

"ChiselVator" has curved chisel shanks up front followed by wide sweeps.

## SUBSOILS, CULTIVATES AT SAME TIME

# New In-Row Ripper Doubles As Cultivator

"Our new ChiselVator subsoils between rows and cultivates at the same time. Eliminates trip through the field," says Jeff Thagard, sales rep for Brown Mfg. Corp., Ozark, Ala.

The "ChiselVator" is equipped with a series of curved chisel shanks followed by sweeps. The chisel shanks break and loosen tightly compacted soil as deep as 10 in. An opening coulters cuts through trash ahead of the shank, while a pair of rubber "heave limiter" wheels run directly over the shank. Soil is forced upward by the shank and crushed against the wheels.

"Eliminating surface compaction leaves soil soft and loose for better root growth and moisture absorption," says Thagard. "A dorsal fin point on the chisel shank helps split the soil and keep it from heaving upward onto soil that has already been treated with chemicals. The heave limiter wheels crush any clods that come up so they won't cover up young crop plants.

"The sweeps, available in 30 to 40-in. widths, have 'sifting fingers' mounted on back set 3 in. apart. The fingers knock soil off weed roots for better weed control. By loosening some bolts, you can tilt the sweep



Spring-trip, gravity-reset mounting brackets allow both shank and sweep to trip over rocks and other obstructions.

shank forward or backward to adjust its aggressiveness or adjust it from side to side to keep the wing tips operating at a uniform depth."

Parallel flex linkage keeps the unit working properly on contours or terraces. Spring-trip, gravity-reset plow beams allow both the chisel and sweep to trip above ground when striking rocks or obstructions.

Available in 2, 4, 6, 8, and 10-row widths. A 6-row model sells for \$9,500.

Contact: FARM SHOW Followup, Brown Mfg. Corp., Rt. 3, Ozark, Ala. 36360 (ph 205 795-3029).

## HYDRAULIC REAR-MOUNTED POWER UNIT

# ATV-Mounted Snowblower

You can use your 4-wheel ATV to blow snow, says Loftness Specialized Farm Equipment, Inc., Hector, Minn., which recently introduced a hydraulic-driven, front-mounted snowblower designed for 4-wheel ATV's equipped with a reverse gear.

The 2-stage blower has a 16-in. dia. auger and a 14-in. blower fan. It's powered by an 18 hp Briggs and Stratton Vanguard electric start gas engine and 15 gpm Eaton hydraulic pump. Both mount on the ATV's rear rack, along with an 8-gal. hydraulic reservoir. An orbit motor on front of the ATV chain-drives a gearbox that drives the blower.

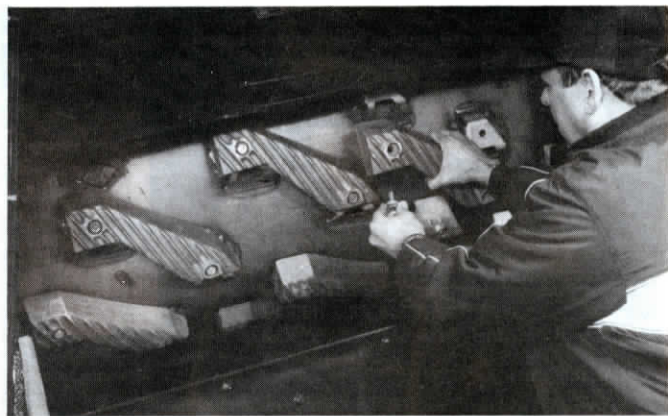
"It's small enough to get into tight areas where tractor or pickup-mounted snowblowers can't go. The two-stage design results in excellent performance in wet, heavy snow. The snowblower is close coupled to the ATV and has a manual lift lever," says Steve Nelson, vice president.

"The 15 gpm hydraulic pump has 2,000 psi and has almost as much hydraulic capacity as many tractors so it can also be used to operate log splitters, jackhammers, grain augers, raise or lower a disk, fold farm equipment, etc. The power unit has its own self-contained battery and 7-gal. fuel tank and can be sold separately."

An electric start switch on the ATV handlebar is used to start or stop the blower via a hydraulic solenoid valve. The blower comes with a hand-cranked worm gear spout. An electric-operated spout is optional.

Sells for \$3,500. Power unit sells separately for about \$2,000.

Contact: FARM SHOW Followup, Loftness Specialized Farm Equipment, Inc., South Hwy. 4, Box 337, Hector, Minn. 55342 (ph 612 848-6266).



Each bolt-on Rotor Bar replaces two original rasp bars in threshing area of Case-IH Specialty Rotor.

## "ROTOR BAR" ELIMINATES THRESHING LIMITATIONS OF "SPECIALTY" ROTOR

# Problem Solver For Case-IH Rotaries

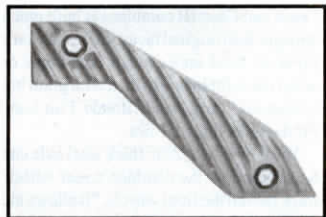
**Problem:** The "Specialty Rotor" introduced in 1986 by Case-IH for its Axial Flow rotary combines solves the material handling limitations of the standard rotor but it gets low marks on threshing ability, particularly in tough-to-thresh wheat and corn. Here's why:

The Specialty Rotor has a series of small rasp bars mounted on pedestals spaced several inches apart and lined up in a helical pattern on the roller drum's surface, allowing too much crop material to pass within the spaces between the rasp bars instead of getting pressed against the concave. In easy threshing conditions, the flow of material is sufficient to thresh the crop. However, in high-yielding crops, and tough-to-thresh wheat and corn, threshing efficiency leaves a lot to be desired.

**Solution:** Equip the Specialty Rotor with long-wearing chrome alloy Rotor Bars from Gorden Harvesting and Equipment, Wichita, Kan.

"Combined with the Specialty Rotor, they give you the best of both worlds — great material handling capacity and top-notch threshing efficiency in virtually all crops and conditions," explains Marvin Gorden, inventor-manufacturer of replacement Rotor Bars. They improve threshing action by wedging crop material between each Rotor Bar and concave to thoroughly thresh out each head of wheat or ear of corn."

Each bolt-on Rotor Bar replaces two original rasp bars in the threshing area of the Specialty Rotor. To maintain balance, they are installed in pairs on the 1680, and in



With Rotor Bars installed, lower sieve can be opened wider and still maintain a good, clean sample, says Gorden.

triplet on the 1640, 1660 and 1670.

The threshing action increases as more Gorden Rotor Bars are added. As many as 20 can be installed on the 1680, and up to 15 on the 1640, 1660 and 1670. "In most instances, as few as 12 Rotor Bars on the 1680, or 9 on the 1640, 1660 and 1670, will get the threshing job done the first time through. With Rotor Bars installed, the lower sieve can be opened wider - 3/8 in. or more - and still maintain a good, clean bin sample," says Gorden.

Individual chrome alloy Rotor Bars sell for \$61. Sets of nine sell for \$555 and sets of 12 for \$735.

Gorden also sells chrome alloy replacement impeller wear blades. A three-piece set sells for \$231, and a four-piece set for \$270.

For more information, contact: FARM SHOW Followup, Gorden Harvesting & Equipment, Wichita, Kan. (ph toll free 1 800 745-1680).



Front-mount ATV blower is powered by a rear-mount hydraulic power unit that can also be used to power log splitters, augers, raise and lower implements, etc.