



Remote Add-On 3-Pt. Hitch

The availability of remote 3-pt. hitches that mount on implements behind the tractor to carry a second set of implement behind makes it easy for Spanish farmers to perform more than one task at a time in the field.

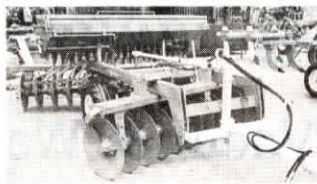
Spanish Deere dealers sell a hitch that mounts on a rotary seedbed preparation tool just behind the tractor and carries a rear-mounted drill. It can be used to lift the drill

directly above the tiller, or the operator can lift the entire rear assembly of implements at once with the tractor 3-pt.

Amazonen-Werke, in Palencia, Spain, also sells a remote 3-pt. hitch which, like the Deere hitch, can be ganged with a variety of implements. Contact: FARM SHOW Followup, Amazonen-Werke, Apartado 209, Palencia, Spain (ph 72 84 50).

Disk-Mounted Grain Drill

Hermanos Guerrero's approach to minimal tillage is to mount a grain drill on top of the company's 10-ft. wide offset disc. The metering mechanism is chain-driven from the wheel axle with the seed distributed in front of the rear bank of discs which incorporate it into the soil. Soil is leveled behind by a trailing finger spring-tooth harrow.



Power Farming Photo

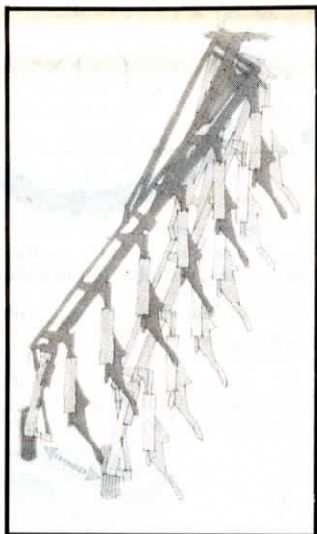
Variable Width Plow Changes On The Go

"It's the first European-manufactured plow that changes its width on the go," says Juan J. Pairs Royo, Spanish representative of Pimsa, Spanish distributor of Kverneland plows in Spain, which introduced the new plow at the FIMA show.

The two-way "semi-suspended" plow changes furrow width from 12 to 20 in. hydraulically from the tractor seat by simply lifting the plow out of the ground and moving a lever. That lets the operator adapt to varying conditions on the go. Land wheels automatically realign themselves.

The variable-width option is available only on Kverneland 3, 4 and 5-bottom reversible plows. The 3-bottom sells for \$7,500 in Spain.

Contact: FARM SHOW Followup, Pimsa, Zona Franca, Sector C, Calle F, N.º 85A, Barcelona 4, Spain (ph 93 336 25 12).

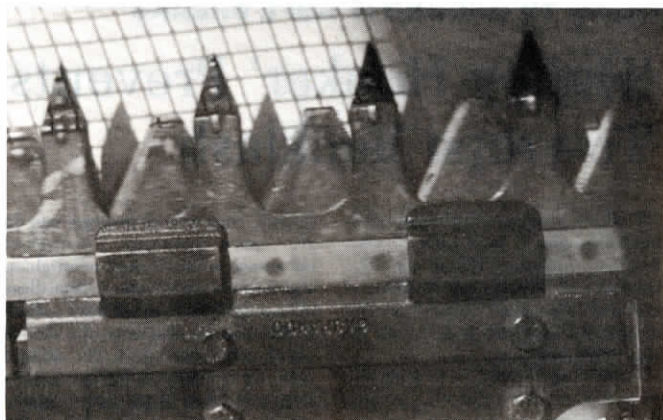


Tractor Square Bale Handler

A new tractor 3-pt. square bale handler helps Spanish farmers mechanize bale handling without switching to round bales.

The high-lift bale handler, which will carry as many as 50 bales at once and stack them at heights up to 15 ft., can also be used as a forklift with optional attachments. In the bale-handling mode, its two hydraulic squeeze arms simply pinch a load of bales between them. The bale lift sells for about \$5,000.

Contact: FARM SHOW Followup, Hnos. Martin, Almacelles, Lleida, Spain (ph 74 01 22).



"Scissor-Action" Sickle System

"It cuts like a pair of scissors," says Didoniso Huerta, sales representative for Maquinaver, Spanish distributor of a new double-action sickle system that's the first-ever to feature moving sickle sections and guards.

The all-new, double-action sickle is driven by a reciprocating drive at one end. Guards and sickle move alternatively, coming together to slice through forage or grain stalks in a movement just like a scissors. Huerta says the sickle cuts much faster and more efficiently than conventional sickles with stationary guards.

The sickle appears similar to any other sickle at rest but, when working, the guards slide back and forth in a channel along the top of the bar.

The new sickle was introduced last year and Huerta says more than 2,000 have already been sold. An 8-ft. double-action bar sells for about \$650 more than a conventional bar.

Contact: FARM SHOW Followup, Maquinaver, S.A., Gutierre De Cetina 63, Madrid, Spain 28017 (ph 267 2813).

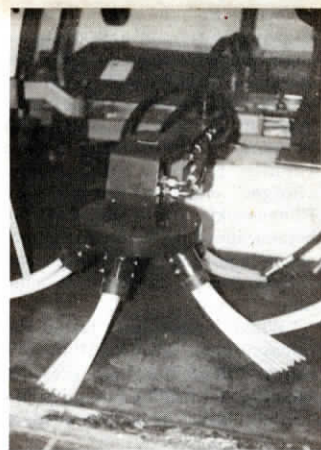
"Plastic Brush" Tree Weeder

A new plastic brush tree weeder gets up close to trees for weeding without doing damage.

The manufacturer, Pobalti, in Bellpuig, says the brush-weeder was developed to replace steel tined weeder arms. The plastic brushes are made up of strands ¼-in. in dia. that spin at 300 rpm's powered by a hydraulic motor. The brush mounts on a retractable arm that lifts around trees, when necessary.

The brushes will clean up about 50 acres of closely planted orchard before needing changing, a process that takes about 5 min. The tree weeder sells for \$835.

Contact: FARM SHOW Followup, Pobalti, Bellpuig, Lleida, Spain (ph 32 03 80).



Hand-Held Transplanter

If you plant lots of seedlings, you might be interested in this hand-held transplanter developed in Spain by Talleres Abella.

The transplanter consists of a long tube with a "duck bill" pointed snout at the bottom. A squeeze handle along the side opens and closes the snout. To transplant a seedling, you bury the snout in the dirt and drop a seedling into the top of the snout. Then simply squeeze the handle which opens the snout. As you lift the unit away, dirt falls in around the seedling, filling the hole around it.

The transplanter sells for \$18.

Contact: FARM SHOW Followup, Talleres Abella, Generalisimo, 73, Valderobres, Teruel, Spain (ph 974-85 00 57).

