

REPLACES "UP DRAFT" CARBURETORS ON OLDER GAS TRACTORS

"Side Draft" Fish Carb Now On The Market

"It's the first side-mounted Fish carburetor designed to replace so-called 'up-draft' carburetors on older gas tractors," says Jim Cofield of Brown Carburetor Co., Draper, Utah., manufacturer of the Fish carburetor that has just 17 parts, only three of which move and none of which are made from plastic or pot metal.

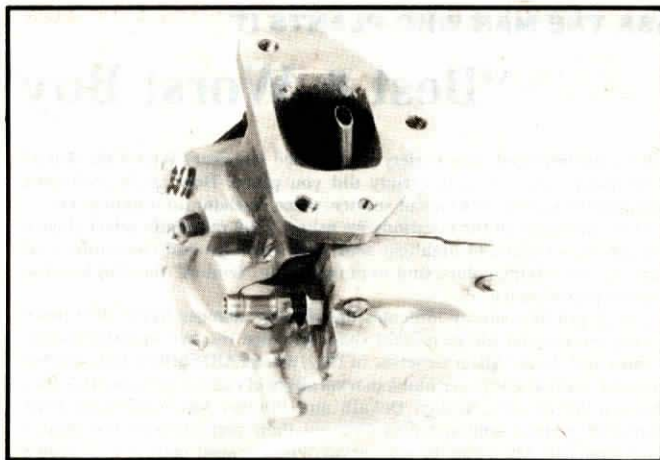
Cofield says fuel and air are drawn out the side of the new carburetor but that otherwise it is identical in performance to the Fish, which is designed to boost mileage 20 to 30% on large, inefficient engines. Cofield says it has the same benefits on tractor engines as on pickups and is also less expensive and troublesome than some replacement side-draft carbs. To ensure that the carburetor will obtain the maximum fuel efficiency, you should take a vacuum reading at 650 rpms. If you get a reading of 18 in.

or better it should work fine, says Cofield. The side-draft Fish carburetor sells for \$249.

Brown Carburetor Co. has also recently introduced a larger Fish carburetor for 550 cu. in. engines and up. "It's the first time we've been able to fit larger engines like the IH 549 and 605's. The main difference between it and the standard size Fish is that it's got a big 2-in. dia. bore compared to the 1 1/4-in. bore of the standard carb," says Cofield. The new larger Fish sells for \$299.50, which Cofield says is \$300 to \$500 less than manufacturers charge for some big replacement carbs.

Both the side-draft and 2-in. Fish carburetors are in limited production. Custom fitting is required to mount them on some engines.

Another carburetor that has just come out of development at Brown



New side-mounted version of the Fish carburetor is designed to cut fuel use on tractors.

Carburetor Co., is a "dual bowl" carb that's designed to mix water and used waste oil together. Cofield says it's built like two Fish carburetors side by side and water goes into one bowl and waste oil the other. "You can't mix the two normally but when you burn them together they make 100 octane fuel," he says, noting that one

of the big advantages of the Fish design is that it lets you burn alternative fuels. The new dual bowl carb, scheduled to go into production soon, will sell for \$499.

For more information, contact: FARM SHOW Followup, Brown Carburetor Co., Inc., P.O. Box 89, Draper, Utah 84020-0589 (ph 801 566-3334).

New Jack Stand "Splits" Tractor For Maintenance

You'll like this tractor "splitter" that attaches to the tractor front-end with a pair of bolts and a set of chains, propping it up on wheels while you work on the tractor clutch or transmission.

Leo Storms, Winner, S. Dak., who built the rolling jack stand, says it lets you move the detached front end around easily and eliminates the need for clumsy overhead hoists or makeshift jack stands. "Makes it easier to hook back together again, too. The chains have turnbuckles that adjust for height and you can knock it back and forth with a hammer for side

adjustment," he notes.

The stand consists simply of two metal arms that bolt to the tractor frame at the center of the tractor and two lengths of chain that wrap around the front axle. "I'm both a farmer and a neighborhood mechanic and I've yet to find a tractor it will not work on, frame or frameless," says Storms.

