"Muffler Eliminator" For International Tractors

If you own an International 1086, 1486 or 1586 tractor, you'll be interested in the new "Muffler Eliminator" attachment from Thomure Mfg., East Prairie, Mo.

"It boosts horsepower, saves fuel and makes the engine run a lot cooler," Claud Thomure, manufacturer of the new attachment, told FARM SHOW. "We're getting a lot of requests for it from farmer-owners of other makes of tractors. We've got one about ready to go for the new model Case tractors and hope to be able to fit other makes of tractors in the near future."

For IH tractors (Models 1086, 1486 and 1586), the muffler is removed and the "Muffler Eliminator" installed. The exhaust stack goes back in place once the attachment is installed.

"With a cab on the tractor, removing the muffler doesn't seem to make a whole lot of difference on noise level," says Claud. "One farmer who made the conversion figures he gets about 15 extra horsepower from the same tractor. Another farmer, who said his new IH ran so hot right from the factory that paint around the muffler started peeling off after a few hours use, solved the problem when he installed the Eliminator, which retails for $49.50. For another $49.50, you can buy a stainless steel exhaust stack to go on your mufflerless tractor."

Thomure Mfg. also offers chrome-plated or stainless steel exhaust stacks to fit most makes of tractors and trucks.

Cost of a stainless steel stack 48 in. long (3 in. in dia.) is $49.50. The chrome-plated stacks retail for $20.50, and black painted steel stacks for $10.85.

Stainless steel stacks for tractors, trucks carry a lifetime guarantee against rust and burn out.

"Rust flaking off a corroded muffler sifts down through the exhaust parts of a tractor engine, gaining entry into the valve and cylinder area," explains Thomure. "If rust gets under the valves, they will not seat properly and could burn up. And, because of the close tolerance between the pistons and cylinder walls, rust will score the sides of the pistons and cylinder walls, ruining the pistons and causing loss of compression."

The stainless steel exhaust stacks for tractors or trucks carry a lifetime guarantee against rust and burn out.

For more details, contact: FARM SHOW Followup, Thomure Mfg., Route 1, East Prairie, Mo. 63845 (ph 314 649-3628).

Portable hoist requires no air or hydraulic pressure. Uses an electric hoist that can lift up to 6,000 lbs.

SETS UP IN MINUTES

Portable Hoist For Cars, Trucks

"We think it's one of the most convenient tools ever developed for the do-it-yourselfer or part time mechanic," says Gerrel Shirk, inventor of a new portable, electric hoist that lifts up to 6,000 lbs. and sets up in minutes.

The hoist requires no air or hydraulic pressure. It folds up and takes very little storage space when not in use, yet sets up quickly wherever needed when there's work to be done.

The hoist consists of a T-shaped frame that walks up "teeth" on three free-standing corner posts. All the lifting is done by a 1-hp., 750 lb. winch through a cable arrangement. Every 3 inches, the lift platform locks on a tooth. Thus, if the lift or winch should fail in some way, it would lock safely in place until power was restored.

"The lift is 14 ft. long and 11 ft. wide, runs off 110-v electricity, or can be rigged to run on a 12-v battery power. You can drive on or back onto the platform, depending on which part of the vehicle you plan to work," explains Shirk.

The lift will raise the vehicle up to 54 in. off the ground. "There's nothing to bolt to the floor — nothing permanent," Shirk points out. The lift cable runs inside the lifting T-frame and up to pulleys at the top of each post."

Retail price of the just-introduced hoist is right at $3,295.

For more information, contact: FARM SHOW Followup, Tri-Porta Lift, 1000 W. 1st, Newton, Kan. 67114 (ph 316 283-8938).

Self-Propelled Drill Plants Beans In Wheat

by C. F. Marley

Farmer-inventor Lloyd Younger, Bethany, Ill., has developed a self-propelled grain drill for planting soybeans in standing wheat.

Younger feels the secret to successfull double cropping is to get the second crop started before the small grain is harvested. In planting beans after harvesting small grain, for example, ground conditions are usually too dry to get the bean crop started.

University of Illinois agronomists have been experimenting with straddle row planting of small grain and soybean, using conventional equipment but stopping up every other row. In some tests, they have obtained 85% of normal yield for both the small grain and soybeans.

Younger has had yields varying from 11 to 30 bu. per acre on soybeans as a second crop after a full crop of wheat. He has tried skip row planting, too, but likes interplanting with his drill better. He has patents on his drill and has added new improvements each year since he first took it to the field 3 years ago. This year, he plans to add some new "openers" built by the Acra-Plant runner people. He has had some trouble with dry surface soil even when planting in May, and he hopes the new openers will cut deeper to plant the soybeans in moist soil.

Younger's self-propelled drill is powered by a 50 hp Volkswagen engine. The drill is an older model with 18-flute, 7-in. row spacing. Younger has plans to build other models later on if the concept he is using catches on.

To drive his drill, Younger equipped it with motorcycle wheels and tires and added a third wheel up front for steering. The wheels are hydraulically driven with chains and orbit motors.

A 50 hp Volkswagen engine powers Lloyd Younger's self-propelled grain drill for planting soybeans in standing wheat.