

Copper Battery Terminals

“They have 10 times more conductivity than commonly-used lead terminals, the leading cause of battery failure,” says Don Fleming, president of DF Sales.

Fleming feels many farmers mistakenly blame battery failure on the battery itself when the problem is with the connecting cables. “Most batteries are hooked up using conventional copper cables with bolt-on terminals made of lead affixed to each end. Lead has a conductivity of only 8 to 10%, compared to 97% for copper.” To get batteries hooked up with virtually no loss in conductivity, DF Sales has introduced crimp-type connecting terminals, constructed of copper with a corrosion resistant-plating, for making your own highly-efficient battery cables.

“We think our new copper terminals are, by far, the best choice available for hooking up batteries. The connections are copper to copper so there are no dissimilar metals involved to cause resistance or to create corrosion. We also have developed an exclusive teflon-coated heat-shrink sleeve which seals cables and connectors against battery gas, moisture, oil and anything else that can cause corrosion.”

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Reader Inquiry No. 120

Skid Loader-Mounted Wood Splitter, Tree Shear, Limb-Trimmer

“Our new skid loader-mounted wood splitter can be set up three different ways to do different jobs. It can split wood, shear standing trees and haul them away, and prune tree limbs up to 16 ft. high. It’s a multi-purpose machine that gives you a lot of value for your money,” says Nathan Messer, Messer Repair & Fabricating LLC, Sauk Centre, Minn.

The machine quick-taches to the skid loader arms and is equipped with a 10-in. tall, 4-way splitter blade and a 5-in. dia., 36-in. long hydraulic cylinder that can split logs up to 36 in. long. The vertical part of the 4-way splitter blade is welded to the boom.

The operator can split wood with the boom mounted sideways or in an outstretched position. An angled steel brace is used to reinforce the boom whenever it’s in the outstretched position.

The 4-way splitter blade consists of a single vertical blade welded onto the boom, with a cross blade that bolts onto it. With the boom mounted sideways, the operator can unbolt the cross blade and bolt a U-shaped push bar/catcher onto the boom, allowing him to shear trees up to 8 in. in dia. at ground level and also catch them and haul them away.

The boom can also be used to prune tree limbs up to 16 ft. high. The operator just removes the horizontal part of the splitter blade, then raises the boom and extends the hydraulic cylinder.

“It allows you to do a lot of different jobs at a very reasonable price,” says Messer. “You have a good view with all operations in front of you. The nice thing about having the boom in an outstretched position is that you can grab a piece of wood, lift it over a trailer or wood pile, split it, and drop the pieces directly onto the trailer or wood pile.

“The push bar/catcher helps protect both the machine and the operator when shearing trees. It also catches the tree so you can place it wherever you want it.”

The wood splitter/tree shear sells for \$2,875 plus \$125 shipping and handling.

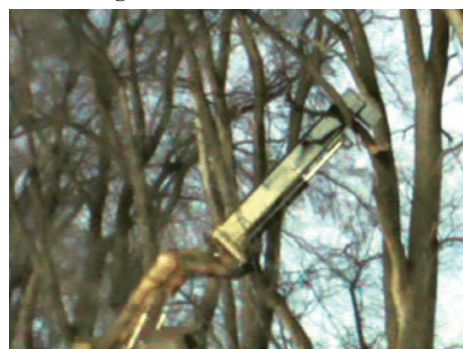
Contact: FARM SHOW Followup, Nathan Messer, 42739 County Road 184,



Multi-purpose machine is equipped with a 10-in. tall, 4-way splitter blade with the vertical part welded to boom. Splitter’s cross blade is bolted on.



By unbolting cross blade and bolting a push bar/catcher onto boom, operator can shear trees, catch them, and haul them away (above). Boom can also be used to prune tree limbs up to 16 ft. high.



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Reader Inquiry No. 119

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