

“Tool Tube” Caddy

Tools are always at your fingertips with this new portable tool organizer that works something like a big tube-shaped pegboard.

The Tool Tube is a 2-ft. dia., 6-ft. high round PVC stand that mounts on a steel tread plate platform, which rolls on three heavy duty caster wheels. A handle attaches to one side. Pegboard-type holes cover the tube's entire surface, allowing you to snap in a variety of optional shelves, racks, and holders that are colored light blue, making them easy to see on the dark blue tube. Optional attachments include a screwdriver rack, socket rack, miscellaneous tool compartments, vise grip and channel lock holder, pencil or chalk holder, tape measure holder, square and tri-square holder, and tool shelf.

Long metal pegs can also be snapped into the holes, allowing you to store both SAE and metric box end wrenches. Decals that indicate the wrench size are located directly above the wrenches.

A towel holder and work light can be mounted on top of the unit, and shelves can be mounted inside for additional storage room. Four 110-volt electric power outlets can be mounted at the base of the unit to operate air or power tools.

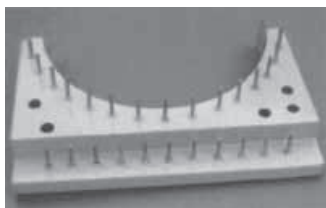
“It holds an amazing variety of tools, and you always know exactly where they are. The unit can be adapted to match any set of tools,” says Denton Mastre.

The base unit sells for \$485, and up to \$100 worth of attachments are available.

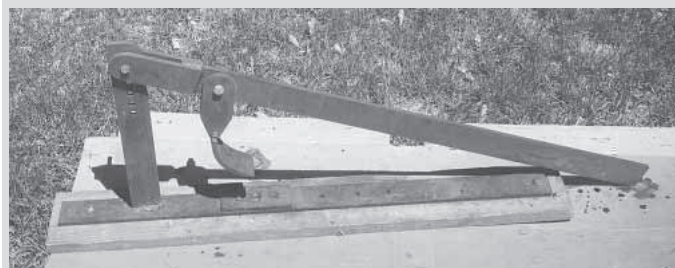
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Portable tool organizer works something like a big tube-shaped pegboard.



Pegboard-type holes cover tube's entire surface, allowing you to snap in a variety of optional shelves, racks, and holders.



Homemade bead breaker consists of a 42-in. long steel base plate that bolts to a 48-in. long 2 by 12 wooden plank.

Made-It-Myself Bead Breaker

Ron Young made his own bead breaker several years ago to make it easier to work on the more than 100 tires on his farm's cars, trucks, wagons, and farm implements.

It consists of a 42-in. long steel base plate that bolts to a 48-in. long 2 by 12 wooden plank. A 2 1/2-in. long upright has several holes drilled in it to adapt to different size tires. A 60-in. pry handle pins to the upright. A curved bead-breaking shank hangs down from under the handle. It pivots on a loose

bolt so it can swing, adjusting to the location of the bead. An adjustable rim-holding plate rests on top of the bottom base plate. It's just a plate that can be moved back and forth to secure the rim.

“It makes the job easy. I made it from scrap metal,” says Young.

Contact: FARM SHOW Followup, Ron Young, 6870 State Rd. 938, Eau Claire, Wis. 54701 (ph 715 834-0983).



A 2 1/2-in. long upright has several holes drilled in it to adapt to different size tires. A 60-in. pry handle pins to the upright, and a curved bead-breaking shank hangs down from under it.

Tractor Air Cleaner Helps Riding Mower

The 18 hp engine on Bob Bugger's White FR18C riding mower is running on cleaner air since he added an oil bath air cleaner off an old late 1940's Massey Harris tractor.

The Effingham, Ill., farmer welded a clamp-style mount to hold the old cleaner and bolted it to one side of the mower frame. It lines up between the mower's front and rear wheels.

“I bought the mower from my son-in-law, and when I got it the original engine had already been replaced,” says Bugger. “After using the mower just once I knew why - the air cleaner was already dirty after one use. The air cleaner was mounted in an enclosed area and had a pre-cleaner passage which was sucking in dirty air and blowing it into the engine. The pre-cleaner was a good idea, but not when it's enclosed like that because the engine had access only to dirty air.

“To solve the problem I had to block off the pre-cleaner passage without blocking the air flow to the engine.”

To do that he cut a hole into the side of the air cleaner housing and welded a length of exhaust pipe into it. Then he clamped a 12-in. length of flexible rubber hose onto the pipe, inserted it through a hole in one side of the mower's frame, and fastened it to the outlet of the oil bath air cleaner that



Bob Bugger added an oil bath air cleaner off an old late 1940's Massey Harris tractor to one side of his White riding mower.

was mounted to an outside frame rail. To seal the top of the original air cleaner, he cut a vacuum hose lengthwise and slid it onto the edge of the top plate.

“I added the air cleaner five years ago. Without it, I'm pretty sure I'd have gone through an engine or two by now,” says Bugger. “I've never had to change the air cleaner, and the oil stays cleaner so I don't have to change it as often.”

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Aerosol Paint Can “Shaker”

Paul Dietz got tired of wearing out his arm while shaking aerosol paint cans.

“I thought there has to be a better way so I could do other jobs while the paint was being mixed.”

So he came up with an automatic “revolver” that simply rotates the can around and around, causing the ball inside to roll back and forth. The device makes use of a windshield wiper motor and an ordinary car jack.

He started with a 2-speed wiper motor. He removed a metal arm that attaches to the wiper blades.

The aerosol can is strapped onto a metal cradle, which consists of a piece of sheet metal with the edges curled up. He drilled a hole into the cradle and threaded it, allowing him to mount the cradle directly on the wiper motor's threaded shaft. The motor itself is welded to the top of an old bumper jack, which is clamped to the jack's post.

To operate the shaker, he uses alligator clips to hook up the motor to a car battery. “As soon as I feed power from the battery to the motor, the can starts revolving. It goes slowly



Automatic “revolver” rotates the can around and around to thoroughly mix paint.

around and around like the minute hand on a clock, causing the ball inside the can to start rolling back and forth,” notes Dietz.

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Oven Range Hood Gets Rid Of Welder Fumes

A salvaged oven range hood works great for exhausting welder fumes, says Bob Bugger, Effingham, Ill.

He bolted an old oven range hood to the wall of his basement to keep fumes from getting into his house, running ductwork from the hood out a basement window. To support the hood he made a wood frame hung from the floor joists, and uses it for storage.

“I do welding work closeby, and a lot of times I move my welding table under the hood and work there,” says Bugger. “I had been using a fan to blow fumes out the door, or else I did my welding outside. The hood is nice because it has not only a fan but also a



Bob Bugger bolted this old oven range hood to the wall of his basement to pull fumes out of his house.

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