

Farm Shop On Wheels

"It's a shop wherever you stop," says Floyd Rider, Steffner, Fla., manufacturer of Porta-Shop, a new farm shop on wheels.

Heart of the "go anywhere" Porta-Shop is a combination 180 amp welder and 5 kw Onan generator for operating a wide variety of 120/240 volt tools and equipment.

Power for the generator — welder is provided by a 14 hp., air cooled engine. It's equipped with a fuel pump, making it easy to connect to large auxiliary fuel tanks for extended periods of operation, such as might be encountered during a power outage.

Other key components include: A twin cylinder air compressor driven by a 1 hp. electric motor and mounted on a 12 gal. tank — provides 5.4 cu. ft. of air per minute at 90 psi with a 100 psi cutoff; and an oxy-acetylene tank carrier which holds the tanks upright and provides racks for convenient hose storage (you supply your own tanks and torch).

The trailer top provides a 3/8 in. thick steel work table measuring 5 ft. wide and 7 ft. long. The trailer itself is rated at 3,500 lbs. load capacity and is equipped with electric brakes, 15 in. wheels and tires, and a 2 in. ball hitch. Hinged doors on the table top provide easy access to the engine and air compressor for servicing.

Four storage cabinets and two drawers provide a place for portable electric and air powered tools, hand

tools, welding rod, nuts, bolts, grease fittings chain repair links and hundreds of other items needed in the field. These items are all stored out of the weather and under lock and key.

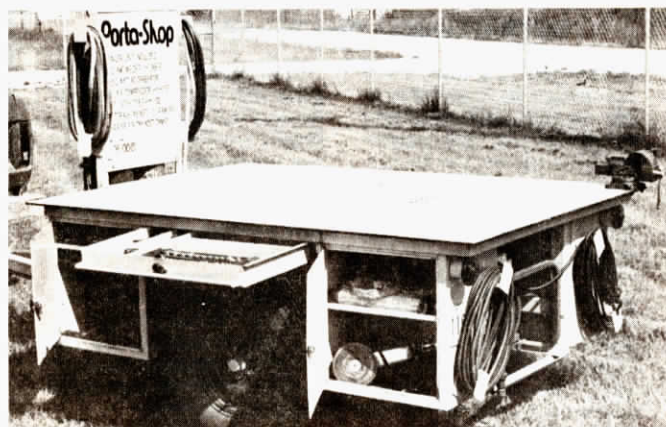
Tool cabinets are 14 in. deep, 21 in. wide and 24 in. high. Drawers are 18 in. deep, 30 in. wide and 3 in. high.

Rider notes that portable tools of many kinds can be operated from the Porta-Shop, including drills, grinders, impact wrenches, saws, nail guns, and paint sprayers. Various tools can be mounted on and operated from the Porta-Shop, such as power grease guns, battery chargers and boosters, drill presses, high pressure washers, or electric powered pipe threaders, to name a few.

"The problem with mounting all this equipment on a truck is that the truck is tied up as strictly a service vehicle. However, with the Porta-Shop trailer, the truck is freed for other jobs. Any vehicle, truck or tractor that's available can tow it to the field, or back to headquarters.

The Porta-Shop lists at \$4,250, including the trailer complete with electric bracks, welder, generator, air compressor, hose, welding cables, vise and an oxy-acetylene tank carrier.

For more details, contact: FARM SHOW Followup, Porta-Shop, c/o Skid Steer, Inc., 1601 Kingsway Road, Steffner, Fla. 33584 (ph 813-685-7847).



Weight of a typical Porta-Shop equipped to go to the field, including tanks, tools, bolts, welding rods, etc., is approximately 2,800 lbs. Work table is 5 by 7 ft.

AUTOMATICALLY STOPS, STARTS AUGERS

New Control Switch Is A "Humdinger"

Unable to keep a conventional pressure switch from sticking, an Indiana hog farmer solved the problem by inventing a new "Humdinger" switch for automatically turning grain and feed augers on and off.

Activated by a built-in light bulb and electric eye sensor, it operates automatically whether in broad daylight or total darkness. "Unlike conventional paddle-operated pressure switches, it has no moving parts and isn't affected in the least by moisture content of the feed or grain. What's more, it's easy to install. Just mount it on a 3 in. dia. clear plastic tube and plug it into any 110 volt outlet. In fact, it can be wired to the existing wiring of the pressure type switch it is replacing," explains Ed Smith, Jr., inventor and manufacturer of the Humdinger switch.

He notes that when the 3 in. tube is full of feed, the feed blocks passage of light from the unit's bulb to an electric eye sensor. As feed in the tube drops down to a certain point, the barrier is eliminated — light from the bulb automatically triggers the sensor which, in turn, starts the auger. The unit can also work in reverse so



Ed Smith, Jr., (pictured) notes that his Humdinger auger switch has no moving parts and is easy to install.

as to automatically shut off the auger when a bin or feeder is full. "It works on any type of grain and is simple to install in bins, feeders or wherever needed," Smith told FARM SHOW.

Suggested retail is \$92.50, less shipping.

For more details, contact: FARM SHOW Followup, Avilla Enterprises, Box 546, Avilla, Ind. 56710 (ph 219 897-3104).

RUNS POWER TOOLS, CHARGES BATTERIES AND WELDS FROM UNDER THE HOOD

Many Uses For New "Auto-Pod"

You won't believe the many things you can do with Auto-Pod, a new "under the hood" device that gives you 120 volts from the vehicle's 12 volt battery.

With S & W Industries' new Auto-Pod III mounted under your car or truck hood, you can draw up to 3750 watts of 120 volt power from the vehicle's 12 volt battery — enough to operate an electric saw, drill or other power tools, or up to 7 500 watt light bulbs. You can also use the Auto-Pod to charge a 12 volt battery to 80% in 5 minutes, or for a wide variety of arc welding jobs.

The device uses DC power and will not operate an AC motor or a device having a transformer. It will, however, operate any power tool having a universal brush motor. The entire function is automatic, which means the unit is not engaged until the

switch is thrown on whatever appliance is being operated. It features an automatic throttle adjustment that controls the motor's output by increasing the vehicle's engine speed when extra power is needed. When you turn off the tool, engine speed drops back to idling speed.

The manufacturer guarantees up to 20 min. of continuous operation without damage to the Auto-Pod III. The unit is 8 1/4 in. wide, 3 in. deep and 3 in. high. It weighs 6 lbs. and is made from rust-proofed 18 ga. steel.

The device sells for \$219.95. Welding and battery charge cables are optional.

For more details, contact: FARM SHOW Followup, Key Associates, Box 32496, Oklahoma City, Okl. 73123 (ph. 405-722-4102)



Auto Pod mounts permanently under car or truck hood. Features automatic operation and only kicks in when tool being used is turned on.