

**"PERFECT FOR SMALLER JOBS
IN FARM WORKSHOPS"**

Torch Welds Aluminum, Cast Iron, Stainless Steel

They're calling it "the perfect welder for small jobs in farm-workshops, and the first significant improvement in oxygen-acetylene welding in 65 years."

It's the new Dillon gas torch — developed in Australia and manufactured in Switzerland — which uses a unique gas-mixing chamber to make a precise, more heat-concentrated flame that, the company says, allows even inexperienced welders to cut or weld aluminum, stainless steel and cast iron, as well as mild steel up to 1 in. thick. Except for aluminum, no flux is required to weld with the torch — it simply fuses the two surfaces together.

"It's extremely precise and especially popular with irrigators for re-

pairing holes in aluminum pipe," says Von Braschler, of Shannon Marketing, Welches, Oregon, importer of the torch.

In addition to its other benefits, the Dillon torch is reportedly 50% more fuel efficient than conventional torches and operates at a full 20 psi oxygen and 4 psi acetylene. Other gas-saving welders require lower pressure rates, according to Braschler.

The Dillon torch introduces oxygen outside the flame for its more concentrated heat flow. The company says this helps minimize distortion and reduce oxidation. It also allows it to weld over most oily surfaces.

Ed Dillon, Australian inventor, has



Except for aluminum, flux is not normally required with the Dillon torch.

won numerous awards for the torch, which is now on the market across the globe. It sells for \$285, including two cutting attachments, guide wheels, heat shield, manual, and four brass tips.

For more information, contact: FARM SHOW Followup, Shannon Marketing, Inc., P.O. Box 378, Welches, Oregon 97067 (ph 503 622-3500).

FOLDS TO/FROM TRANSPORT IN MINUTES

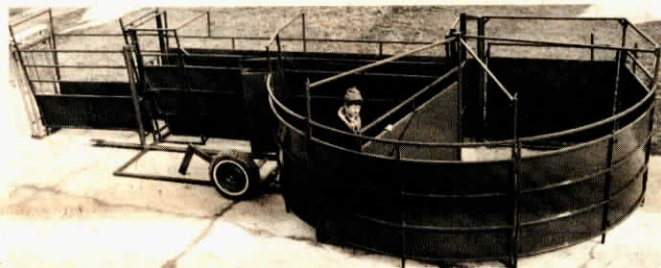
First Portable Cattle "Circle"

"It's the first portable cattle chute, as far as we know, with a circle working system," says inventor Gary Pinkelman, Hartington, Neb.

In the working position, the unit is 32 ft. long and has an 8 ft. working chute, a 16 ft. runway with 2 no-backs, and a 10 ft. circle equipped with an 8 ft. swing gate. You can direct animals into the circle from 2 directions — the back and side. An added feature is that there's an entry

door between the runway and working chute so you don't have to climb the panels to get in behind the animal.

To switch the unit to the 8 by 16 ft. transport position, you use a built-in winch and cable to hoist the rig so it's riding on its single axle. You then swing the working chute backwards so it sits parallel to the front part of the runway. Then, pull the pins holding the circle panels together and fold



"Circle" panels fold up into the rear runway for transport.

them in next to the rear of the runway.

Panel hangers let you carry additional gates on the unit. It weighs 3,250 lbs. and has a 60 lb. tongue weight.

Sells for \$3,995. Models can be custom made and are available with op-

tional squeeze chutes.

For more information, contact: FARM SHOW Followup, Pinkelman Sales, Inc., Hartington, Neb. 68739 (ph 402 254-6529).

**LESS FIELD LOSS AND
FASTER GROUND SPEEDS**

"Filler Guards" Double Sickle's Cutting Stroke

New "Filler Guard" fills the gap between existing guards to double the cutting action of each full sickle stroke, according to the manufacturer the Crary Co., Fargo, N.D.

Crary is the company that introduced Harvestaire — the forced air system that replaces combine reels — which FARM SHOW was the first to tell you about in its Vol. 7, No. 1, 1983, issue. Like the Harvestaire system, the new-Filler Guard concept comes from Australia.

It's available in 1 ft. sections and fits on floating, flex and straight bar combine headers. The additional guard between each existing guard provides double the cutting area for



New guards come in 1-ft. sections.

each sickle section and reduces the side movement of the plant stems by 50%. The company explains that the stem now has less than 1/2 in. to



Sickle sections get an extra cutting stroke with Filler Guards installed.

move, rather than the 3 in. without the Filler Guard, thus reducing crop losses and increasing ground speed.

The sections bolt on in the same holes as the guards. An added advantage, according to Crary, is that, with the attachment available in 1 ft. sections, you can purchase several to

prove to yourself that the concept works before converting the entire cutterbar.

Filler Guards sell for \$26.90 a ft. For more information, contact: FARM SHOW Followup, Crary Co., Box 1779, Fargo, N.D. 58107 (ph 701 282-5520).