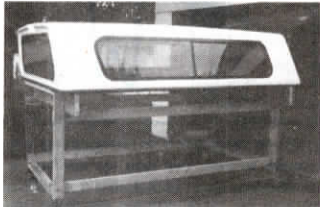


screen can be used to hold feed bags and other paper by pushing them down onto the spike. You can crank the screen down to keep debris from flying out of the fire. You could also use the screen as a cooking grill. (Donald W. Kanke, 503 E. 2nd St., Vinton, Iowa 52349)



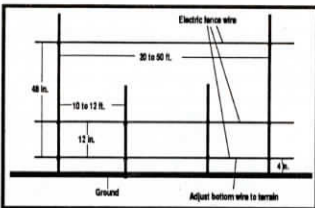
I made this roll-over pickup topper stand to make it easy to store my topper. It's made out of 2 by 4's and 2 by 6's bolted to a metal bed frame. It can also be used as a portable work bench when not used for topper. (LeRoy Klein, 908 40th St. S.E., Minot, N.Dak. 58701)



I'm 74 and made this rolling platform to plant, weed or pick strawberries and to work on other crops. It's a single wheel platform that mounts alongside a bicycle, attaching to the wheel hubs. Construction is all metal and it folds flat for storage in 5 min. Steering is limited to keep it straight on the row and there's a brake that can be set on sloping ground. The outrigger wheel can be adjusted for narrow or wide rows. One or two containers can be carried next to the seat with plants or to haul weeds to the end of the row.

The person in the photo is disabled and only has use of one arm and partial use of one leg. Thanks to the umbrella, he stays comfortable on the hottest days or when it gets showery. I'd be willing to supply plans to build it. No welding necessary. (Will Higginson, Rt. 2, Box 7, Smithers, B.C. V0H 2N0 Canada)

We have two Allis Chalmers tractors of 1939 vintage (or possibly earlier) that we would like to donate to a museum, farm show, or sell to a collector. (Cecelia B. Burrows, 15000 Cobalt, Sylmar, Calif. 91342)



After years of fighting both large and small animals, I came up with a fence system that's been 99 percent effective around my 1 1/2 acre garden plots. I've used this system for 18 years to keep deer, raccoons, rabbits, and other pest animals out. I use a weed cutter or weed spray to keep weeds down under the bottom wire. (Paul Kacmar, 25 Grandview Terrace, Uniontown, Penn. 15401)

I've written a computer program that should be useful to anyone who has to repair a grain auger, post hole digger or other similar equipment with helical flighting. This program calculates how much flighting you can cut out of a flat metal blank and how to cut it.

You just key in auger inner diameter, outer diameter and the pitch of the flighting. The screen then tells you the dimensions for cutting up a blank so you can cut it on line through the center and pull it into a starting helix (right or left hand), then weld it end to end on the cut line. Then you just pull it to full pitch and weld it to the core shaft.

I'm selling copies of this software for \$25. Requires an IBM or IBM compatible computer with 3.5 or 5.25 disc (specify format). (Gene S. Ericson, 3575 Mills Rd., Cridersville, Ohio 45806 ph 419 657-6978)



Two years ago FARM SHOW featured our first new electronic product - the "Field Meter", a rugged-built monitor that tells acres worked, acres per hour, field speed, etc., and also monitors shafts on planters, drills and other equipment so you can tell if they ever fail. We have now started production on a new product called the Heat Unit Calculator. It takes a temperature reading every minute and displays the current temperature, the daily low, daily average and daily high. In addition, it computes an hourly average temperature and stores all these in memory for later calculations. At any time, you can calculate the number of heat units (also called degree days) between any two specified dates. The base and transpiration temperatures are adjustable so the Heat Unit Calculator can be used for many different crops.

Temperature data is stored in memory for a year. You can buy an optional computer interface that allows all data to be loaded to a personal computer.

Heat Unit Calculator with temperature sensor and 25 ft. of cable sells for \$495. You set the monitor indoors on a desk or counter with the sensor outside. (Anne-Marie Bauman, Tailwind Systems, 637 W. Whitman Dr., College Place, Wash. 99324 ph 509 529-9794)

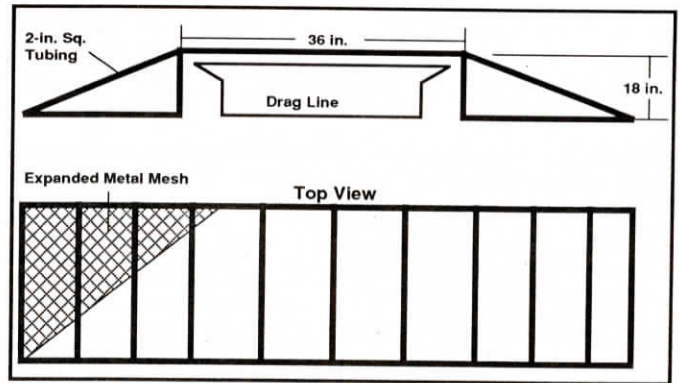


Existing machinery for harvesting peanuts has too many moving parts, resulting in high maintenance costs with too much costly down time during harvest. They also leave too much crop in the field.

