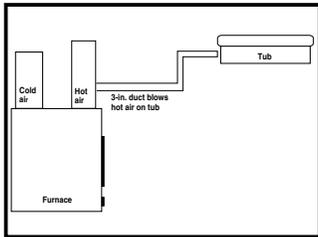




When I bought this airplane tow tractor, it had only a frame and rear axle with fenders. I installed a 6-cyl. flat head engine from a '47 Dodge with an old fluid drive and manual clutch with 3-speed transmission. I had to shorten the transmission output shaft and housing and add 4 in. to the frame so I could hook up to the 2:1 gear reduction rear axle. The rear axle is 40 in. wide to the outside of the 16-in. tires. The rear 2 by 10-in. fenders are made out of cast iron and weigh about 250 lbs. each. I coupled an 18 gpm hydraulic pump to the front crank shaft for live hydraulics and three 4-way valves, one with a float. I installed a flow control valve to run a log splitter and a hydraulic water pump for spraying trees. I also built a 3-pt. hitch for it with down pressure for a rear grader blade. In addition, I made a 50-in. front V-plow for plowing snow and a hydraulic dump trailer. This is a mighty fine yard tractor that has all the power you could ever use. Top speed is 25 mph. (Roger Kubinski, 6037 W. 185th St., Faribault, Minn. 55021 ph 507 334-4528)

I came up with a warm idea for cold winter months. Run a 3-in. duct from the hot air plenum on your furnace to your bath tub. It will blow hot air onto the tub so that it acts



as a radiator, keeping your bathroom warm. When taking a bath, the tub will stay nice and warm, saving on hot water costs. To meet code, the duct running to the tub must be 6 in. above the bathroom floor. (Randy McLachlan, Ja-Ran Enterprises, 3541 Babcock Rd., Lexington, Mich. 48450)



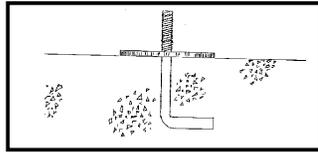
I'm 80 years old and have used this method of unrolling barbed wire for more than 60 years. Just find a heavy piece of flexible grape vine, or cut the leaves off a green branch. Slip it through a roll of wire laying on the ground and then pull it along with both hands. Works well on any terrain but is particularly useful on hilly, wooded ground. Better than any mechanical method I've seen because you can go anywhere. (Francis Roberts, Rt. 1, Box 804, Seligman, Mo. 65745)

Maybe FARM SHOW readers would be interested in this 20 hp. "Camtract" mini tractor-truck that I invented in Romania. I'd like to find a manufacturer to produce it and have all technical drawings and information needed, since I am an engineer. It has a 2-cylinder engine that drives a 4-speed transmission and a hydraulic pump. There's a hydraulic dump box on back that will carry a 1-ton payload. It's only 9 ft. long, 6 ft. high and 4 1/2 ft. wide. I have other inventions



also that I would like to share. (Petrea Jitaru, Str. Maxim Gorki Nr. 60, Bl.B5 AP 35, Botosani 6800 Romania ph 40 030511821)

I'm sending along a simple invention of mine. I call it an "Anchor Float" and it's a 2-in. dia. rubber washer with slots in the center. It's



designed to let you set anchor bolts in wet concrete, holding the bolts vertically and at the desired depth. Once the concrete dries, you can either pull off the float, or leave it in place. I got the idea after years of working in construction. (Mark S. Klein, 1318 So. Arlington, Sedalia, Mo. 65301)



This simple Tow Bar for forklifts makes it easy to tow equipment around a yard with a forklift. I developed it for pulley truck dollies around truck yards and warehouses, but many farmers now have forklifts and could possibly use it. The unit simply slips over the forks with a safety chain that secures it to the mast. It fits forks of different length. There's a pintle hook on the end to hook to drawbars. It drops off in seconds when not needed. Weighs about 100 lbs. I'd like to find a manufacturer or marketer for it. (Russell P. Jones, 6116 Holly Springs Rd., Raleigh, N.C. 27606)



This deflector plate, attached to one end of our front-mount blade, keeps snow from spilling back when plowing the driveway. It lets us move more snow faster. No more leaving a pile of snow down the middle of the driveway. (Bill Weihmeir, Brodhead, Wis.)



