



Goering ganged 3 flail-type shredders together. Center one is powered by tractor pto.

## TWO ADD-ON MOWERS EACH FITTED WITH AN ENGINE

# Ganged "CRP Mowers" Cut A 40-Ft. Swath

"We can cut 160 CRP acres in 10 hrs. with these ganged mowers traveling at 4 mph," says Vernon Goering, Moundridge, Kan., who ganged three flail-type shredders together to cut a swath over 40 ft. wide.

After putting a large number of acres into the CRP program, Goering realized he was going to have to do a lot of mowing, at least for the first couple years till the grass was well established.

"We wanted to cut a wide swath of 40 ft. or more without investing too much money so I bought three used 14-ft. flail mowers and built hitches to pull them together. The center shredder is powered by the tractor pto. The right hand mower (looking at the back of the tractor) is powered by a Chrysler industrial engine taken from a 92 Massey combine. The engine is mounted on a separate frame with its own transport wheels and positioned ahead of the mower. It has a pto shaft that runs back to the mower.

"The left hand mower has the front end of a 44 Massey tractor mounted on top of it.

We attached two wheels to the front of the shredder to carry the engine and front end of the shredder. A pto shaft comes off the back of the Massey engine to drive the mower.

"We mounted foldable hitches on either end of the center shredder. Each hitch has a wheel on it to carry the weight. These outer hitches also have chains on them that run back to the front of the center shredder to give it pulling strength.

"We bought a Case 930 propane-powered tractor to pull the rig. It has plenty of power with live pto and power steering.

"We built everything in our farm shop. We've used the rig for three years and it's been very successful. The only drawback is that flail mowers are high maintenance machines and it also takes time to service the two extra engines two or three times a day."

Contact: FARM SHOW Followup, Vernon R. Goering, 19327 NW 108th St., Moundridge, Kan. 67107 (ph 316 345-8442).



Left hand mower has front end of Massey 44 tractor mounted on top of it.



Right hand mower is powered by Chrysler engine off Massey 92 combine.

## Compact Vertical Bale Lifter

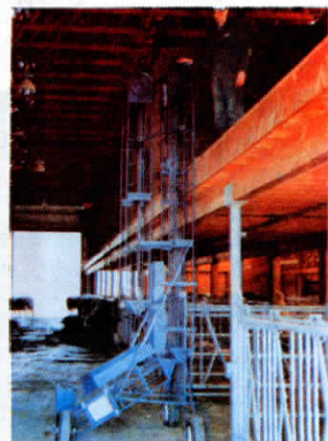
"I built this portable vertical bale elevator in 1989 for our drive-through barn which has overhead bale storage on either side," says David Graham, Abbotsford, British Columbia.

"We wanted an elevator that we could load at ground level but that wouldn't block the drive-through alley. This really does the job.

"I bought some Allied elevator sections and used other miscellaneous parts. It rolls easily on four wheels and is operated by a single 1-hp. electric motor that drives four sets of chains.

"We load bales onto a sloped 4-ft. section at the bottom that's fitted with a single chain. Bales are then grabbed by two chains, one on each side, that lifts the bales up vertically. When the bale reaches the top, another chain - which is spring-loaded - knocks the bale onto the floor of the hay loft where it is then stacked by hand.

"The elevator rolls easily down the alley so little carrying is needed and it leaves



plenty of room for wagons to drive on past. When the day's work is done, one person can easily roll it out of the way.

"It works well with our New Holland



Lee mounted three Farmall F-30's together on a frame with a single front axle and a single set of rear wheels.

## THREE FARMALL F-30'S DRIVE A SINGLE TRANSMISSION

# Triple Tractor Hookup

One of the most amazing antique tractor collectors and rebuilders in the country has done it again. Harry Lee, Elnora, Ind., has just completed his latest new project - a first-of-its-kind, side-by-side triple tractor hookup.

Lee owns some 50 rare and unusual antique tractors, all in excellent condition. But what makes him really stand out from all the rest of the collectors in the country are the unique tractors he's put together himself over the past few years, including a prototype of the first Farmall ever built which he built from scratch using a photo as a model (featured in FARM SHOW's Vol. 17, No. 2) and a double tractor hookup with two Farmall F-20's mounted side-by-side that runs like a factory-produced model.

Now the 72-year-old Lee is mowing crowds at antique tractor shows with his triple tractor hookup. He mounted three Farmall F-30's together on a frame with a single front axle and a single set of rear wheels. The tractors include models from

1937 to 1939.

"I had one tractor already and I bought two more to junk out for this project. All engines run and there's just one transmission and one major clutch for all three as well as individual clutches on each engine. These Farmall's had an overbuilt transmission so I'm not worried at all about it being overworked. It can easily handle the extra stress of the three engines," says Lee.

The triple tractor is 7 ft. wide. Lee bolts the rear ends together, leaving one steel wheel on both outside tractors. The seat and steering were left on the center tractor. Lee mounted a double sprocket on the center engine with number 60 roller chain running to each of the outside engines.

"It's not meant to be a hot rod or pull tractor. It's just a day dream I had and decided to build," says Lee.

Contact: FARM SHOW Followup, Harry Lee, Box 119, Elnora, Ind. 47529 (ph 812 692-5216).

## One-Man Wire Unroller

Alabama farmer Bill Arrington used a discarded lawn mower handle to make a nifty wire unroller that lets one man do the work of two.

"I've built miles of fence with this. It's easy to handle and will fit easily between close trees on the fence line. And I can handle it by myself," says Arrington.

He uses a long piece of threaded rod with lock nuts on either end and a big washer on either side of the roll of wire, which rolls along the ground.

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bale wagons that have the single bale unload system that feeds directly onto this elevator. It also works well for New Holland tilt wagons because it's easy to feed from ground level."

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