To move a bale, ring handler raises up out of the way via hydraulic cylinder.

Two-in-one bale handler also puts feeder ring around bale.

MAKES MOVING BALE FEEDERS EASY

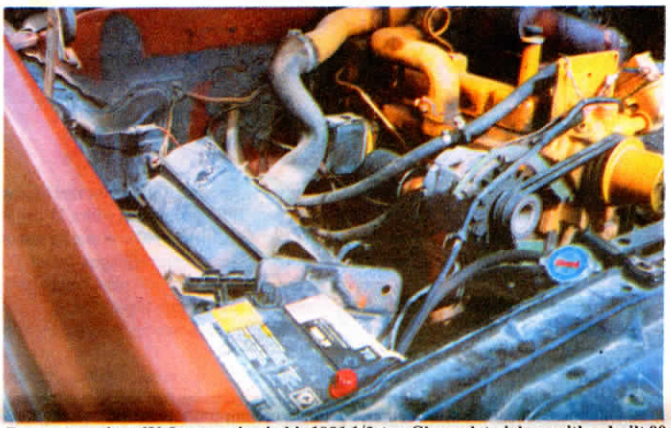
New Bale Handler Hauls Bale, Lifts Ring Feeder

"We built it because I had a bad back but everyone likes it because you don't have to get off the tractor to feed a bale," says Larry Jeffries, Horse Cave, Kent., about his two-in-one bale handler that also puts the feeder ring around the bale. He had help building it from William Jeffries.

The ring handler consists of a triangular-shaped hook that catches the upper rail of the ring, and a curved metal plate that fits against the side of the ring. To move a bale, the ring handler raises up out of the way via hydraulic cylinder. Once the bale is in place for feeding, the ring handler lowers back down over the spear. In fact, it rests on top of the spear itself.

Triangular-shaped hook catches upper rail of ring and curved metal plate fits against side of ring.

Contact: FARM SHOW Followup, Larry Jeffries, 1825 R. Mitchell Rd., Horse Cave, Kent. 42749 (ph 502 565-2132).



Bowman replaced V-8 gas engine in his 1981 1/2-ton Chevrolet pickup with rebuilt 80 hp 4-cyl. turbocharged Deere diesel engine.

"POWER TO SPARE"

Chevy Pickup Repowered With Deere Diesel Engine

"It gets 25 mpg and will last as long as the pickup," says Merrit Bowman, Clearville, Penn., who, with the help of his son Allen, replaced the V-8 gas engine in his 1981 1/2-ton Chevrolet pickup with a rebuilt 80 hp 4-cyl. turbocharged Deere diesel engine.

Bowman bought the 276 cu. in. engine for $2,500 from an engine rebuilder and sold the old 305 cu. in. engine for $200.

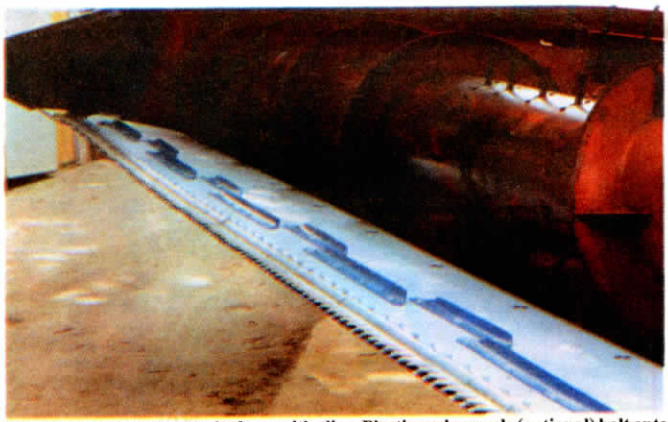
"The new engine is more fuel efficient and has much more torque which boosts pulling power," says Bowman. "It should last at least 200,000 miles. I've already put about 45,000 miles on it with no problems. However, I wish it wasn't quite so noisy.

"The engine came out of a Deere 555 bulldozer and is the same engine found in many of Deere's tractors, including the 2630. The only difference is that this one is turbocharged. The pickup's original engine got about 18 mph. It had about 110,000 miles on it and had leaky head gaskets. I installed a used diesel engine because I didn't want to spend a lot of money to see if it would work. If I could do it over, though, I'd use a brand new Deere engine because it would be under warranty. With the modifications I made I probably spent as much as if I had bought a new engine.

"The pickup still has its original 3-speed transmission with overdrive and was probably geared too high for the old engine. The Deere engine runs at a maximum of 2,500 rpm's. The old engine ran at about 4,000 rpm's. The new engine has more power in first gear than the old one but doesn't have as much power or speed in high gear. However, I can still go 65 to 70 mph on the road.

"The conversion was difficult to do. I replaced the front axle with one off a 3/4-ton Chevy pickup to support the engine's extra weight. To make room for the engine I had to cut off the bottom of the axle and weld a piece on top. I had to cut a 12 by 16-in. hole in the center of the hood to make room for the turbocharger which sticks up about 2 in. above the hood. I plan to make a hood scoop for it. The bolt holes on the old bell housing didn't match up with the new engine so I had to make a new adaptor plate. And I couldn't find engine mounting blocks that fit the frame of the pickup so I made my own out of tire rubber."

Contact: FARM SHOW Followup, Merrit M. Bowman, RD 2, Box 147, Clearville, Penn. 15535 (ph 814 652-5604).



Plastic plates fasten onto platform with clips. Plastic rock guards (optional) bolt onto plates to keep rocks out of feederhouse auger and stop shattered grain from rolling off.

LETS CROP SLIDE EASILY INTO FEEDERHOUSE AUGER

"Slippery Plates" For Combine Platforms

"Our new plastic 'slippery plates' have 60% less friction than stainless steel plates. The result is a steady, even flow of crop into the feeder auger without bunching, even in short crop conditions," says Ralph Bolinger of CFC Distributors.

The plastic plates fasten onto the platform with clips so they can expand or contract in extreme temperatures without bulging. No alterations to combine required.

Plastic rock guards (optional) bolt onto the plates to keep rocks from entering the feederhouse auger and also stop shattered grain from rolling off.

They sell for about one third as much as steel plates. Available only for "flex" platforms on Deere and Case-IH combines.

For more information, contact: FARM SHOW Followup, CFC Distributors, Inc., Rt. 1, Box 181, Roann, Ind. 46974 (ph 800 548-6633).