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BELLY-MOUNTED DECK ADAPTED FOR \$1,200

72-In. Deere Mower Fits Old Allis Tractor

"It's a lot of fun to use and cost only about \$1,200 to adapt to my tractor," says Ken Phillips, East Otto, N.Y., who belly-mounted a 72-in. pto-driven mower deck - originally designed to mount on an early 1980s Deere 850 tractor - on his 1939 Allis B tractor.

Phillips paid \$500 for the deck which he bought from a local implement dealer. He used angle iron to make his own mounting brackets that bolt onto both sides of the tractor as well as onto the rear axle. The deck was originally designed to be belt-driven off the Deere tractor's pto via a gearbox. He mounted an overrunning clutch on the pto and attached the deck's original gearbox to it. The pto on the Allis tractor was located higher off the ground than the Deere pto so he attached a drop shaft and pulley to the bottom side of the gearbox. The drop shaft is belt-driven by the gearbox which in turn belt-drives the deck. A manually-operated steel lever, bolted onto the right side of the deck's frame, is used to raise or lower the mower.

"It works beautifully and makes a good-looking tractor-mower combination," says Phillips. "I built it because I always liked the Allis B tractor and wanted to use it to mow my yard. The only drawback is that I have to crank start the tractor. The original engine was in bad shape when I bought the tractor, and an engine rebuild kit would've cost about \$450 so I replaced the original engine with an identical one off an old Allis combine. I bought the engine from a friend for \$300. I chose the Deere deck because it's the best on the market. The gearbox and main belt and



Angle iron mounting brackets bolt onto both sides of tractor as well as onto rear axle.



Overrunning clutch and gearbox mount on pto, with drop shaft and pulley below.

pulley came with the deck.

"The overrunning clutch prevents any 'flywheeling' effect so that whenever I push in the clutch the deck blades can't continue to push the tractor forward."

Contact: FARM SHOW Followup, Kenneth P. Phillips, 7261 Prill Road, East Otto, N.Y. 14729 (ph 716 257-3739).



CropKing displayed this mini tank fish farm at a recent farm show. Contact: FARM SHOW Followup, CropKing, Inc., 5050 Greenwich Rd., Seville, Ohio 44273 (ph 330 769-2002).

LETS YOU TRY FISH FARMING ON A SMALL SCALE

Mini Fish Farms

If you've ever considered trying your hand at fish farming, these new mini fish farms would be a great way to try it out on a small scale.

Two companies offering commercial mini fish tanks are Ken's Hatchery and Fish Farms, Inc., Alapaha, Ga., and CropKing, Inc., Seville, Ohio.

Ken's Hatchery sells a tank kit that fits into a 10-ft. sq. space. It includes a galvanized steel sectional tank, a 30 mil vinyl liner, a continuous duty air pump, see-through PVC water lines, and a rotating filter.

"It's simple to set up, indoors or out, and comes with a detailed operator's manual and video explaining setup and operation," says owner Ken Holyoak. "The pre-assembled sections of the tank will fit through a 30-in. wide door. The mini farm is simple to operate - just replace 10 gal. of water per day and feed the fish. All parts of the system are de-

signed for easy inspection and cleaning.

"The entire system runs on less power than a 60-watt light bulb and uses only the 10 gal. of water per day. Including the cost of feed, you can raise fish for less than 75 cents per pound. We recommend using these tanks to raise trout, tilapia, shrimp, salmon, game fish, catfish, tropical fish, mussels, sturgeon, snails, bass, carp, plants, or perch."

Ken's Hatchery supplies commercial fish farms all over North America. They can provide everything, including fish. The company offers several tank sizes. One designed to raise 50 lbs. of fish sells for \$1,495 plus S&H. A model for raising 100 lbs. of fish sells for \$2,095 plus S&H while one for raising 200 lbs. sells for \$2,389 plus S&H.

Contact: FARM SHOW Followup, Ken's Hatchery and Fish Farms, Inc., U.S. Hwy. 129 North, Box 449, Alapaha, Ga. 31622 (ph 912 532-6135 or 5395; fax 7220).

This mini fish farm from Ken's Hatchery lets you give fish farming a try without a making a major investment. Ken's Hatchery can provide everything needed to get started, including the fish.



Heavy-Duty Harrow Mounts On Front Of Disk

When David Buss, Clayton, Ill., went looking for an aggressive harrow to mount on back of his disk, he couldn't find what he wanted.

So he built his own hydraulically-raised harrow complete with its own lift frame and caster wheel.

"There are times when we want to disk without the harrow, such as this past spring when we wanted the ground to dry out," says Buss. "And there are times when we want an aggressive harrowing job which calls for a heavy harrow that would ordinarily be too heavy to carry behind the disk."

The add-on harrow's A-shaped lift frame hitches to the back of the disk with a pair of hitch pins. Buss made the harrow gang himself. The inverted "T" hangars came off an old cultivator. He bought the harrow teeth from a parts supplier and mounted them on heavy steel pipe rails.

A single hydraulic cylinder at the center of the A-frame raises and lowers the harrow gang.

Contact: FARM SHOW Followup, David Buss, Rt. 2, Box 27, Clayton, Ill. 62324 (ph 217 894-6417).

