

Bridges are designed as kits and shipped in stacks of heavy-duty, laser-cut steel parts.



Steel Bridges Built For Tough Terrain

DIY-Bridge began as Eric Hill's personal solution for driving ATVs across his hilly, creek-filled property.

"It was hard to cross the gullies and creeks without getting stuck," Hill explains. "I'm a metal fabricator by trade, and about 15 years ago I built a couple of small bridges for myself to tackle these problems. People saw them and encouraged me to build and market them. Last year, I started DIY-Bridge after I couldn't ignore all the interest."

The bridges are designed as kits and shipped in stacks of heavy-duty, laser-cut steel parts. Assembly is straightforward.

"Start with the tubes that run the length of the bridge," Hill explains. "They've been laser-cut with Vs to give added strength, as they carry most of the weight and load."

Angled pieces connect the outer tubes to prevent vehicles from falling through. All parts are Grade 50 steel and hot-dipped galvanized for durability. No welding or bolting is required because components slide into place and pin together for a secure fit.

"I make them to flex with a lot of play, so the landing and takeoff spots across the creek or ditch don't have to be level," Hill notes.

The bridges can be installed on dirt, wood or concrete, with or without anchors.

"Once we know how the customer will fasten it down, we can cut the holes to what is desired," he adds.

Hill currently offers bridges suitable for ATVs, small tractors and trucks, with plans to introduce a super-duty version for heavy trucks and large farm equipment. The largest bridge pieces can weigh up to 500 lbs yet remain compact enough to be easily handled by loader tractors or skid steers.

"Even assembled, the bridges weigh less than 10,000 lbs, so buyers can take them off the truck, set the individual pieces on a nice flat spot, assemble them, and then just pick the bridge up and carry it to where it's needed," Hill says.

All bridges are custom-manufactured in Cincinnati, Ohio. Hill can add personalization if buyers are interested, laser-cutting a farm name or logo onto the side pieces.

Sold directly from Hill, kits start at around \$4,000 for the smaller models. A 12-ft by 24-ft bridge is about \$13,000, while heavy-duty models for truck traffic are expected to reach \$30,000 plus S&H.

Contact: FARM SHOW Followup, DIY-Bridge, 891 Redna Terrace, Cincinnati, Ohio 45215 (ph 513-227-1144; eric@DIY-bridge.com; www.DIY-Bridge.com).

Primer features a 1-in. suction and discharge and a 3/4-in. inlet. Its tapered design accommodates a range of product thicknesses.



Simple Tool Primes Pumps With Air

Innovation often begins with a simple idea, and for PPI Equipment, that spark led to the Air Primer. Designed to prime pumps quickly and efficiently, this stainless-steel unit can evacuate air from a 40-ft, 8-in. suction line in less than a minute.

The PPI Air Primer was built specifically for manure pump priming in drag lining, offering a significant improvement over exhaust or hand primers. After numerous machining trials, the PPI team settled on a "one-size-fits-all" design.

"In the manure industry for drag lining, every pump has a nearby compressor to blow out the lines, so we already have air at the site," notes Bryson Jibben, PPI's sales manager. "What we were surprised by was how many irrigation guys were interested. Many of them run it with an air compressor out of a service truck."

The primer features a 1-in. suction and

discharge and a 3/4-in. inlet. Its precision-tapered design is factory-set to accommodate various product thicknesses. Customers can easily add the necessary fittings and adapters to match their setup. Jibben recommends installing a ball valve at the suction end to maintain the prime and make operation seamless.

Manufactured in Illinois and shipped across North America, the PPI Air Primer is unique in the market.

"I don't know of any competitors," Jibben says. "At minimum, there's nothing like ours. Customers like them, and we've never had anyone return one."

The unit retails for \$750 plus S&H. Contact: FARM SHOW Followup, PPI Equipment, 1333 E. 1500 St., Quincy, Ill. 62305 (ph 217-440-2388; bryson@ppiequipment.com; www.ppiequipment.com).

