

Chrome Points, Shovels Last Up To 20 Times Longer

Business is booming for a small Idaho machine shop that does the "impossible".

"You can't weld chrome to steel, according to most welding experts. But we've figured out how to do it," says Ray Stueckle, president of R & H Machine, Caldwell, Idaho. "We weld on tips, points and shovels made of 25 to 28% chrome, which is as high as you can go in percent of chrome. If it's higher, the replacement shovels and points are too brittle and will break too easily."

Stueckle's customers claim they're getting 10 to 20 times more wear from the long-wearing chrome alloy cultivator, subsoiler, chisel and harrow points and shovels from R & H Machine.

The company offers a wide variety of points, shovels and sweeps up to a maximum width of 4 to 5 in. "Chrome parts wider than this tend to get too brittle and fragile to stand up against rocks and hard ground. Farmers have asked us to make up chrome plow shares but we've declined because of this same brittleness problem since width of the chrome replacement would be more than 4 to 5 in."

Cost of chrome alloy replacement

parts from R & H Machine generally run about twice the cost of conventional points and shovels. "In addition to lasting 10 to 20 times longer, you'll discover that it takes a lot less power to pull a chisel plow, field cultivator, subsoiler, ripper or harrow equipped with our chrome points," Stueckle points out. "For example, nothing pulls harder than a subsoiler equipped with points that have been cross welded and easily cake up with dirt. Also, standard points and shovels self-sharpen to a point, then start to heel. Ours stay mirror bright and are designed to self-sharpen without giving you this heeling or sledding action, which makes the implement pull harder," explains Stueckle.

He offers this "tip" for anyone doing his own hard surfacing of shovels and points: "Don't make the mistake of hard surfacing only the area where the point or shovel will wear. You have to go beyond that and also hard surface the opposite or underside so both sides wear evenly."

R & H Machine offers complete, ready to mount chrome points and shovels. Or, you can buy weld-on

chrome tips and points and do the welding yourself — using special rods furnished by R & H Machine.

"We encourage farmers to test our chrome parts by putting two or three of our shovels or points on a machine and run them right alongside new standard parts purchased locally. You'll find that when the standard parts are completely worn out, ours will barely show any wear. What's more, they'll outwear 10 to 20 standard shovels or points."



R and H Machine offers chrome-alloy replacement points and shovels for most makes of harrows, cultivators, chisels and subsoilers.

For more details, contact: FARM SHOW Followup, Ray Stueckle, R & H Machine, Box 1348, Caldwell, Idaho 83605 (ph 208 459-1508, or 1507).



Chrome subsoiler points from R and H self-sharpen without the usual heeling or sledding action of worn conventional points.

ABOVE-GROUND FIBERGLASS TANKS COST 40% LESS THAN UNDERGROUND STORAGE

Low-Cost Tanks For Stockpiling Fuel

"Farmers looking for low-cost fuel storage will have to go some to beat the price tag on our new above-ground tanks," says Marvin Jurrens, president of Fiberglass Unlimited, Watertown, S. Dak.

The company has introduced a new line of fiberglass tanks designed for above-ground storage. "You can get up to 20,000 gal. of fuel storage for about 40% less cost than comparable size underground tanks which have to meet much stricter standards than are required for above-ground tanks," explains Jurrens. "Compared to above-ground steel tanks, our new fiberglass tanks are competitive in cost, plus they have the key advantage of being corrosion resistant, and have much longer life."

Fiberglass Unlimited offers above ground tanks to 21,000 gal. in size. A 10,000 gal. tank, for example, sells for \$3,240. "An underground fiberglass tank this size sells for \$6,725," says Jurrens.

His company's above-ground fiberglass tanks are 12 ft. in dia. and are available in heights up to 25 ft. "They're all one piece, made of a filament-wound process of continuous strand roving impregnated with resin to give them added strength over conventional methods of hand lay-up, or chopped glass types of construction," explains Jurrens. Individual tanks can be custom made with vents and "manhole" openings

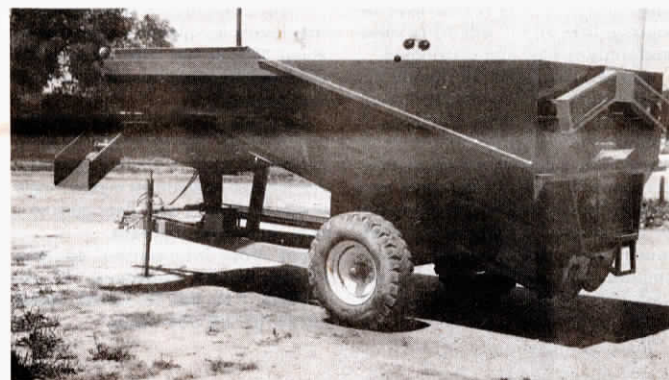


Above-ground tanks up to 21,000 gal. are available.

where you want them, and as big or small as you want. All tanks are equipped with 3 cold rolled lifting lugs set 120° apart around the top edge of the tank. These lugs are used in lifting the tank and for attaching guy wires, if needed. Each tank comes equipped with a permanent calibrated gauge which shows, at a glance, the contents of the tank. The gauge is imbedded in the tank wall.

Individual tanks come with an 18 by 24 in. bolted manway in the outer shell for easy access into the tank for cleaning and so forth. All tanks are equipped with anchor lugs around the bottom edge. Vertical tanks are available without tops for storing liquids that don't require a lid, such as liquid manure or slurry, or if placed under a roof for storing such materials as liquid fertilizer or liquid livestock supplements.

For more details, contact: FARM SHOW Followup, Fiberglass Unlimited, Marvin Jurrens, president, Box 1297, Watertown, S. Dak. 57201 (ph 605 886-5137).



Four augers inside the "slanted" mixer combine livestock, poultry rations at rate of only 2 min. per load.

"SWEETHEART" FROM KELLY RYAN

New "Slant Auger" Mixing Feed Wagon

A first of its kind feed mixer from Blair Mfg., Blair, Neb., features a "slant auger" design for mixing livestock and poultry rations — from all grain to all roughage and any and all combinations in between — in only 2 min. per load.

Called the "Sweetheart," the new auger mixing feed wagon features two 20 in. "slant" augers on the bottom and two 12 in. upper augers. "The new design concept will thoroughly mix a 250 cu. ft. load in 2 min., or less, and you don't need a lot of power to turn it," the manufacturer explains. "Power equivalent to a Farmall H tractor is all you need. A 15

hp. electric motor is sufficient for operating the unit as a stationary mixer."

The "Sweetheart," mixer is 89 in. high, 88 in. wide, 12 ft. long and weighs 4,400 lbs. Clearance of the unloading spout is 38 in. In all models, available truck mounted, or on a single axle for towing behind your tractor, the hydraulically-operated feeding gate is controlled by the driver, right from the truck or tractor seat. Sells for \$8,888.

For more details, contact: FARM SHOW Followup, Blair Mfg. Co., 929 Washington Street, Blair, Neb. 68008.