



Pull-type boom is shown lifting top half of 10,000-bu. bin that Van Boening moved to another location.

“Elevator-Style” Boom Lifts Up To 34 Ft. High

Using mostly junk material, Chuck Van Boening, Bladen, Neb., built a pull-type “boom” that he uses to take down or erect grain bins and do other high-lift jobs like putting up rafters on pole sheds.

Van Boening recently sent FARM SHOW photos of the rig lifting the top half of a 10,000-bu. bin that he moved to another location.

The two-wheeled rig looks somewhat like a bale elevator except that it has a steel catwalk on it instead of a chain and apron. The catwalk came off the top of a wrecked railroad car and has a safety railing on both sides of it. The back part of the catwalk angles downward so that when the rig is raised to its maximum height – 36 ft. – the catwalk extends almost straight out. The machine is raised or lowered by an orbit motor that operates off tractor hydraulics and drives a heavy-duty winch. A chain and big hook do the lifting.

The rig’s main frame is made from 1/2-in. angle iron and oil field pipe. The 24-in. high wheels are off an old Baldwin self-propelled combine and the axle is off a Deere self-propelled combine, which Van Boening widened by welding on more steel. The wheels are spaced 16 ft. apart.

“It’s built heavy and works great. “However, it took a long time to build,” says Van Boening. “I worked on it on and off for a month. I recently used it to repair a 50-ft. high radio antenna next to our house. The first time most people see it they have no idea what it is.



Two-wheeled rig looks like a bale elevator instead of a chain and apron that has a steel catwalk.

“It cost a lot less to build this boom than to hire a crane, and it works much faster than using bin jacks. Whenever we move a bin we hook a tire onto the chain in order to evenly distribute the bin’s weight. Whenever we take grain bins apart we have four men operating electric wrenches— two inside the bin and two outside it. It takes us less than four hours to take a bin down.

“The winch runs pretty slow so it doesn’t jerk. It’s a worm drive model so it can’t ‘free wheel’, which could be dangerous.”

Contact: FARM SHOW Followup, Chuck Van Boening, Rt. 1, Box 44, Bladen, Neb. (ph 402 756-3842).

Protective Screen Protects Tractor Driver

Don Cranfil, Hillsboro, Ill., does a lot of mowing at speeds up to 10 mph with this 7-wheel rotary mower. That sends a lot of clippings into the air, along with other objects that might get in the way of the mower.

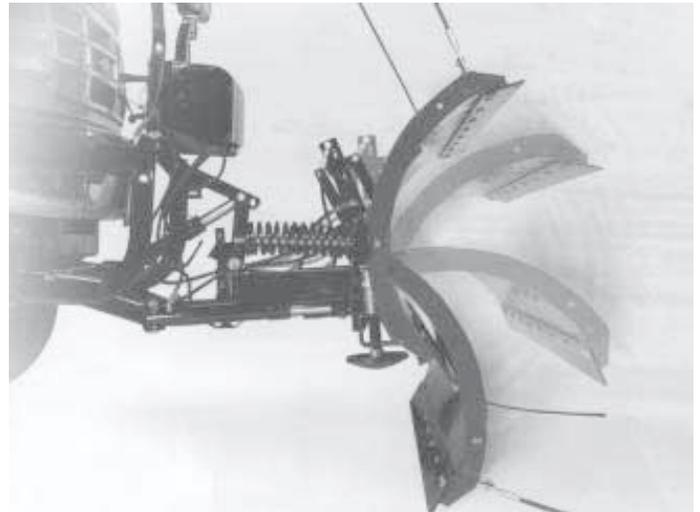
To protect himself, Cranfil crafted a heavy-weight screen made of expanded diamond cut steel of the kind used largely for catwalks.

To hold the screen in place, he built a frame of 1-in. square metal. The screen bolts to the fender. An angle brace gives it extra support.

Contact: FARM SHOW Followup, Don Cranfil, 11 Lakevrest Lane, Hillsboro, Ill. 62044 (ph 217 532-2797).



To protect himself from flying objects, Cranfil made an expanded metal screen and bolted it to his tractor fender.



A hydraulic cylinder is used to fold top 3/4 of blade forward 180 degrees. A joystick control in cab is used to rotate blade.

“Push Pull” Snow Blade Makes Plowing Easy

At the push of a button, the blade on this new pickup-mounted snow plow converts into a backdrag plow, allowing you to pull snow away from walls, doors, and other enclosed areas.

Hiniker Co.’s “C-Plow” is an 8-ft. wide, 30-in. high, curved blade. The bottom 1/4th of the blade is fixed. The top 3/4th hinges down, controlled by a hydraulic cylinder and a pair of trip springs. The blade folds forward 180 degrees so it overlaps the lower 1/4 portion. A joystick control in the cab is used to rotate the blade and also to raise and lower it and to change the blade angle from left to right or visa versa.

“It lets you get in close and drag snow away, then reverse the blade to push it off,” says Mark Miller. “Because you’re pulling snow, you never have to turn the pickup around in order to ‘back drag’. The blade can be equipped with clip-on box ends to trap snow, decreasing spillage and increasing re-



Lets you get up close to garage doors and walls to drag snow away.

moval capacity.”

The C-Plow blade is recommended for domestic 3/4-ton and larger pickups.

Sells for \$3,900 installed.

Contact: FARM SHOW Followup, Hiniker Co., Airport Road, Box 3407, Mankato, Minn. 56002 (ph 507 625-6621; fax 5883; Website: www.hiniker.com).



Double spears fold up out of the way, leaving drawbar accessible .

Fold-Up Bale Spears

The double spears on this new 3-pt. round bale mover are designed to fold up out of the way, leaving the drawbar accessible and making storage and travel safer.

When folded out, the twin spears can carry up to 2,000 lbs. In transport position, the spears cross each other to form an “X”. To

fold the spears down you simply pull a pin out of a latch that holds the rear spear.

Sells for \$135 plus S&H.

Contact: FARM SHOW Followup, Double L Group Ltd., 2020 Beltline Road, Box 324, Dyersville, Iowa 52040 (ph 800 553-4102).