Our new Turbo-Inverter peanut harvester promises to be one of the most significant innovations in the root crop industry. The inventor, Tony Gresham of Portales, New Mexico, spent most of the past 8 years building and testing prototypes. It's now ready to go into production.

The machine consists of screw conveyors driven by a single power shaft so there are no chains, belts, pulleys or sprockets to maintain so maintenance costs are less than 10% of a conventional harvester. Another advantage is speed. Existing peanut harvesters run a maximum of about 3 1/2 mph. The production prototype of this machine runs at up to 7 mph and it uses only half the horsepower to operate.

Stems of the plants slide inward along the



I made drive-over ramps 24 in. wide and 8 ft. long out of 2-in. thick-walled square tubing for dumping ear corn into my elevator drag line. We pull wagons with a pickup and before I built these ramps, it took a lot of time to pull up to the elevator, get out, let the drag line down, get back in the pickup, back up and then dump the corn. Then you would have to get back in the truck, pull ahead, and raise the drag line. We had to do that for

every load.

These ramps are built strong enough so they'll never bend or break. Each weighs about 200 lbs. so I handle them with a skid steer loader. I put 5-lb. expanded steel mesh over the top for traction. The ramps are 18 in. off the ground at center. I've never seen anything like these on the market. (Jeff Collins, 11404 S. State Rd., 140, Clinton, Wis. 53525 ph 414 296-1641)

helicoil flighting on the screw conveyors, lifting the peanuts out of the ground on the screw conveyors. Inverted plants from 4 rows are discharged out back in two windrows with the peanuts on top. Will handle any variety of peanut presently grown.

This is the first totally new peanut harvester invented in 30 years. Will work on other root crops as well. (Charles F. Gaede, 50522 CR 142, Limon, Co. 80828 ph 719 775-2711)



If you like going to threshermen reunions and antique tractor shows, you'll want to get a copy of our 1994 Steam & Gas Show Directory which lists more than 700 gatherings held every year in the U.S., Canada and other parts of the world. There are 86 new shows listed this year. The directory, which has been published for 20 years, also carries nearly 300 ads for shows and items of general "engine interest".

Listings give dates, location, and who-to-contact. The book also includes a chronological index with dates of shows. Sells for \$6 (postpaid - U.S. Funds). (Stemgas Publishing Co., P.O. Box 328, Lancaster, Penn. 17608 ph 717 392-0733; fax 717 392-1341)

We've been doing a booming business recovering old tractor steering wheels with rubber. As featured in past issues of FARM SHOW, we use a special process to re-coat 14, 15, 17, and 19-in. wheels. Price ranges from \$63.50 to \$73.50, including shipping and handling. We wanted to let you readers know that we also reproduce rubber seat springs for Oliver, Ford, Case, IHC and Deere float ride seats. Price per pair is \$95. Brass bushings are available for \$1 each (\$1.75 for Oliver) as well as pins for Deere seats at \$1.50 each. We also make radiator flange fillers and radiator caps for a variety of Deere tractors as well as reproduced pto covers for unstyled Deere's. In addition, we reproduce the front axle rubber bumper for Oliver tractors and eye bolts for Linderman

crawler tractors. Send for a free brochure. (Merlyn Schnaser, Minn-Kota Repair, Rt. 1, Box 99, Milbank, S.Dak. 57252 ph 605 432-4315 or 612 839-3940)



I made this pto-driven wire winder and unroller out of a 1938 Plymouth car transmission converted to wind electric fence wire on old Ford car wheel rims. When rolling up wire, we set the winder perpendicular to the fence line and pull the wire straight onto the roll. To unroll wire, we bolt the wheel holding wire to the bracket shown on the ground under the winder and then mount the bracket on the hitch arms on back of a tractor. When unrolling barbed wire, we put an old disc blade on either side of the roll of wire. It can be dangerous to unroll wire on the back of a 3-pt. hitch because of the danger of backlash. We avoid the problem by dropping the 3-pt. down so the roll runs on the ground. That makes it impossible for the wire to backlash. We unroll several miles every year and never have a problem. (Bill Crain, RR, Box 126, Helena, Okla. 73741)

I'd like to tell your readers about a "best buy" they might be interested in. I edit and publish "Farm Finance Review", a monthly newsletter that many farmers tell us is one of the most valuable "tools" on their farm. Started in 1975 for ag lenders, it has gradually expanded readership to many farmers and ag businessmen who first spotted it at their bank or farm credit offices.

FFR reviews money and commodity markets from an ag lender's point of view and offers market recommendations. It also goes into business and living philosophy, goal setting, interpretations of changing farm conditions, etc., from the view of an editor (yours truly) who has been a farmer, teacher, farm credit director, credit corporation vice president, bank director, and machinery manufacturing director. We try to avoid getting bogged down in politics and Washington since we think supply and demand is still the main law of farm economics. And we try to leave you smiling with our "Final Thought".

Our subscription rate is \$28.50 per year.

Continued on next page