

## New Ideas From Europe

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### "Grain-Saving" Combine Fingers

"It improves cleanliness as much as 50% in high-moisture grain," says Henri Moulet, manufacturer of an add-on attachment for combines that mounts just behind the shoe and above the cleaning screens.

The attachment consists of 3-ft. long metal fingers made from 3/8-in. dia. steel rod. The fingers are attached only at one end so they vibrate freely. Before grain coming out of the cylinder gets to the cleaning screens, it lands on the cleaning fingers. Grain tends to drop down through the vibrating fingers while leaves, stalks and other lightweight debris travels down the length of the fingers, falling off the end, past the bulk of the grain.

Moulet notes that while farmers leave

the attachment in place at all times, it works particularly well under higher moisture conditions when it's harder to separate grain and trash. "It spreads everything out on the cleaning screen instead of dumping it all at the front. Prevents plug-ups and greatly reduces the amount of grain lost out the back with the trash."

The attachment, which has been used successfully in nearly all crops and will fit any combine, sells for \$375 to \$525, depending on the width of the combine. The company is looking for U.S. and Canadian distributors.

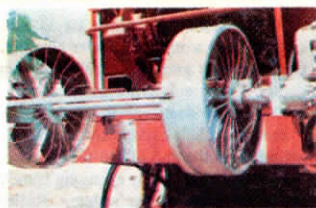
Contact: FARM SHOW Followup, Moulet Bethenville, 51110 Bazancourt, France, (ph 26 48 74 25).

### Blaster Fan

If you got an older "cabless" combine or problems with too much dust and chaff on your newer "cabbed" combine, you might be interested in this combine air blaster developed by Italian inventor-manufacturer Guido Marigonda.

The hydraulic-powered air mover consists of two high-speed fan blades that mount just above the feederhouse. The 2-ft. dia. fans both blow in the same direction. Blades spin at 2,200 rpm's.

"They suck in virtually 100% of chaff and dust and blow it off to the side. Even if you've got a cab, sometimes the air cleaners can't handle all the dust that comes up and over the machine. This fan also helps keep cab windows clean,"



says Marigonda. His air blaster sells for \$1,100 and fits any combine, swather or tractor using simple mounting brackets.

Contact: FARM SHOW Followup, Guido Marigonda, Faima, Via Zara Zanetta 12, 46030 Salletto Di suzzara, Mantova, Italy (ph 0376 50198).

### Double Decker Bale Hauler

"It's an easy way to double the capacity of your bale hauler," says the Italian manufacturer of a double decker bale transport that carries 5 bales up and 6 bales down.

When empty, the Allevi bale transport looks like many other bale haulers. It's got a bale-lifting cradle arm at the upper right front that picks round bales up out of the field and drops them on a conveyor chain that carries each bale back into position on the carrying frame. What's unique is that once the first five bales have been loaded, the "piggyback" frame on which they rest raises up hydraulically on a 4-masted frame so that another row of bales can be loaded below.

Just two hydraulic cylinders, located at center on either side of the double-axled bale hauler, do the lifting. The cylinders double their lifting range with a cable and pulley lift arrangement.

Contact: FARM SHOW Followup, Allevi, Via Emanuele Carioni, 21,



24040 Misano Gera d-Adda, Bergamo, Italy (ph 0363 84061).



### Big Bale Handler Carries 6 At Once

The first tractor-mounted bale carrier able to handle 6 bales at once is on the market in Britain.

Stephen Metcalfe of S.G.M. Engineering, North Yorkshire, told FARM SHOW the 2-piece bale carrier, which mounts front and rear, requires only an 80 hp. tractor to handle 6 bales since the bales are held in close to the tractor frame and therefore don't unbalance it. "You can carry two bales alone on the front or four bales alone at the back. They're not needed to counterbalance each other," he says.

Each bale is carried on two 40-in. long tines. The rear loader, which fits the 3-pt., picks up the first two bales on an upper carrier and then lifts them straight up into an upper, vertical carrying

position. Then the bottom carrier picks up two more bales, holding them in a lower, horizontal position. The front loader attaches either in place of the bucket on a front-end loader or on a front 3-pt.

The two-part 6-bale carrier sells for about \$2,000, or you can purchase the 4-bale and 2-bale carrier components separately. The standard model is designed for 5-ft. dia. bales. A model designed for 6-ft. dia. bales is also available. Metcalfe is looking for a U.S. distributor.

For more information, contact: FARM SHOW Followup, S.G.M. Engineering, West Appleton, Hornby, Bedale, N. Yorks., England DL8 1NN (ph 0748 811636).



### "Biggest Ever" Tree Chipper

You've never seen a tree chipper like this Italian machine that'll turn a 2 1/2-ft. dia., 20-ft. long tree trunk into a pile of chips in less than a minute.

Built by Gandini Meccanica, the machine requires both tractor pto and hydraulics to operate. It can also be driven by its own mounted motor. Key to the machine's success are two large teeth-equipped grabbing rollers at the intake throat. One of the large rollers hinges back and forth, adapting to the varying size of material while gripping it tightly and rotating to pull it into the machine. The gripping rollers feed logs - or branches down to the smallest sizes - to a set of four razor sharp blades mounted on a heavy cast iron, 46-in. dia. flywheel. The blade-equipped flywheel spins at high rpm's, slicing off 1/2 to 1-in. long thin wood chips. A heavy-duty paddle wheel spins with the bladed wheel, flinging chips up to 100 ft. away through a directional upper spout.

"It'll handle any wood, although in the hardest hard woods it may not handle full diameter logs. Output is about 8 to 10 tons per hour. It's popular in Northern Europe where foresters use it to chip big volumes of wood, like poplar trees, as fuel for wood chip boilers to heat homes, barns and buildings," says Carlo Gandini,



manufacturer.

The tractor-powered model 100 chipper sells for \$11,000. Smaller and larger models are also available. The company is looking for a U.S. distributor.

Contact: FARM SHOW Followup, Gandini Meccanica, Via Della Valletta 1, 46040 Guidizzolo, Mantova, Italy (ph 0376 818741).

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