Bumper-mounted boom is supplied by a 25-gal. tank that mounts in pickup bed. Main boom measures 78 in. long while the fold-up wing boom is 47 in.

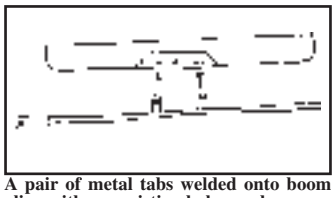
Bumper-Mounted Spray Boom Operates Off 12-Volt Pump

"I use it to spray weeds along fence lines and in odd spots around our farm. It applies chemicals much more evenly than a spray wand and reduces exposure to the operator," says Alan Saathoff, Hondo, Texas, about the homemade spray boom he bolted onto the rear bumper of his Chevy pickup. It operates off a 12-volt motor and is supplied by a 25-gal. tank that mounts in the pickup bed.

The boom is made from 1 1/2-in. sq. tubing and is hinged near the middle. The main boom measures 78 in. long while the wing boom is 47 in. A pair of metal tabs welded onto the boom line up with pre-existing holes on the bumper.

The tank and motor are one unit and were originally designed to be used with a wand. A hose runs from the tank, over the pickup tailgate, and down to a "T" fitting on the boom. To operate the boom, Saathoff uses an "on-off" tether switch that runs from the motor up through a sliding glass window and into the cab.

The nozzles are on 19-in. spacings. The main boom section has five nozzles while the wing boom has three nozzles. Each boom section has its own valve, so Saathoff can use either section by itself, or both at same time.



A pair of metal tabs welded onto boom align with pre-existing holes on bumper.

"It won't replace a spray wand completely, nor is it designed to spray large areas. However, it works a lot better than using a spray wand out the window of my pickup as I had been doing, where a gust of wind would sometimes blow spray back into my face," says Saathoff. "It also applies spray more evenly than a wand and reduces the chance that I'll miss a spot.

"Another advantage is that it saves time. With a spray wand, I always had to vary my speed or even stop, depending on the weed density. Now I can drive at a consistent speed and get more done."

Contact: FARM SHOW Followup, Alan Saathoff, 909 CR 331, Hondo, Texas 78861 (E-mail: alsaathoff@hondo.net).

To make feed wagon, Snellings welded two Deere 55 combine grain tanks together.

Feed Wagon Built Out Of Old Combine Grain Tanks

"We use it to fill creep feeders for calves. It doesn't hold a lot of feed but then I didn't spend a lot of money to build it, either," says Gene Snellings, Montreal, Mo., who converted a pair of Deere 55 combine grain tanks into a feed wagon.

The tanks were laying around after Snellings converted a pair of Deere 55 combines into a loader tractor (Vol. 25, No. 5). He used all of one tank, including the 9-in. dia. unloading auger, and part of the other. He welded the two tanks together. The machine's pto, clutch, and gearbox are from a New Idea hay conditioner. He welded a sprocket onto the end of the pto shaft, which chain-drives the auger.

The rig's axle, tires, and frame are off a Ford pickup, while the tongue was made from sq. tubing.

"I spent only about $150 to build it," says Snellings. "The hopper holds about 65 bu. which is big enough for my needs. I use it either with the auger folded out, to fill creep feeders, or with the auger folded in, to fill feed bunks. I welded a ladder onto each side of the hopper for easy access, and I had a tarp cover made for the hopper."

Contact: FARM SHOW Followup, Gene Snellings, 222 Cowboy Road, Montreal, Mo. 65591 (ph 573 346-4733).

Skid steer-mounted, hydraulic-operated chain saw mounts at end of 18-ft. long boom.

"Trim-A-Limb" Chain Saw

"It lets me safely and quickly cut tree limbs along roadsides, fence rows, and near buildings," says Lynn Smith, Battle Creek, Mich., about his skid steer-mounted, hydraulic-operated chainsaw that mounts at the end of an 18-ft. long boom.

The "Trim-A-Limb", as Smith calls it, reaches more than 20 ft. high. It uses a Stanley hydraulic-operated saw with a 40-in. blade. The 18-ft. boom bolts onto brackets that slip over the skid steer's pallet forks. A hydraulic line runs up through a small pipe to the saw, which is bolted onto a spring-loaded steel plate.

"I used it last year to cut tree limbs along about five miles of fence rows, as well as along roadsides. It has a lot of advantages," says Smith. "I don't have to climb up a ladder, stand in a loader bucket, or use other makeshift methods to reach overhanging branches. I can use it to reach limbs 25 ft. high and 10 ft. from the operator's seat, so the limbs fall a safe distance away from the skid loader. The spring-loaded mounting plate allows the saw to 'float' without putting a lot of down pressure on the saw, so that it doesn't bind.

"Another advantage is that a skid loader isn't as tall as a loader tractor and can more easily slip under overhanging limbs.

"The Stanley saw was originally designed to be used underwater for reclamation work on sunken ships. I bought it from a dealer in Michigan for $1,900. It has a built-in chain oiling system that uses only hydraulic oil. No other chain oil is required so I never have to fill it with fuel or oil. I also bought two other blades for the saw that are 24 and 30 in. long. The toggle switch allows me to run the saw chain in either direction. A quick coupler device allows me to remove the saw from the pipe and use it for handheld work.

"The 6-in. dia. pipe has a smaller, telescoping pipe inside with a series of holes in it. The two pipes bolt together. I can adjust the length of the boom by simply repositioning the inner pipe."

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Boot Scraper, Brush Mount On Push Broom

Cleaning muddy boots isn't a problem any more for Alan McGregor, Charles City, Iowa, who attached an 8-in. wooden scrub brush and a 7-in. piece of 1-in. aluminum angle iron to the top of an 18-in. brush broom.

"I call it my 3-in-1 broom. It's easy to assemble, and I can take it with me anywhere I go. My wife appreciates it because I don't drag as much mud into the house," says McGregor. "I use the bottom of the broom to clean off the sides of my boots first, and then I use the angle iron to scrape the soles. I use the top brush to remove any remaining debris.

"I keep the broom wherever it's convenient, such as next to the barn or shop door or even in trucks. Keeping these areas cleaner reduces the possibility of spreading disease."

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McGregor attached an 8-in. wooden scrub brush and a 7-in. piece of 1-in. aluminum angle iron to top of an 18-in. brush broom.

He uses top brush to remove debris off the soles of his boots.