Hiniker's 4800 "row crop" air seeder cart has a 40-ft. toolbar and 130-bu. tank.

Hiniker Introduces New 40-Ft. Air Drill

"Our 4800 air seeder cart is now available with a 130-bu. seed tank and 36 seed outlets which allows you to plant 10-in. rows on a 30-ft. toolbar or 15-in. rows on a 40-ft. toolbar," says Larry Hansen of Hiniker Co., Mankato, Minn.

The air drill was previously available with toolbar widths up to 30 ft. (Vol. 21, No. 5). Toolbars are now available in widths of 15, 20, 30 or 40 ft. and accommodate row spacings of 10, 15, 20, or 30 inches.

"At 7 mph a 40-ft. model can cover 30 acres per hour," notes Hansen.

The air drill's tank is equipped with a rear-mount 3-pt. hitch that carries the drill toolbar. The 40-ft. model has 36 seed outlets with soybean metering wheels and is designed to plant soybeans and small grains in rows spaced 10 to 30 in. apart. The individual toolbar-mounted row units each have their own gauge wheel and parallel linkage. New features include large flotation tires, a double clutch for planting point rows, and wings that fold forward, reducing transport width to 16 ft.

Total cost of the 40-ft. model on 15-in. row spacings is $39,800.

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

The Kverneland Accord Optima 3-pt. planter uses a high performance fan to provide the vacuum supply for up to 18 rows. The fan can be pto or hydraulic driven.

European-Built "Kverneland" Planter Makes Its U.S. Debut

A wide variety of crops, including corn and soybeans, can be seeded with this European-built Kverneland vacuum planter which made its U.S. debut at the recent Farm Progress Show.

The Kverneland Accord Optima is a 3-pt. planter that uses a high performance fan to provide the vacuum supply for up to 18 rows. The fan can be pto or hydraulic driven. Row units are gearbox-driven off a pair of gauge wheels that mount ahead of the planter. The gearbox is mounted externally on one end of the machine.

One key feature of the planter is the low position of the seed metering units which results in only a 2 1/2 in. drop from the metering plate to the bottom of the seed furrow. The short seed drop means much more exact seed spacing within the row, notes the company. Another feature is that the metering wheels rotate together with the vacuum chamber, which is connected to the suction fan via a hollow shaft. Since no sliding seals are required, there's no friction or wear on the metering wheel which could adversely affect accuracy of seed placement. And, less power is required to rotate the metering wheels.

"It's a highly accurate planter that can be used with a variety of crops and seed spacings," says distributor Erik Skjaveland. "Metering discs are available for any crop, and the metering system lets you choose the population you want. One standard seed disc can produce 40 different sowing distances within the row. The 3-pt. planter can also be mounted on a toolbar. Row unit spacings of 15 in. are possible on a single toolbar.

"The planter can be set up for either dry or liquid fertilizer. Dry fertilizer is metered by means of a closed cell wheel system that guarantees precise measurement of the fertilizer volume."

Skjaveland says the planter is priced competitively with other major brands.

Contact: FARM SHOW Followup, Norcan, Youngstown, Ohio (ph 800 233-0815; fax 330 793-1033, E-mail: eskjavel@sentex.net; in Canada, Norcan, Cambridge, Ontario, Canada (ph 519 623-8261; fax 2299).

Basener mounted a 7-ft. 2-in. IH snowblower in place of the header on a stripped-down IH 615 combine.

Snowblower Mounts On Old IH Combine

"It does a better job than anything on the market, especially when you consider how little it cost me," says Lawrence Basener, Belmond, Iowa, who mounted a 7-ft., 2-in. International snowblower in place of the header on a stripped-down International 615 combine.

The pto-driven snowblower mounts on a 3-pt. hitch that bolts onto the front axle. An 8-ft. Rhino blade can also be mounted on the combine.

Basener bought the 1970s-era combine for $1,750. It was equipped with a 70 hp 6-cyl. gas engine and hydrostatic transmission. He removed all sheet metal and grain-cleaning components and then centered the cab between the two front wheels. He moved the engine down behind the cab and positioned it lengthwise so the radiator faces backward. The gas tank was moved beside the engine. He narrowed the front axle 21 in. and the rear axle 11 in. to put both axles on 60-in. centers. The original combine frame was made from small angle iron so he used 3 by 5 rectangular steel tubing to make a new, stronger frame that extends between the front and rear axles.

To mount the snowblower he welded a steel plate onto the front axle and then bolted on a 3-pt. hitch off an old Allis-Chalmers 200XT tractor. The 3-pt. is equipped with a quick coupler. The snowblower is pto-driven off a shaft that's belt-driven off the combine's original separator drive pulley. A speed reducer reduces the 2,200 rpm engine speed to 540 rpm's. The output shaft is connected to a double-yoked shaft that's hooked to the pto shaft supported by the Allis-Chalmers 3-pt. hitch. He built linkages down to the pto that allow him to control the snowblower from the cab.

The blower spout is cable-operated by an orbit motor that mounts on a steel shaft. The motor operates off one of the combine's three hydraulic valves. One of the other valves, which was originally used to raise or lower the header, is used to raise or lower the 3-pt.

Pto-driven snowblower mounts on a 3-pt. hitch that bolts onto front axle. Both the front and rear axles were narrowed to put axles on 60-in. centers.

"I use it to clear driveways in town. I couldn't be happier with it," says Basener. "I have a good view of the blower in front of me and don't have to turn around like I would with a rear mount snowblower. The wheels are well inside the machine which makes it easy to maneuver around shrubs and basketball hoops. I built it because I wanted something with good visibility and didn't want to spend money on a tractor and front-mounted snowblower. My goal is to make enough profit every winter to pay for half of our family's annual summer vacation.

"I paid $1,000 for the blower. I built it with the wheels on 60-in. centers because I thought that someday I would mount a sprayer on front and use it in rear crops."

Contact: FARM SHOW Followup, Lawrence Basener, 408 7th St. N.E., Belmond, Iowa 50421 (ph 515 444-4052).

Some of the best new ideas we hear about are "made it myself" inventions born in farmers' workshops. If you've got a new idea or favorite gadget you're proud of, we'd like to hear about it. Send along a photo or two, and a description of what it is and how it works. Is it being manufactured commercially? If so where can interested farmers buy it? Are you looking for manufacturers, dealers or distributors? Send to FARM SHOW, P.O. Box 1029, Lakeville, Minn. 55044 or call toll-free 800 834-9665.

Mark Newhall, Editor

FARM SHOW

"Made It Myself"