

**JUST LOWER YOUR CHIN AND THE
"HANDS-FREE" VISOR GOES UP**

New "Freedom" Welder's Helmet

If you do a lot of welding, you'll like this first of its kind "Freedom" helmet—a helmet with a visor that runs on chin power. No more raising the whole helmet. Just drop your chin and up goes the "hands-free" visor.

Roland Bals is a professional welder. When he first started using the new all-plastic Freedom helmet, he says he found, to his surprise, that he was doing twice as much work as his fellow workers.

"You don't have to drop whatever you're holding to lift the helmet. You can raise the visor with your chin and chip away at slag, or whatever else needs doing, then lower the visor again without wasted motion," he points out.

The visor has a standard 3-in. by 5¼-in. gold-coated, polycarbonate resin plate protected resin plate protected by a clear tempered plastic plate. The viewing window in the helmet itself is made of clear plastic. There's plenty of room inside the helmet to wear glasses and the viewing plates are removeable for easy cleaning.

The "hands-free" visor is controlled by a strap running under the chin



By raising and lowering helmet with your chin, you save wasted motion and keep your hands free for other work.

and an over-center spring that holds it in the open or closed position. Also, when desired, the helmet pivots up over the head. It's available with a padded leather headband or with a hard hat.

The new helmet retails for \$79.50. For more information, contact: FARM SHOW Followup, Accu-Arc Co., Inc., 510 West South St., Hastings, Neb. 68901 (ph 402 462-8052).



Koopman automatic hitch fits tractors, trucks, choppers, balers and other implements. Allows hitching, unhitching right from driver's seat.

FITS TRACTORS, PICKUPS, IMPLEMENTS

Low-Cost Automatic Implement Hitch

"It's especially great during baling and chopping seasons. You just mount the automatic hitch on the tractor, pickup, chopper, baler and other farm machinery. Then, you mount a ring and springs on the wagon hitch pole and you're ready to hitch and unhitch automatically right from the tractor seat."

That's how Robert Koopman, of Auburndale, Wis., describes the time and labor-saving functions of his newly-patented automatic hitch. "My wife especially likes it for hooking up to and pulling loaded wagons with the pickup," Koopman notes.

His automatic hitching system consists of two parts. The wagon or implement tongue is replaced with a round ring and the hitch pole itself is supported with springs to keep it in a raised position. Second, the hitch on the towing vehicle or implement is replaced with a 17 by 11 in. funnel-shaped opening (made of ¼ in. steel) which guides the wagon or implement tongue into the funnel throat. Here, a spring-loaded catch drops down and automatically hooks into the ring on the tongue.

To release the catch for unhitching, Koopman offers a choice of a manual rope pull, a hydraulic release or an electric solenoid release. Each system lifts the catch up into the throat so the ring can pull free.

"This system eliminates the need



A spring-loaded catch automatically drops down to fasten the hitch.

of getting on and off the tractor four times for each load, plus it's safer because there's no need for someone to stand between the wagon and the towing vehicle," Koopman points out.

He's selling the hitch for \$150. This price includes the funnelled hitch assembly and a ring to mount on the wagon or implement. Koopman advises buyers to build their own spring tongue holder. Electric and hydraulic release mechanisms are extra.

The hitch assembly fits most makes or models of tractors, trucks, wagons and implements. Koopman is especially interested in locating a manufacturer willing to incorporate the hitch onto new equipment, or to build it as an add-on accessory for existing equipment.

For more information, contact: FARM SHOW Followup, Robert Koopman, Route 1, Box 39, Auburndale, Wis. 54412 (ph 715 652-2928).

because there's less dust," explains Trutna.

The hoppers, which are painted in red or green, bolt quickly to the tractor loader bucket with a bracket that fits over the upper lip of the bucket. A safety bracket is also available which maintains a set height for the tractor loader and prevents it from falling while you're working beneath it.

The hopper sells for \$1,200, plus \$75 per row for the lids. The unit comes with a fill hose about 5 ft. long. Longer hose is available for filling more boxes at once.

For more information, contact: FARM SHOW Followup, T-A-G Manufacturing, Inc., Valparaiso, Neb. 68065 (ph 402 784-2987 or 470-2013).

"QWIK-FILL" HOPPER BOLTS TO TRACTOR LOADER BUCKET

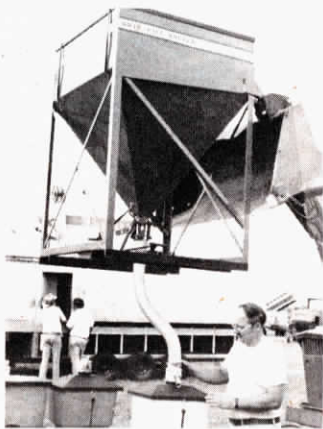
Slick Way to Fill Planter Boxes

Filling planter insecticide boxes is one of the dustiest, most dangerous and wasteful jobs on the farm. To solve the problem, T-A-G Manufacturing in Valparaiso, Neb., has come up with a fill system designed for airtight chemical filling that doubles as a seed hopper for filling seed boxes.

Partners Tom Trutna, Al Mittan and Gary Hellrich, built their first "Qwik-Fill" hopper system for a local farmer who was concerned not only about losing chemicals in the wind when filling boxes, but also about exposing himself to the dangerous chemicals as the dust blew around.

"We can virtually eliminate the dust and grime associated with planter box filling," says Tom Trutna. "The airtight hopper is connected by flexible hose with quick-connect couplers to the intakes on the special lids. The flow is controlled by a ball valve at the base of the hopper, delivering the flow directly into the boxes."

When full, the hopper holds about 28 cu. ft. of granular chemicals,



Virtually eliminates the dust and grime associated with filling planter boxes.

which translates to about 1,000 lbs., or 20 bu. of seed. "The special airtight lids which are used for insecticide boxes to cut down on dust are not necessary on the planter seed boxes