



Hydraulic-driven front wheels on self-propelled hoof trimming table make it easy to back into tight spaces. A front jack stand raises wheels off the ground for hooking up unit's gooseneck hitch.

Custom Self-Propelled Hoof Trimming Table

Dale Herr has never had a problem getting his hoof-trimming table into tight spaces. The self-propelled table can turn on a dime thanks to its hydraulic motor-driven front wheels.

"I had trailer-mounted tables before, but they were often difficult to back in where I wanted," says Herr. "Since I built this unit I haven't had a problem."

Herr had seen plenty of hoof trimming tables on the backs of trucks or trailers, but never anything quite like he wanted. He made a scale model in wood and took it to a metal fabricator in Virginia.

"I was never good at drawing ideas on paper, but I could build a model," recalls Herr. "They looked at the model and built the table."

Much of the 7-ft. wide by 12-ft. long trailer/table is a standard squeeze chute. Hydraulic cylinders set it upright on the ground or pick the cow up and lay her on her side to be trimmed.

Two heavy-duty, cross-table jack stands at the front and back of the table provide stability and level it. The mainframe and legs of the trailer are 5 by 7-in. steel tubing. The channel iron jack stands are raised and lowered by hydraulic cylinders inside the legs.

The front jack stand serves double duty. When fully lowered, it raises the front drive wheels off the ground for hooking or unhooking the gooseneck hitch.

Herr set the table up with dual hydraulic systems. A 10 hp. Briggs and Stratton gas motor with hydraulic pump powers the drive wheels. A chain drive runs from a hydraulic motor to a sprocket on the wheels. A hydraulic cylinder turns the drive wheels left or right.

Once the trailer is in place, he shuts down the gas engine and utilizes a 12-volt, battery-powered hydraulic pump for the jack stands and squeeze chute hydraulics.

"I use 2 marine batteries with a charger that I can plug in if an outlet is handy," says Herr. "It can handle 45 to 50 cows a day. If I went to a 24 or 48-volt system, the cylinders would work faster and I could do more."

After 2 decades of trimming hooves, Herr is ready to turn the table over to someone else. He will even provide hoof-trimming training. "I have it for sale for \$15,000," says Herr. "It's a good table and has made hoof trimming a lot easier."

Contact: FARM SHOW Followup, Dale Herr, 1525 Hollywood Ave., Lititz, Penn. 17543 (ph 717 330-0235).



Vogelzang removed mower's pto shaft and installed a hydraulic motor to match the hydraulic output of his skid loader.

Loader-Mounted Bush Hog

Bud Vogelzang didn't want to spend thousands of dollars on a hydraulic-powered bush hog mower for his tracked skid loader, so he made one from an old pto-powered, 3-pt. mower deck.

"I use it to cut down overgrown cattails and small trees on low, wet ground. It can cut trees up to 1 in. dia.," says the 84-year-old Vogelzang. "I can see the mower in front of me, so I'm less likely to get stuck than I'd be with my loader tractor."

The hitch hooks up to a 3-pt. adapter bracket that Vogelzang had previously built and welded to the skid loader's quick-attach.

He removed the pto shaft and turned the hitch to the back, then bought a hydraulic motor to match the hydraulic output of his New Holland C232 skid loader.

He also installed a pressure flow relief valve and a bypass/check valve, both purchased from Surplus Center, Lincoln, Neb. (ph 800 488-3407; www.surpluscenter.com). "The check valve allows the disc blade to spin after the hydraulic power is shut off," notes Vogelzang.

Contact: FARM SHOW Followup, Bud Vogelzang, 13 1/2 3rd Ave. S.W., Sioux Center, Iowa 51250 (ph 712 441-1037).



CrossCutter Disc works at a shallow depth, leaving crop residue at or near the surface. Discs are mounted on rubber-suspended arms to closely follow ground contour.

New Disk Uses Ultra-Shallow Tillage

The CrossCutter Disc from Swedish-based Väderstad Industries offers ultra-shallow tillage. The new concept involves working intensively at depths of an inch or less. It could be a common sense solution to U.S. and Canadian farmers dealing with increasing herbicide resistance as well as terminating standing cover crops.

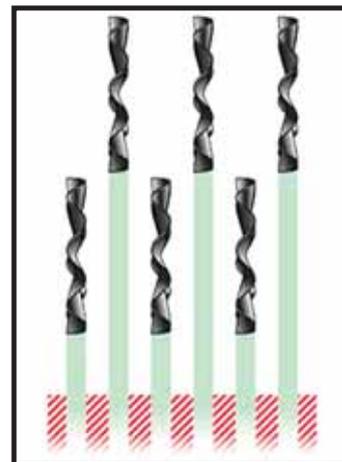
"The CrossCutter Disc performs outstanding in oilseed rape stubble, cover crops, and grain stubble, as well as plowed land," says Mattias Hovnert, Väderstad Industries. "It has a low horsepower requirement and works at speeds up to 12 mph."

The secret behind the tool and the concept is the extreme wave in the disc, giving it a 4 1/2-in. working width. Discs are produced from high-quality Swedish steel and hardened for longer life. Each disc is mounted to its own rubber-suspended disc arm. This allows it to effectively follow the ground contour.

The disc design offers what the company describes as full cut-out and an intensive mix at the shallow depth. The combination of intensity and shallow depth leaves crop residue (including from cover crops or weeds in stubble) at or near the surface. With less soil being moved, less fuel is used. The tillage method can be used to create a stale seedbed. Once weeds have emerged, a second pass eliminates them and creates an ideal seedbed.

The intensive cutting and mixing terminates a standing cover crop. A single pass turns it into mulch, mixing it with the soil for rapid breakdown.

"We introduced the CrossCutter Disc and ultra-shallow tillage in North America in 2018," says Melissa MacLean, Väderstad



Extreme wave in disc provides it with a 4 1/2-in. working width.

Industries. "It has become very popular in Sweden and has been well adopted in canola stubble and similar crops in Canada. It works well in both organic and conventional farming."

MacLean recommends mounting the CrossCutter Discs on the company's Carrier disc cultivators. "They can be mounted on all our Carriers from 10 to 40-ft.," she says. Contact company dealers for pricing, due to the range of options involved.

Contact: FARM SHOW Followup, Väderstad North America, Box 123, Langbank, Sask. Canada SOG 2X0 (ph 306 538-2221; toll free 800 667-4295; information.vi@vaderstad.com; www.vaderstad.com/ca-en).

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Burrey Carburetor Repair can repair or rebuild almost any tractor carburetor. They specialize in Case, Farmall, Oliver, Ford and Massey Ferguson tractors.

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Contact: FARM SHOW Followup, Burrey Carburetor Service, 5026 Maples Road, Fort Wayne, Ind. 46816 (ph 260 447-6347; www.burreycarb.com).