



New loader tractor is equipped with a turret that rotates 360 degrees.

ELIMINATES WASTED MOTION

New-Style Utility Tractor

"There's no wasted movement," says Michael Flannegan whose new loader tractor features a turret that rotates 360 degrees.

"For example, you can scoop up a load in front and dump it to the left or right without moving the tractor. It eliminates all the jockeying around you do with a conventional skid-steer or tractor loader," he says.

The "Orbiter" tractor is powered by a Briggs & Stratton (gas) or Deutz diesel engine of up to 45 hp. It features hydrostatic drive and Dana axles with 16-in. wheels.

The axles are spaced 6 ft. apart, the same as the wheelbase. That way, it's counter-balanced for exceptional stability, Flannegan notes. Overall length with bucket is 13 ft. and maximum reach is 12 ft. high. The bucket is available in 6 and 6 1/2-ft. widths.

Top speed in low range is 3 mph and 9 mph in high range.

Available as either 2 or 4-WD with capacity of 2,400 or 3,000-lb.



Rotating turret lets you scoop up a load in front and dump it to the left or right without moving the tractor.

Optional attachments include telescopic zoom boom, breaker, trencher, torque hubs, rear-mounted backhoe, pallet forks, auger, post driver and industrial grapple.

Prices start at \$28,000.

Contact: FARM SHOW Followup, Flannegan Western & Associates, Hwy. 18 E., P.O. Box 487, Emmetsburg, Iowa 50536 (ph 712 852-3996; fax 3997).

No-Till Coulter Caddy Equipped With New Coil Spring Coulters

"My new heavy duty, coil shank coulters were designed with stones and other obstacles below the ground in mind. Where other types of coulters would warp, bend, or throw soil, these just roll right along with no problem," says Joe McIlhargey, Lucan, Ontario.

His spring steel coil shanks provide flexibility and always keep the coulters in line, working the soil evenly on both sides while providing constant down pressure.

McIlhargey uses the 17-in. dia. coulters on a home-built no-till coulters caddy which he also designed and built and now manufactures for sale. The caddy carries a 500-gal. liquid fertilizer tank and is pulled in front of a 6-row double frame Kinze corn planter. The coulters are arranged in three rows. Each coulters ride on a spindle supported by an 18-in. long coil spring stem that clamps onto the caddy toolbar. However, the coulters can be mounted in any configuration with both left and right hand models available. With one grease fitting per coulters (hub), maintenance is greatly reduced.

He came up with the idea because he wasn't satisfied with the performance of his 6-row Kinze double frame corn and soybean planter. The problem was that the coulters on front of the planter affected the performance of the row units on back, depending on how full the seed boxes and liquid fertilizer tank were. The caddy takes the weight of the fertilizer tank off the planter.



The 17-in. dia. coulters are arranged in three rows. Each coulters ride on a spindle supported by an 18-in. long coil spring stem that clamps onto caddy toolbar.



Coulters can be mounted in any configuration with both left and right hand models available.

The coulters can be used on many types of equipment. "I have mounted them on a 3-pt. toolbar spaced 7 1/2 in. apart to incorporate liquid hog manure into wheat stubble. The coulters incorporate the chaff yet leave a lot



"Fargo Tracks" are 30-in. wide rubber tracks that fit over standard size (42-in.) dual wheels equipped with a 24-in. steel idler wheel. To mount the tracks you remove the combine's original wheels and install the company's customized duals.

"DOESN'T AFFECT SPEED OR RIDE"

"Lower-Cost" Tracks Fit Any Combine

A "lower cost" track system that requires no modification to the combine is catching on fast, says Fargo Products of Fargo, N. Dak.

"Fargo Tracks" are 30-in. wide rubber tracks that fit over standard size (42-in.) dual wheels equipped with a 24-in. steel idler wheel. Special tires are machined flat to match the track. The idler wheels on each side of the combine are connected by an axle. To mount the tracks you remove the combine's original wheels and install the company's customized duals.

"There's a lot of interest in tracks for combines but high prices have made it hard to justify," says Jack Oberlander. "Our tracks mount without any permanent modification to the combine. The axle bolts to existing holes on the combine. One advantage of our design is that the transmission ratios on the

combine remain the same so there's no affect on the combine speed and no affect on the accuracy of any monitors that you're using. All you get is a smooth, tire-like ride.

"The tracks can be made to fit most brands and models of combines. A complete system sells for about \$22,000."

The company also manufactures tracks for use on gravity carts, air seeders, and manure tanks and spreaders. "By making use of used tracks and a less costly undercarriage design, we're able to sell our tracks for 65 to 70 percent of the cost of competitive brands," says Oberlander, who notes that tracks designed for 2-WD tractors are also currently under development.

Contact: FARM SHOW Followup, Fargo Products, 1801 23rd Ave. N., Fargo, N. Dak. 58102 (ph 701 235-0124; fax 0125).



The company also manufactures tracks for use on gravity carts, air seeders, manure tanks and spreaders.



McIlhargey uses the coulters on a home-built no-till coulters caddy. It carries a 500-gal. liquid fertilizer tank and is pulled in front of a 6-row double frame Kinze corn planter.

of stubble standing to protect the soil," says McIlhargey. The coulters are patent pending. Manufacturing inquiries welcome.

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