

Air cleaner rides on four caster wheels. Suction arm on front draws dirty air into the unit before it has a chance to get out into shop.

Portable Filter System Keeps Shop Air Clean

If you're tired of breathing in welding smoke or grinder dust particles when working in your shop, you'll like this new portable air cleaner that goes where the work is.

Wayne Hughes, owner of Air-Vac Systems, Cedar Falls, Iowa, says, "It pulls welding smoke or other fumes and particles away from your face before they can get into your breathing zone," he says.

The first-of-its-kind air cleaner rides on four caster wheels and is housed in a 16-gauge steel cabinet that measures 3 ft. wide by 2 ft. deep by 6 ft. high. A "step-on" brake locks the unit to the floor while it's in use.

An electric fan at the top of the unit pulls dirty air through an 8-pocket bag filter inside the cabinet. An 8-in. dia. suction arm on front draws dirty air into the unit before it has a chance to get out into the shop. The arm can be swiveled left or right 180 degrees, and also swivels at the hood and at the center of the hose. External springs counterbalance the weight of the arm, with friction joints added for stability.

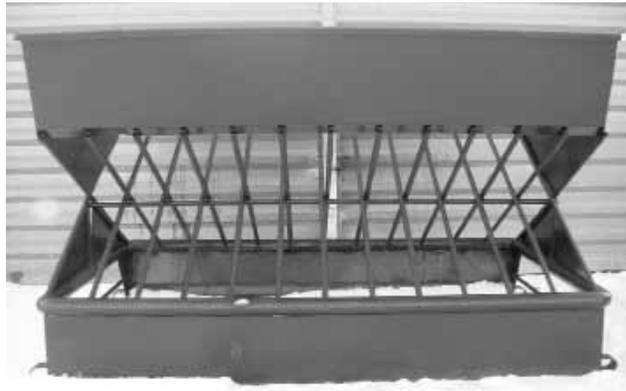
"If you want you can even set the hose to reach 11 ft. straight up into the air," says Hughes.

A metal mesh spark arrestor filter is located below the bag filters and catches sparks in a slag pan, which can be pulled out and emptied. It prevents any hot sparks from going into the bag filter and catching on fire. "The bag filters need to be changed only about once a year. The spark arrestor filter should be cleaned about once a month," notes Hughes.

Sells for \$3,980. There's a \$400 discount price is \$3,580 for Farm Show readers.

Contact: FARM SHOW Followup, Air-Vac Systems, 1514 W. Lone Tree Rd., Cedar Falls, Iowa 50613 (ph 800 234-2473; whughes@cfu.net; www.air-vacsystems.com).

Reader Inquiry No. 208



Upper half of X-Box hay feeder holds bales off the ground, while solid panels on lower sides protect dropped hay from getting trampled.

X-Box Feeder Maximizes Returns

Steve Greenslade says his X-Box Bale Feeder cut his hay feeding costs in half. "We were trying to find a way to lower our feeding costs when we came up with the X-Box design," recalls Greenslade. "It works so well, I only use my processor for bedding and the tractor for loading the feeders."

The heavy-duty hay feeders are fabricated from recycled oilfield tubing. They are 12 1/2 ft. long, 7 1/2 ft. wide and 7 ft. high. There are two models available: cow/calf and cow/bull. They weigh about 2,000 lbs. and are mounted on skids.

"You can pick them up with a hydraulic bale truck like a bale or skid them with a tractor," says Greenslade.

The upper half of the feeder holds the bales up and off the ground. Solid panels on the lower sides protect dropped hay from getting soiled.

"It even works well with freshly weaned

calves," says Greenslade. "They have no problem learning to reach up to the hay."

Greenslade says customers have told him their X-Box Feeder paid for itself in a month with feed savings alone.

The hay feeders are priced at \$2,795 (Canadian). Greenslades offers discounts on additional units ordered.

Be sure to check Greenslades Web site (www.greenslades.ca) for other innovative agricultural ideas like- the 6-PAK Bale Hauler, POOR-BOY Bale Handler, HEAVY HI-LIFT Scraper, HI-LIFT Scraper, END-LESS FENCE PANELS, ECONO-SAW, & Recappers, just to name a few.

Contact: FARM SHOW Follow-up, Greenslades Northern Welding Ltd., Box 640, 405 3rd Ave. E, Hanna, AB, T0J 1P0, Canada. (ph 403-854-4488 or 1-800-598-5548; email: sales@greenslades.ca).

Reader Inquiry No. 163

Do-It-Yourself Loader, Backhoe

If you're looking to add a front-end loader or backhoe to a garden tractor, or compact tractor here's the place to go.

P.F. Engineering specializes in backhoe and front-end loader plans that allow you to build these yourself. They also offer a spindle upgrade design to boost capacity of front spindles to 1000 lbs.

Each set of plans includes a full set of measured drawings showing each part of the loader/backhoe with material dimensions and location of all holes; bill of materials listing all steel, hydraulics and miscellaneous hardware so you know the exact size, quantity and sources where to purchase; complete hydraulic schematics and a full set of 3D assembly drawings to show you the loader/backhoe as a whole and exactly where each part goes with exploded views included of the more detailed sections.

P.F. Engineering also provides free unlimited customer service by phone or email and



is happy to help you with any questions you might have along the way.

The front-end loader plan package sells for \$50 plus \$5 S&H. The Micro Hoe plan package sells for \$75 plus \$5 plus S&H.

Contact: FARM SHOW Followup, P.F. Engineering, 47 Pomeroy Lane, Amherst, Mass. 01002 (ph 413 256-4960; email: p.f.engineering@verizon.net; www.p.f.engineering.50megs.com).

Reader Inquiry No. 164