



Extension bracket puts lights out in front of header for better visibility. Paper streamers hanging from light in photo show where light hits.

## “Out Front” Combine Light Shines On Crop

“It puts light right where you need it,” says the inventor of a new combine cab-mounted extension kit that puts light out in front of the header.

“Putting the lights in front of the dust cloud lights up the crop instead of the reel and the dust cloud over the feederhouse,” says Grant Hanson, inventor and manufacturer.

Hanson’s “Right Light” consists of three lengths of 1 in. sq. tubing anchored to the front of the grain tank and braced by sup-

ports on top of the cab.

Seven 50-watt Halogen flood lights - four fanning forward and three fanning down - mount at the end of the framework, which extends 1 to 1 1/2 ft. in front of the reel.

The new light system will fit any make or model combine, Hanson says. He hopes to have the system on the market later this year.

Contact: FARM SHOW Followup, Glenridge Inc., 186 N. Highway 55, Glenwood, Minn. 56334 (ph 320 760-1485).



Three 3/4 hp electric motors fitted with 19-in. long blades are powered by a generator.

## Between-Row Mower Made From Electric Motors

“I had a bad problem with wild oats last year. The situation developed after it was too late to use herbicides,” says Don Waldorf who quickly designed a between-row mower to save his certified 40-acre grass seed field.

The mower attaches with a pin to the back of Waldorf’s roguing bike, which he uses for in-season crop work.

What makes the mower unique is that Waldorf used three 3/4 hp electric motors. Each motor is fitted with a 19-in. mower blade.

The mower frame is built out of sq. tubing and rides on dirt bike wheels on 48-in. centers to straddle Waldorf’s 24-in. rows.

Separate switches control each motor, which Waldorf mounted so the blades cut 1 1/2 in. above the ground.

Power is supplied by a gas-powered 4,500-watt Kohler generator he got out of a motor home. “It’s a lot more than I really needed but I was looking for a quick fix and I had this around,” he says.

Like the bike, the mower frame has 36 in. of ground clearance to keep the number of seed heads knocked off to a minimum.

Waldorf used the mower last year to cut wild oats and other weeds just before rows closed (when the crop was 2 to 3 ft. high).



Blades are set to run 1 1/2 in. above the ground.

“If anyone considers building one of these mowers, utmost safety must be observed during operation because blades are unshielded,” Waldorf notes.

Out-of-pocket expense was less than \$300 (Canadian).

Contact: FARM SHOW Followup, Don Waldorf, Box 352, Nipawin, Sask., Canada S0E 1E0 (ph 306 862-4793).



Tree planter is equipped with a pair of 16-in. dia. steel wheels that weigh 45 lbs. apiece.

## The “Cadillac” Of Tree Planters

“There’s no tree planter on the market that plants and packs as well as this one. It eliminates having to go back and ‘toe’ them in after planting,” says Dean Buskirk about the tractor-pulled tree planter he and his brother, Dave, designed and built a few years back. They also use a commercial mulch-laying machine that lays a 6-ft. wide strip of landscape fabric over the new trees.

The “TP 2000” tree planter works so well one of western Nebraska’s Natural Resource Districts uses one.

The machine’s key to success is the rear-mounted press wheels, a pair of solid steel 16-in. dia. wheels that weigh 45 lbs. apiece. They rotate independently so downpressure remains constant even across uneven terrain.

Because the press wheels have adjustable spring tension, they can be set for both no-till and prepared sites.

The 5 1/2-ft. wide by 8-ft. long machine features a large 20-in. dia. coultter in front, a hard surfaced shoe, and a small pneumatic gauge wheel in the middle.

It’s equipped with two rear seats for riders, adjustable leg rests to comfortably accommodate both short and tall riders, and two tree bucket baskets.

Having riders facing backward instead of forward, makes it easier to see where they’ve been and, thus, to space trees more evenly, Buskirk notes.

The Buskirks pull the rig with their Deere



The Buskirks use a machine that can cover planted trees with a 6-ft. wide strip of plastic mulch.

3020 tractor. “You need at least a 60 to 70 hp tractor to pull it,” Buskirk says.

Their company, Trees Are Us, has used the machine to plant 75,000 small bare root trees this year. As soon as the trees are in the ground, they’re covered by a 6-ft. wide strip of fabric using their commercial mulch layer.

The tree planters sell for around \$5,500.

Contact: FARM SHOW Followup, Trees Are Us, 7355 Gage Road, Hemingford, Neb. 69384 (ph 308 487-3961 or 3995; E-mail: dsbuskirk@bbc.net).

## Add-On Fuel Tank For Axial Flow Combines

“I came up with the idea because I was tired of running out of fuel right in the middle of a field,” says Richard Foisy, Cut Knife, Sask., who designed an add-on 36-gal. fuel tank for his Case-IH Axial Flow combine that worked so well he decided to put it on the market.

The add-on poly tank fits any self-propelled Axial Flow combine ever built. It’s designed to slide in next to the original 100-gal. fuel tank, under the outer shell of the combine.

Foisy says the tank is so easy to install, and so easy to plumb into the existing fuel tank, that he was amazed no one had ever come up with the idea before. The metal frame of the tank bolts to the underside of the catwalk on top of the combine. The filler cap extends up through the catwalk (you have to cut out a hole for it).

The fuel line from the add-on tank simply plumbs into the existing fuel filter, which Foisy says has two extra intake plugs. “I don’t know why they’re on there but it makes it easy. You just pop out one of the plugs and plug in a fitting that we supply with the tank and you’re ready to go. It’s very simple. There are no wires to run and no pumps or



Add-on 36-gal. poly gas tank slides in next to the original 100-gal. fuel tank, under the outer shell of the combine.

electric valves to fail.”

On newer models, a large door opens on the side of the combine exposing the add-on tank. On older models, you slide the tank up under the canopy.

Sells for \$389 (Canadian).

For more information, contact: FARM SHOW Followup, Richard & Noreen Foisy, Prairie Innovations, Inc., Box 464, Cut Knife, Sask. S0M 0N0 Canada (ph 306 398-4750; E-mail: rn.foisy@sk.sympatico.ca).