Storms sells the jack stand for \$279 and he's looking for dealers or distributors.

Contact: FARM SHOW Followup, Leo Storms, Box 2, Rt. 9, Winner, S. Dak. 57580 (ph 605 842-1686).

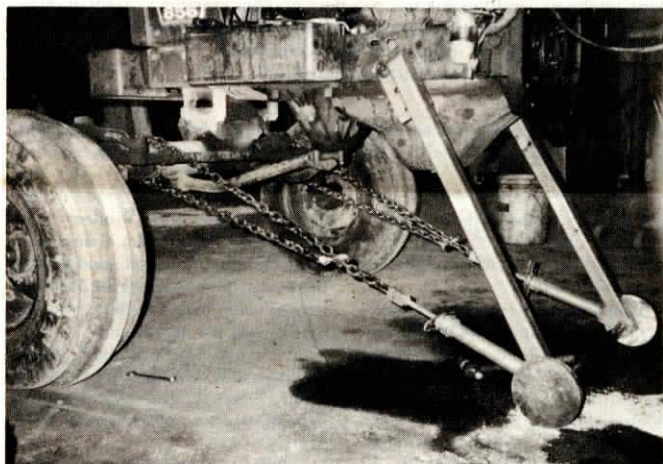


Photo shows rolling jack stand mounted behind wheels of tractor front-end that has been "split" for repairs.

MOVES QUICKLY DOWN THE ROAD

Pickup-Mounted Crane

"It's the most affordable and versatile heavy-duty crane ever built," says John D. Allen, manufacturer of the new pickup-mounted Porta Crane that attaches and detaches in less than 5 min. to a 3/4 or 1-ton pickup to handle almost any lifting chore.

"Large farmers are interested in it for their own farms while others want to use it to earn income by hiring out to farm builders for use in setting up trusses or constructing grain bins, or other such chores," says Allen.

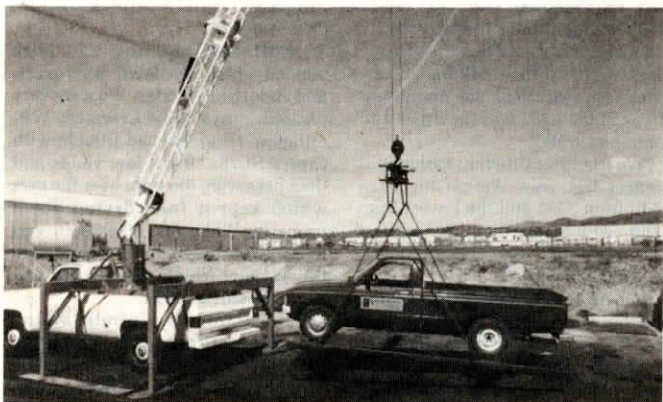
Powered by an 18-hp. Briggs and Stratton engine, the 42-ft. crane arm can lift up to 1,000 lbs. at the horizontal and as much as 5,000 lb. close in to the truck. It swivels a full 180° operated by remote controls that let one person handle awkward loads from any vantage point. A "man bas-

ket" is available to allow you to use it in place of scaffolding and ladders.

The crane stabilizes itself with hydraulic 14-ft. outriggers that self-level on uneven ground. The outriggers swing in next to the truck for transport. They're also used to demount the crane.

"Truck cranes sell for \$60,000 to \$120,000. Just the boom alone for a truck crane sells for \$10,000," says Allen who sells the Porta Crane complete for \$16,000. A trailer-mounted model, which swivels 360° is also available.

For more information, contact: FARM SHOW Followup, Nore Industries, 5250 D. Hwy. 50 East, Carson City, Nev. 89701 (ph 702 883-0405).



Portable crane can lift up to 5,000 lbs. in the vertical position, above. To transport, right, boom folds down over truck and stabilizer legs fold in hydraulically against the sides.

