

Rolling Shop Chair Made For Comfort

The Kneel-It is an ergonomic low-work posture-support device for anyone who kneels for prolonged periods. It's well-suited for shop work and is designed to relieve strain and decrease knee injuries.

"My background is in aerospace; I was a Lead Engineer at Northrop Grumman in San Diego for 14 years before developing Kneel-It," says Frank Manjarres, founder of Smart Design Products, Inc. "I've always been a driven person, always looking to learn new skills. I'm a do-it-yourself type, and my wife took it upon herself to add flooring to my skills. Little did I know that it would test my body's pain threshold."

Put another way, Manjarres invented the Kneel-It through necessity. "After about 100 sq. ft. into learning this new skill, the pain became too much," he says. "I explored options for a low posture work support device. In my mind, this was just a matter of searching and placing my order for a kneeling cart. But I quickly realized options were limited." This led Manjarres to create a solution. "It became my mission to make sure that the folks with these low posture work tasks like plumbers, electricians, painters, mechanics, shelve stockers, autobody workers, and more had a product that would truly be a solution to their very real pain. That's when I decided to develop Kneel-It.

"It's built with spring-loaded knee pads that pivot. This gives our customers maximum comfort by adjusting to their unique body structures," he says. "Plus, Kneel-It's compact and easy to use, and the hardware can be replaced quickly, 100 percent tool-free."

The sturdy construction can support up to 250 lbs., and the compact design allows for easy storage and transport. It's made from cold-rolled steel, fiberglass-reinforced nylon, PP foam and stainless steel. Built-in cushioned knee pads add comfort, and the



Low posture work support chair was designed by former aerospace engineer.

360-degree turning capability improves functionality. Interchangeable attachments allow for more comfort, while the included roller mounts increase mobility while protecting floors.

Customer reviews show that Kneel-It makes sense for anyone who does a lot of interior finish work, including flooring, baseboard work or painting. A clean working surface works best, so outdoor projects might take more planning. Many agreed that the Kneel-It's price was well worth it for the lack of pain they felt at the end of the day.

Now in its third version, the Kneel-It has added rotatable casters to switch between a braking and rolling configuration, as well as an upgraded quick pin seat attachment method. There's also an upgraded finger latch for easy seat removal and a new color scheme.

Purchase the Kneel-It on the company website for \$320. "Our bodies have a shelf life," Manjarres says. "We should take every measure to protect them because we are worth it."

Contact: FARM SHOW Followup, Frank Manjarres, Smart Design Products, Inc. (ph 520-390-5007; hello@kneelit.com; www.kneelit.com).



Groove in drum allows strap to be fed rather than pulled all the way through.

Fast And Easy Ratchet Tie-Downs

Unlike traditional ratchet straps, KwikFeed straps are designed with a unique ratchet mechanism that allows for quicker tightening and release. This can save time, whether hauling hay, securing equipment on a trailer, or keeping materials organized on the go.

In addition to hauling and transport, the straps are also suitable for keeping tools, hoses and other items stored and organized. They can help reduce clutter in barns, sheds and vehicles.

The groove in the drum makes these straps unique. Rather than pulling the strap all the way through, you can just feed it into the slot from the side.

The 1-in. by 12-ft. tie-down is a general-purpose strap with a 500 lb. working load limit and a 1,500 lb. break strength.

Another option is a 1 1/4-in. by 16-ft. tie-down marketed as professional grade and has a 1,000 lb. working load limit with a 3,000 lb. break strength. It has a patented forged

steel drum.

The Extreme Edge versions offer 30 percent more wear-resistant webbing and an oversized, non-slip handle.

They also offer a 2-in. by 27-ft. heavy-duty commercial-grade tie-down with a 3,333 lb. working load limit and a 10,000 lb. break strength, exceeding DOT requirements.

The straps have earned good reviews from customers online. "These straps are a lifesaver. I use them to secure my hay bales and equipment, and they save me time compared to regular straps," says Ben M., a rancher from Texas.

Starting at \$16, the KwikFeed ratchet tie-down straps can be purchased at Home Depot stores nationwide.

Contact: FARM SHOW Followup, Keeper Products, 50 Icon, Foothill Ranch, Calif. 92610 (ph 800-562-5625; www.keeperproducts.com).

FARM SHOW®

Money-Saving Repairs & Maintenance Shortcuts

Have you come up with any unusual money-saving repair methods for fixing farm equipment? What maintenance shortcuts have you found? Have you had any equipment recalled by the factory? Name a particularly tough mechanical problem you've had with a piece of equipment and how you solved it.

These are a few of the questions we asked randomly selected FARM SHOW readers. If you have a repair tip, maintenance shortcut, or other mechanical experience you'd like to share, send details to: FARM SHOW, P.O. Box 1029, Lakeville, Minn. 55044 or email us at: editor@farmshow.com.

Scott Geyer, Editor & Publisher

Tommy Sanson, Red Wing, Minn.: "To get more life out of your old diesel, use engine oil mixed with new diesel, one quart to 10 gal.

"Use J-B Weld to repair threads and bad bearing shafts. Cut, resize and then turn down or sand down the shaft so the bearing fits tight.

"If you have a dirt floor, set a board on jacks to store batteries to protect them from the ground."

J.C. Macha, Plainview, Texas: "Silicone, duct tape, wire and an inner tube are all a farm shop needs."

Dave Krell, Kennewick, Wash.: "Regarding Husqvarna mowers/small engines: Don't leave gasoline in small engines over the winter. Start them up, then drain the gas tank with a turkey baster after shutting the engine off. Then start them again and let them run out of gas. Having a dry carburetor will ensure a reliable start in the spring."



Erik Hewitt, Hillsville, Va.: "In the past, when I would take my Deere 970 out to do some work, I always felt I should carry some chains. I would put them in a toolbox that rested behind my seat. When I needed a chain, I had to climb off the tractor and up the rear to reach my chains. I created a time and back saver by bolting two steel ammo boxes to the back of the bucket. Now, my chains are always with me, easily accessible and ready at hand."

Greg Krush, Hotchkiss, Colo.: "When I moved my farm 300 miles, I used apple bins to move my shop with a forklift on each end. I didn't have to pack tools, cylinders, etc. I just put them in apple bins and strapped them onto the trailer. You could also use totes if you cut the tops off."

Alan "Lindy" Linda, New York Mills, Minn.: "Tired of losing your chainsaw

bar nuts out in the woods? Glue two small Alnico magnets to your saw. Lightly sand the backs of the magnets so the glue sticks better. Clean the glue surface well. I used hot glue.



"There's often unused room under a shelf. Bend a piece of scrap metal for a custom-fit storage space."

Bruce Madden, Castleberry, Ala.: "I'm one of the many farmers that can't back a four-wheeled wagon. I welded a 6-in. metal hitch on the front of my Polaris, and now I can drive it back under the shed."



Quinton Tschetter, Oskaloosa, Iowa: "Most of the things in my shop are on wheels so I can move them around as needed to make room for projects. However, some have only two wheels and can be quite heavy to pick up and move. I built a little mover to help. I just tip the top of the mover under the item's edge and tip back to lift it off the floor."