



Charles Corzatt and his hired man, Greg Deitrich, used components from two IHC 715 combines and a New Holland TR 70 combine to build the sprayer. It has a 60-ft. boom.



They used the front axle and cab off one of the 715's and the motor and hydrostatic drive off the other. Rear axle is off the New Holland combine. Note 750-gal. spray tank.

HIGH-CLEARANCE SPRAYER COVERS 50 ACRES A DAY

By C. F. Marley

## SP Spray Rig Built From Three Combines

Hundreds of spray rigs have been built out of combines over the past few years. We recently tracked down an Illinois farmer who took the idea one step further. He built a high clearance spray rig out of three combines.

Charles Corzatt and his hired man, Greg Deitrich, built the sprayer last winter. It's equipped with a 60-ft. boom.

"Not only can we cover a lot of ground - 50 acres in an hour and a half - but it frees up the tractor we used before to pull our 45-ft. sprayer," says Corzatt.

The men started with two IHC 715 combines Corzatt bought for the project and the

rear axle off a New Holland TR 70 combine a neighbor gave him. They used the front axle and cab off one of the 715's and the motor and hydrostatic drive off the other.

They built a frame out of two 24-ft. lengths of sq. tubing and mounted the IHC combine motor on the rear, using the original engine frame off the combine to support it. They mounted the cab up front on semi truck air bags.

They fitted front rims with high profile 13.6 by 38 in. tires, which improve flotation, and back rims with 12 by 38-in. tires. The rear axle off the New Holland combine mounts

on a bolster, same as used on a combine rear axle, to allow wheels to rock independently over rough terrain. A 750-gal. Raven spray tank mounts ahead of the engine, while a 200-gal. rinse tank mounts just behind the cab.

A new Hardy 60-ft. hydraulic fold boom mounts on front, fitted with a Smucker foam marker system. The original combine reel drive drives the spray pump, which mounts halfway back under the catwalk on left side of the machine, and functions are controlled from the cab with a Micro Track monitor.

"Making linkages between the motor and cab and redoing the wiring was the hardest part of the project," Corzatt says. "Basically, it was just a matter of a lot of measuring, but it was time-consuming. The rewiring alone took a week."

Out-of-pocket expense was about \$10,000, including boom, spray tank and new rims and tires.

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"Slider hitch" hydraulically shunts pull-type planters over to the right or left, up to 8 in. That way you can avoid having to drive over last year's rows.

### "Slider" Hitch Great For No-Till Planters

You can reduce wear to tires and control compaction with this new hitch for no-till planters that allows you to drive in last year's wheel tracks but to the side of last year's rows.

Paul Schlobohm's variable pull "slider" hitch for no-till planters hydraulically shunts pull-type planters over to the right or left, up to 8 in.

That way, you can avoid having to drive over last year's rows.

Originally designed for Schlobohm's Deere 12-row (30-in. planter), the hitch is made of 4-in. sq. tubing and mounts in place of original drawbar. The planter hitches to a sliding bracket which is moved back and forth by a 3-in. dia. hydraulic cylinder with 16-in. stroke. It shifts the planter to the left or right.

"The only trick is to make sure you move the planter to the opposite side at the end of every row," says Schlobohm. "We've used it on several hundred acres, planting into standing corn stalks, and it's worked



Hitch mounts on tractor drawbar arms. Cylinder slides planter hitch back and forth.

fine. One farmer told me it was just what he needed for replanting his hailed soybeans."

Schlobohm has filed papers for his invention with the U.S. Patent and Trademark Office. He's looking for a manufacturer.

Contact: FARM SHOW Followup, Paul Schlobohm, 47527 219th St., Aurora, S. Dak. 57002 (ph 605 693-4346).



Rinse system installs on the side of the 15-gal. chemical induction tank plumbed between 1,500-gal. water tank and 5 hp pump.

### "Easy-To-Use" Rinse System

"It's the handiest rinse system I've ever seen because it frees up both your hands," says Paul Schlobohm about the system he invented to rinse out chemical jugs.

The Aurora, S. Dak., farmer built the rinse system out of PVC pipe. It installs on the side of the 15-gal. chemical induction tank plumbed between his 1,500-gal. water tank and 5 hp pump. Schlobohm drilled a hole in the side of the induction tank and secured the rinsing device to the hole with a fitted coupling.

A 17-in. long piece of 1-in. dia. PVC extends upwards. It has holes drilled in it at regular intervals. Empty containers simply slip over the top of the pipe, which is fitted to an elbow that extends out to the side. The elbow hooks up to a water hose.

Water rinses the container and then drains out through the longer PVC pipe.

"It takes less than a minute to rinse a container, which is a lot less time than it takes to triple rinse one, but still gets containers thoroughly clean," he says. "I've used it for two years to clean hundreds of containers and it works great. There's a lot less handling involved when you clean containers right away and you're getting a lot more use out of your



A 17-in. long piece of 1-in. dia. PVC pipe extends upward and has holes drilled in it at regular intervals. Empty containers slip over the top of pipe, which is fitted to an elbow that extends out to the side. The elbow hooks up to a water hose. The rinse water."

It works so well, in fact, Schlobohm's considering making the systems to sell if there's interest.

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