



To change from field to road position, just pull a pin and fold swinging section of hitch back to drawbar. Drive forward and drills swing automatically into transport position. No need to unhook tractor or hoses.

SWITCHES FROM FIELD TO ROAD POSITION WITHOUT UNHOOKING TRACTOR

New Drill Transport Operates Hydraulically

Now, thanks to the Apollo Hydraulic Drill transport from Andre Industries, Bismarck, N.Dak., one man can move up to 60 ft. of different-size grain drills from field to road position, or vice versa, in less than 5 minutes, and without leaving the seat of his tractor.

"Most of the transport systems we make are in the 50 to 60 ft. range for width. We make units as large as 60 ft., and as small as 20 ft.," explains Allen Andre, manufacturer.

He notes that the system can handle different combinations of 8, 10, 12 or 14 ft. drills to reach the minimum 20 or maximum 60 ft. lengths. Additional drills can be added to the original system by adding on more transport sections.

The Apollo transport is adaptable to most late model makes of either hoe or press type drills. Andre notes that it doesn't work to combine several makes of drills to make up a unit. From front to back width of the drills must be the same in putting together a drilling system, he points out.

To change the Apollo system from field to road position, just pull a pin and fold the swinging section back to the drawbar. Drive forward and the drills will swing into position automatically. Connect the transport hitch on to the main hitch and the system is ready for road travel.

Changing from transport to seeding position is just as easy. You just back the system up and reconnect the swinging section of the hitch, which is telescopic. No need to unhitch the tractor for either hitching operation.

The transport wheels are mounted on the back of the drills and are thus out of the way when filling grain into the seed boxes.

In transport position, the drills are raised via hydraulic cylinders to clear railroad tracks, ridges, and so forth. The transport system is designed specifically for grain drills and, so far as Andre knows, that's the only thing they been used for. He says there has been some interest in developing a similar unit for corn planters but that, at present, the firm has not explored this possibility.

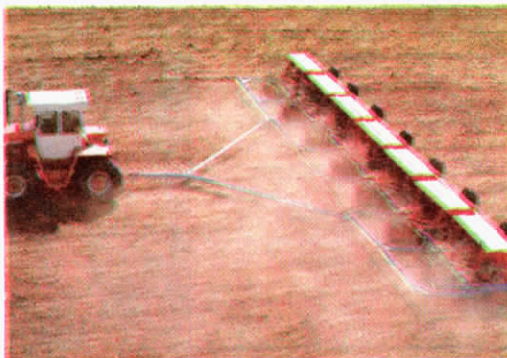
The Apollo system is sold complete with hydraulic cylinders, hoses, diverting valves and tires. A set of "track busters" that mount on the hitch for breaking up tractor tracks is optional.

Andre notes that if a user changes drill makes he can, with a few minor adjustments, use the same transport system to mount the new drills.

Prices range from \$3,800 to \$10,000, depending on how many and what type of drills.

For more details, contact: FARM SHOW Followup, Allen Andre, Apollo Distributing Corp., 135 Airport Road, Box 725, Bismarck, N. Dak. 58501 (ph. 701-255-4700)

You can gang up to 60 ft. of drills with the Apollo transport system. Given size rig can be expanded later by adding sections to the transport.



Herbicide is pumped from supply tank mounted on Weed Wiper and fed onto carpet which brushes it onto volunteer corn and other tall growing weeds without touching or spilling on crop below.

"WEED WIPER" BRUSHES CHEMICAL ON TALL-GROWING WEEDS, VOLUNTEER CORN

New Way To "Chop" Corn Out Of Beans

Tired out of chopping corn and other tall growing weeds out of your soybean fields?

Here's an almost labor-free solution to the problem — the Weed Wiper, introduced by New Concept Distributing, Sioux Rapids, Iowa.

A prototype model, unveiled at several major farm shows this fall, was a real "show stopper". Farmers looking for an easier way to get volunteer corn and other tall growing weeds out of soybean fields had to stand in line to visit with Dennis McHugh, president of New Concept Distributing and developer of the prototype Weed Wiper which he hopes to have in commercial production early in '79.

The prototype — patterned after the Quacker-Whacker developed by Dwight Roll, Roseau, Minn., and featured in FARM SHOW about a year ago — has a continuous turning roller (15 in. in dia. and 15 ft. long) which is covered with carpet and saturated with a translocating chemical. A

special-design sprayer is mounted at a point above the roller so that no chemical solution can get away while the roller is being saturated. Adjustable gauge wheels allow the roller to operate 3 to 4 in. above the bean rows. "The Weed Wiper is designed to use chemical only on contact with the weeds — with no dripping, making it very economical to use," explains McHugh.

The prototype 3 pt. hitch model, designed for covering 6 30-in. rows per swath, is expected to retail for about \$3,000. Production models will also be offered in models ranging from 2 to 8 rows, according to McHugh.

The idea behind the machine is to brush a contact herbicide, such as Roundup, on volunteer corn and other tall growing weeds, killing them on contact — without splashing or spilling any chemical on the crop below. McHugh is hopeful that Monsanto's Roundup will soon receive full label clearance for this type of brush application to control volunteer corn in beans.

Herbicide is pumped from the supply tank mounted on the Weed Wiper and fed onto the carpet. Movement of the rotating cylinder, along with the special wiper blade which acts as a squeegee, holds spray solution to the carpet so it doesn't spill or splash on the crop below. The operator can adjust rotating speed of the hydraulically-operated carpet roller, and the amount of spray material pumped onto the carpeted roller.

For more details, contact: FARM SHOW Followup, New Concept Distributing, Dennis McHugh, president, Sioux Rapids, Iowa 50585 (ph 712-283-2394).