

## 30-Ft. Flexible Spout Extension For Filling Grain Bags

Lloyd Garthus, Admiral, Sask., began making flexible spout extensions for combine unloading augers more than 15 years ago (Vol. 20, No. 2).

"The problem is that when you're unloading into a truck or wagon on-the-go on a windy day, you can lose a lot of grain because of the distance it has to drop from the end of the auger to the truck or wagon box. My spout extension remedies that problem by channeling grain into a smaller drop pattern," he says.

His original invention is a 4-section polyethylene drop tube extension that's 4 ft. long. Today it's available in 14, 18, 21, and 26-in. dia. sizes.

He recently sent FARM SHOW photos of a 30-ft. long spout he made for a farmer last fall who uses it to load his grain bagger with his auger and semi truck instead of having to use a smaller grain cart or tandem axle truck," says Garthus. "He ran 150,000 bu. through it with no problems."

The system consists of four 4-ft. long sections that slide in and out of each other plus 20 sections of flexible spout that attach



The 30-ft. flexible spout extension makes it easier to fill grain bagger with an auger and semi truck, instead of having to use a smaller grain cart or tandem axle truck.

to the auger. One end of the spout attaches to any auger from 60 to 100 ft. plus long and 10 to 14 in. in dia. and the other end attaches to the hopper on top of the bagger.

"Having this much length attached to the spout allows for 22 to 24 ft. of travel with the

tractor and bagger, without having to stop and move the semi," says Garthus.

The 30-ft. spout sells for \$1,600 to \$1,800, depending on the diameter. Garthus says he's looking for dealers.

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James Bohn used the fiberglass topper off an old Chevy S-10 pickup to make this canopy for his Mahindra 25 hp loader tractor.

## Tractor Canopy Made From Pickup Topper

"It looks a little different but it works great," says James Bohn, Mount Savage, Md., who made a canopy for his Mahindra 25 hp loader tractor using the fiberglass topper off an old Chevy S-10 pickup. It's bolted to the tractor's rollbar and is complete with round "porthole" windows on both sides for better side vision. It's painted Mahindra red.

"I use this little 4-WD tractor for a lot of different jobs, so my homemade canopy comes in handy all year long," says Bohn. "It makes an ideal weather top in any season. When it's warm outside I can lift the hinged back part of the topper. I leave it closed in colder weather."

He bought the topper at a yard sale for \$50. It was equipped with a sliding window on front which he cut off. He also cut off the rest of the front and halfway back on both sides. He removed the topper's original side windows and installed a round window in their place. The window is actually a piece of square glass mounted in a section of 1-in. thick wood with a circle cut into it.

He mounted emergency lights on top for use when operating a snowblower. He added West Coast and concave mirrors on each side, mounting them on lengths of 1 by 2-in. tubing that clamps onto the tractor's loader brace supports. He also added braces on front to support the topper's overhang.

"It turned out good. I didn't have to drill any holes in the tractor at all," says Bohn.



"When it's warm I can lift the hinged back window on the topper. I leave it closed in cold weather," says Bohn.

"I was lucky to find this particular topper because it has a long, angled window on front that faces skyward. As a result, I can still see the loader bucket at its highest position without having to bend forward and look under the front edge of the roof."

As a finishing touch, he mounted a waterproof, 50-caliber ammo box on one side of the tractor for use as a toolbox. His grandson also added a set of cow horns on front of the tractor.

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John Headings used 1/4-in. plywood to make this cab for his Kubota 51 hp 4-WD tractor. Blower fan on top of cab helps him stay cool during summer.

## Tractor Cab Built For \$100

"I started out planning to build a sun shade for my Kubota 51 hp 4-WD tractor, but I ended up with a complete cab," says John Headings, Kansas, Okla., who recently sent FARM SHOW photos of the finished cab.

He used 1/4-in. plywood to make the cab and plexiglass for the windows. "It keeps me warm during the winter, and I use a blower fan on top of the cab to stay cool during summer," says Headings.

The cab sides and roof are made from 1 by 4's, 2 by 4's and plywood. There's a door on one side and large plexiglass windows on all 4 sides. The window on the right side of the cab opens. The cab bolts to the tractor's rollover bar and floorboard. Vinyl fills the space between the tractor's hood and windshield.

The cab is equipped with a stereo radio,

carpet on the floor, mirrors on the sides, and an electric blower on top that blows fresh air through a K&N filter.

"It isn't fancy, but I really like it," says Headings. "I've got very little money in it, because I bought the lumber, radio, speakers and mirrors at auctions. I salvaged the blower from an old pickup. My total cost was only about \$100."

"The cab's front posts are screwed on from the bottom using existing holes in the floor. There's nothing permanently fastened to the tractor."

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