the canister in any direction, even upside down, without unspooling.

"Just take out as much as you need, wrap it around the cutter, and pull," Rodgers says. "You can even do it with one hand. The rope doesn't come apart but stays right there for the next time you need it."

He says it's become popular for outdoorsmen, farmers, workshops, hiking, gardening and having it available in the garage.

"We like to refer to it as dental floss on steroids," Rodgers laughs. "You never have to worry about carrying a knife or having a mess of rope to untangle."

Rapid Rope is manufactured in Idaho and distributed through a network of farm, ranch



and hardware stores. "We like to refer to it as dental floss on steroids," Rodgers laughs. "You never have to worry about carrying a knife or having a mess of rope to untangle."

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The 70-ft. mini canister, including rope, sells for \$19.95, and the 120-ft. canister retails for \$24.95. The 120-ft. refills are priced at \$14.95. S&H is free on domestic orders over \$85.

Contact: FARM SHOW Followup, Rapid Rope (ph 800-974-4703; info@rapidrope.com; www.rapidrope.com).

Made-It-Myself Ramp Lift

Larry Goodman, Ionia, Mich.: "I purchased a trailer to haul my mower, but the 4-ft. ramp was on too much of an angle to load. The mower deck was too low, so I installed a bracket on the ramp with a scissor jack to raise it."

Using a battery-powered impact with an extension, he can raise the ramp and load the tractor.

"It works great," says Goodman.

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