



The 21-ft. long boom mounts on back of Berberat's 1-ton truck and is hinged, allowing it to pivot 180 degrees and pull clean water out of ditches or streams.

Suction Boom Makes Tank Filling Easy

Pulling clean water out of ditches or streams for spraying is a lot easier with this new winch-operated boom that eliminates the need to handle suction hoses.

The patent-pending "Lazy Boom" is the brainchild of Charlie Berberat, who got tired of slogging around in mud to wrestle hoses into and out of water during spraying season.

The Roblin, Manitoba, farmer built the 21-ft. long boom to fit the 12-ft. box on his 1974 International 1-ton truck. The truck is equipped with a 3 hp, 2-in. dia. suction pump and 1,250-gal. tank. The boom is constructed of 2-in. sq. steel tubing. Six hose carriers made from sections of 4-in. dia. pipe hold up to 3-in. dia. suction hose.

The boom mounts on the rear of the truck

box on a hinge that allows it to pivot 180 degrees.

It's raised and lowered by a 1,500-lb. grain auger winch that's anchored to the side of the box.

The boom could be mounted on any truck or trailer and is light-weight enough that one person can easily attach and detach it.

"It takes all the work out of handling hoses. Plus, it prevents the possibility of theft of hoses and pumps left in dugouts during spraying season," says Berberat.

He sells the booms in lengths to fit any size truck or trailer box. Starts at \$970 (Canadian).

Contact: FARM SHOW Followup, Charlie and Claire Berberat, Box 657, Roblin, Manitoba, Canada R0L 1P0 (ph 204 937-4781).



Boom is raised and lowered by a grain auger winch that's anchored to side of box.

"Mouse Wall" Protects Stored Equipment

Mice can do thousands of dollars of damage to combines, tractors, trucks and other stored equipment. Kansas farmer Bill Morris found a simple way to protect equipment. The idea worked so well he decided to patent it and put it on the market.

Morris's idea is simply to encircle each piece of equipment with an 18-in. high wall of rigid plastic. The plastic wall must be set up on a solid, flat surface. It's sold in 32 or 64 ft. rolls.

"It eliminates the need for poisons and traps and you don't have dead mice around all the time smelling the place up," says Morris. "It takes just 2 minutes to set up each mouse wall. You can put it up in the fall around your combine, and the following spring there will be nothing to clean up when you get ready to

move the combine out. It also works great for protecting leftover seed bags.

"The plastic is rigid enough to stand up by itself but we do supply slotted wooden supports with the kit in case extra strength is needed.

"I haven't tried using it on a dirt floor, but I think mice would probably tunnel under. A mouse can jump about 12 to 14 in. high which is why we went 18 in. high. A 64-ft. roll will fit around most trucks, tractors, and combines. A 32-ft. roll will fit around planes."

A 32-ft. roll sells for \$34.95 plus S&H; a 64-ft. roll sells for \$59.95 plus S&H. Custom lengths are available.

Contact: FARM SHOW Followup, B & K Co., 19624 Four Corners Rd., Bunker Hill, Kan. 67626 (ph 785 666-4488).



Bridge hitch goes up and over the first baler to a two-wheel engine platform ahead of second baler. A 40 hp gas engine direct-drives the rear-baler pto.

"IT COST LESS THAN HIRING ANOTHER TRACTOR DRIVER"

Farmer-Built Hitch Pulls Two Balers At Once

"It lets one man do the work of two," says Bill Stahl who, along with his son William, built a 27-ft. long bridge hitch that lets them operate two New Holland square balers at the same time.

The Stahls already owned the two balers. The bridge hitch goes up and over the first baler to a two-wheel engine platform - fashioned from the rear axle and wheels off an old Massey combine - that's positioned ahead of the second baler. A 40 hp Continental gas engine direct-drives the rear-baler pto. The front baler is powered by the tractor pto.

The rear engine is controlled from the cab. Wiring runs through the hitch. An electric window motor controls the engine's throttle. A tachometer and shut-off switch mount in the cab. The Stahls apply preservatives to their hay when needed. Controls for applying preservative at the second baler are also in the cab.

The axle at the back of the hitch is designed to run at a slight angle. The engine hydraulically pivots to stay in line with the baler's pto shaft when turning at the end of the field. The engine rides on a steel platform that is free to swivel on a pair of heavy wall pipes that ride inside two other pipes. The platform is connected to a tie rod on the axle and is pushed or pulled by a hydraulic cylinder - the same cylinder that originally controlled the steering wheels on the combine.

"We've made about 500 tons of hay with it for the last three years with no problems," says Stahl. "On a good day we can put up 3,400 60-lb. bales. We built it because we figured it was cheaper to build the hitch than it was to hire someone to operate a second baler. We spent about \$5,000 to build it. About \$4,000 of that was for the engine



Axle at back of hitch is designed to run at a slight angle. Engine hydraulically pivots to stay in line with baler's pto shaft when turning at end of field.

which we bought new. The rest was for steel. A round baler might have cost less. However, most of our hay goes to horse owners in Virginia and Maryland who want premium quality, small bales.

"The bales are not modified in any way so if we want we can unhook from the hitch and run the machines conventionally.

"The distance between the front of the tractor and the bale chute on the rear baler is 60 ft. We find that it does require some skill to operate two balers at once. Fortunately we have nice level fields and plenty of room to turn. We drop the bales on the ground and pick them up later with a self-propelled automatic bale wagon."

The hitch is hooked to a homemade fifth wheel hitch that replaces the tractor's 3-pt. hitch. The operator hydraulically swings the second baler right behind the first one for transport.

Contact: FARM SHOW Followup, William D. Stahl, RR 1, Box 285, Loysville, Pa. 17047 (ph 717 789-3244).



An 18-in. high wall of rigid plastic encircles each piece of equipment, keeping mice out. Eliminates the need for poisons and traps.