Add-On Cleaners Protect Tractor Rims

To help grain farmers remove debris from their track tractors' rims, Ag Storm founder Benjamin Wenner designed Track Wheel Cleaners, a simple solution that effectively scrapes dirt and rubble from inside a tracked rim.

"The Track Wheel Cleaner kits clean the rims as you drive and prevent paint from wearing off where debris becomes trapped, causing a rusty mess on an expensive piece of equipment," says Travis Tobin, Ag Storm CEO. "They're tough and tried-and-tested to stay on."

Precision CNC fiber laser-cut parts deliver near-perfect tolerances, while a durable powder-coat finish provides long-lasting protection against wear and environmental conditions. The metal cleaners feature a weldless design, enabling quick installation in minutes. The innovative sliding clamp plate adapts to the unique contours of various track wheel edges, ensuring a secure fit. An updated design includes an outer set screw that prevents lift and keeps the plates permanently in place. Cleaners are available in multiple kits to fit all 2-track



Track Wheel Cleaner kits clean the rims as you drive and prevent paint from wearing off where debris gets trapped.

tractors, including Cat Challengers and JD RT tractors.

"The entire kit for a full tractor is eight scrapers sitting on the inside and outside of each rim," Tobin says. "They're unique, with no competitors out there."

Track Wheel Cleaner kits, made in Winner, S.D., are available through direct sales and a handful of dealers. Kits retail for \$399 plus S&H.

Contact: FARM SHOW Followup, Ag Storm, Winner, S.D. 57580 (ph 507-995-2321; www.agstormequipment.com).



Grinder uses a belt-driven system to transfer power from the chainsaw to a grinding wheel equipped with two replaceable tungsten carbide cutter teeth.

Chainsaw Attachment Grinds Tree Stumps

The Terminator Stump Grinder is a compact attachment that converts a standard Stihl chainsaw into a stump grinder. It was designed by Patrick Watts, who sought to address a common industry challenge: the lack of a portable, efficient solution for stump removal, especially in spaces with limited access.

Unlike traditional small grinders, which can be awkward to transport, the Terminator is designed for portability. It bolts directly to compatible Stihl chainsaw powerheads, specifically the 500i, 660, 661, 880 and 881 models, replacing the bar and chain. Although currently limited to Stihl, other brands may be considered in the future.

The device uses a belt-driven system to transfer power from the chainsaw to a grinding wheel equipped with two easily replaceable tungsten carbide cutter teeth.

"A single-wheeled leg supports the weight of the unit, enabling precise plunge-cut grinding without the operator getting overly tired," says Simon Bradshaw of the Terminator Sales Team. "A typical 12 to 14-in. dia. stump can be ground below the surface in under 10 min. Larger stumps are also manageable, though they require additional time."

Featuring a compact design and weighing

just 55 lbs, the Terminator is 33 lbs lighter than the closest competing attachment. It fits easily in most vehicles and can be quickly disassembled for transport. The central leg is bolt-free for rapid deployment, and the two quick-change cutter teeth can be rotated to expose new edges, reducing downtime.

The Terminator excels where larger machines can't reach. It's ideal for tackling small to medium-sized stumps in urban yards and hard-to-access locations.

"The tool goes wherever the operator can walk," Bradshaw says. "It's a game-changer for jobs in challenging spaces or slopes."

Removing stumps prevents rot, disease and pest infestations that can harm other plants. Contractors or landowners can expand their services by using the Terminator to eliminate hazards and generate additional income.

Designed and built in Oxfordshire, England, the Terminator ships directly to the U.S. Plans for Canadian distribution are underway.

The attachment is priced at \$3,400 plus S&H, excluding the powerhead.

Contact: FARM SHOW Followup, Terminator Stump Grinders, Shiplake Row, Binfield Heath, Henley-on-Thames, U.K. (ph +44 (0) 118 436 0899; info@chainsawattachments.com; www.terminatorstumpgrinders.com).