After a lot of trouble with vandals and snowplows, we finally decided to build this heavy-duty hinged mailbox protector. First we made a triangular-shaped housing out of 2



After removal of barn roof (left), local carpenters easily install new clear span roof.

I've successfully dismantled more than 500 barns all over North America in the past 12 years, thanks in large part to response from FARM SHOW readers. I wanted to let your readers know that I'm still on the job. I specialize in carefully dismantling any type of barn roof. Once taken down, the owner can install a clear span maintenance-free roof, converting an unusable old barn into a modern, useful farm shop or machine storage building. The service is particularly beneficial for farmers who own large dairy barns. Once finished they get a large clear span building with no posts and 18 to 20-ft. sidewalls. And they eliminate the massive roof and the tremendous expense involved in maintaining it.

Some owners just want to take the barn down and salvage the lumber. I remove the



high, risky roof portion. It's then a simple job for the owner to complete the dismantling project himself.

My fee to dismantle a barn roof depends on size, style and layers of roofing or shingles. The cost starts at \$1 per sq. ft. For example, a 36 by 50-ft. barn would cost \$1,800. Many customers are skeptical as to how I can drive to their state and remove a barn roof for such a low fee, but all I can say is that my experience works to their benefit.

I price all jobs over the phone and charge no travel time or expenses. All customers receive a signed contract. Since I'm always on the road somewhere, just leave a message at my phone number and I will return your call promptly. (Ken Andre, ph 219 879-2199)

by 8 lumber and 3/4 in. plywood. The mailbox is protected inside the wood, just under the top 2 by 8. For the post, we used a railroad tie and fitted it with heavy-duty door hinges. The protector swings one way, and a heavy spring brings it back. A plastic newspaper delivery box bolts to the outside of the housing. (Richard Marley, 445 County Rd. 2500 N., Mahomet, Ill. 61853 ph 217 359-8570)

We now have more than 1,000 of our unique "Five In One" grain cleaners operating in North America, and it's also manufactured in Europe. It was invented in 1979 and featured in FARM SHOW shortly after that. I



thought your readers might be interested in my new model which has 50 percent more capacity than the original yet still has the five main seed cleaning separating operations in one compact machine powered by two small 3/4 hp. electric motors. No need to auger grain between separate machines. It will clean all cereal grains, oil seeds, and many herbs. You can use it for rough cleaning to get most of the dockage out of a crop, or to thoroughly clean seed. Capacity of this machine was increased over the earlier model by using two full length drums, one for short grain removal and the other for long grain removal. Three grader shells are used instead of the two on the former machine, and changing of the shells has been simplified. Also, an oscillating sieve has taken the place of the drum used for scalping and aspiration. This allows for more uniform separation of light material plus separation of light material from seed as it moves out of the machine. Several of these sieves of different sizes can be purchased for less than the cost of one of the former scalper drums.

Cleaner capacity depends on the crop and the type of cleaning operation. It will be on the market by fall. The U.S. and Canadian distributor is Silverthorn Seeds Ltd. in Outlook, Sask. at ph 306 856-4532. (Harvey

Gjesdal, Box 425, Birch Hills, Sask. S0J 0G0 Canada)



"When it's too cold for newborn calves to dry off on their own I put them inside my home-built calf incubator. It's 4 ft. wide, 6 ft. long, and 4 ft. high - big enough to keep three or four calves at a time. I put a 1,500-watt ceramic heater inside a wooden box that mounts in one corner of the incubator. The door swings back and is held out of the way by a hook on one wall of the incubator. Greatly reduces the chance of anything catching on fire." (Peter Brosinsky, Bashaw, Alberta)



I made a piston-type automatic can crusher using spare parts. It's equipped with a 1/4-hp electric motor driving a 30 to 1 gearbox turning a crank arm connected to the piston. It runs at 17 strokes a minute. Cans roll down into the piston on a small ramp. (Leland Zier, 15260 W. Neebel Rd., Pearl City, Ill. 61062 ph 815 443-2484)

I and my wife have a small ostrich farm and we really can't use the mega-machines often featured in FARM SHOW. But that was until the last issue when you featured ATV innovations such as the 3-engine ATV mower deck, and other ideas. That issue saved me money so here's my subscription renewal. Keep up the good work. (Doug Cox, 1275 Riddle Rd., Site 176, Comp. 4, RR1, Penticton, B.C. V2A 6J6 Canada)