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Delta table saw overarm dust collection

sharkguard-cover Official COVID-19 Response: Heck with Covid. We've all lost family to it here.... a total of 4 in all of our families, we've taken every precaution to prevent it and continue to do so, but this is America and the ones we have lost wouldn't want us to do anything different but live our lives as free and independent as we can....and we will. We have been fortunate to be able to source supplies. In some cases, we have products in stock and ready to ship. When we do need to manufacture an item, we strive to process orders and ship them in a timely manner, however lead times may vary depending on saw model. Just shoot us an email when ordering for current lead times. Factors that may influence production lead times include fabrication and component availability, customization requirements, and seasonal order volumes. Orders may be expedited, if required fabrication and component availability, customization requirements, and seasonal order volumes. Orders may be expedited, if required fabrication and component availability, customization requirements, and seasonal order volumes. money on broker fees. It only takes 6-10 days for a package to reach Australia but 3-4 weeks to Canada. There is an extra shipping charge to countries outside the US. We are very blessed to be experiencing quadruple the normal amount of orders and are working around the clock to keep up with production. In 2022, we are asking everyone now to send us an inquiry or email will be answered but it can take a few days since we are so busy. You can also call us or send a text to Ron's cell (251-533-9596) with any questions you may have. We can cover the blade on most table saws in existence. Chances are we have covered your saw or one similar to it. With new saws, we don't charge R&D. Please make sure you are able to receive emails from us if you do send an email and please leave a phone number if you would when you order so we can ensure you get the proper package. Check out the shop section of the website for the packages. The model numbers for each saw is listed under the packages. When you place an order and don't have an email or text from you, then we will call to confirm the table saw model before we ship your package. To ensure the correct order is placed a text is quick and simple even from foreign countries it is usually free. Again, we do not give out phone numbers so don't worry about us giving your number to a telemarketer we get enough of those ourselves. We appreciate your continued business and support — we hope we help you create lasting memories that make this trying time a bit more bearable. PLA is great thermoplastic when strength and temperature tolerance isn't an issue. It is extremely easy to printing. Unfortunately, "easymode" comes at a cost. It is much weaker than the other thermoplastics utilized in 3D printing, such as PETG, ABS, PC and Nylon. PLA will soften even in the sun. It is also much more permeable than PETG, making food application and contact more dangerous. It is more brittle and has poorer layer adhesion. Basically it's very weak compared to the other thermoplastics. We will never offer any of our products in PLA. We feel that it is an inferior plastic for our applications. NEVER SETTLE FOR PLA. Watch the DP Shop Talk Episode! Dust collection is an important part of any woodworking shop. Wood dust is both a health hazard and time consuming to clean up. The table saw is notorious for creating a lot of dust in the shop and is a machine that needs some extra attention. A lot of the newer table saw models have some good built-in dust collection features but saws that are a little older don't have these features. I've come up with 4 basic upgrades that I made to my contractor-style table saw that have vastly improved the dust collection. The upgrades can be applied to just about any style of table saw though to improve your dust collection. The upgrades include a dust port in the back of the saw, enclosure panel on the back of the saw, custom cut foam to seal smaller openings, and a shop-built overarm dust collector. The you have a Delta contractor-style table saw you can download the free plan below for the magnetic back panels. (Be sure to join in the discussion at the bottom and leave your comments and questions, and also use the share button to share the article with your friends and colleagues). Table saw dust collection upgrade #1 - Add a dust port The most basic dust collection that you can add to your table saw is a dust port below the blade. Inexpensive plastic trays with a built-in 4" port (see link at bottom of page) work well for saws that are open on the bottom of the saw you can add MDF fillers around the perimeter like I did. Some duct tape seals up any small opens left and holds everything in place. If you have a cabinet-style saw dust collection upgrade #2 - Close the back Most portable and contractor-style table saws are open at the back which makes for very poor dust collection. Having the back open allows dust to escape from the back as well as making it impossible to concentrate the suction from the dust collector. I designed custom MDF panels for the back of my Delta contractor-style table saw that attach magnetically. There are two panels that fit together to form a complete enclosure and also allow for the drive belt and motor mount. The panels have rare-earth magnets embedded in them which give a strong connection to the saw but make it quick and easy to remove the panels. Click on the button below to download a free PDF plan for the back panels. Table saw dust collection upgrade #3 - Fill the gaps The majority of the gaps around the saw should be closed in to help concentrate the suction to around the blade and help keep dust from escaping. You don't want to fill every gap and make your saw air tight otherwise you will starve your dust collection efficiency. I used upholstery foam that I had kicking around the shop to cut to custom shapes and sizes to fit in around the blade tilt slot as well as the gaps between the saw top and cabinet. There are plenty of small gaps left like around the openings in the back panels and openings to help direct the suction to where the blade is doing the cutting. The more air that is drawn in close to the blade the better the collection will be. Table saw dust collection upgrade #4 - Overarm dust collection upgrade #4 making you look like you just walked through a sawdust storm. There are different commercially available overarm collectors available but I have designed my own shop-made version (we all know that I love shop made efficiency solutions). The dimensions of the overarm collector will be different for every saw but you can see how I made mine in the video below. The overarm uses a Bosch RA1175 dust collection attachment (meant for a router) and you can purchase that through Amazon below. By using my affiliate links you're helping support the site and the DP Shop Talk channel which helps me help you by bringing you more content. There is no extra cost to you but Amazon gives me a small commission from all items purchased. Any support is very much appreciated! If you have any comments or questions be sure to leave them in the comments box at the bottom of the page. Learn how to build your own overarm dust collector and my cross cut sled! 04-24-2020, 12:26 AM #1 I've had the Sawstop for years with its overarm dust collection system. I love the saw but their dust collection, not so much. The air hose is too small and it narrow further at the saw. It also gets in the way. Recently, I upgraded my dust collection to the Oneida Supercell (amazing suction) and want to get as much dust out of the shop air as possible. So the current Sawstop system is up for replacement. Anyone with experience with their newer, better overhead collector? What do you use? The Excalibur dust collector had great reviews but is no longer manufactured. I've seen mixed reviews for the Shark guard and not great reviews on many of the others. What do you like/dislike about your system? Google Sponsor 04-24-2020, 2:12 AM #2 When I got my cabinet saw, I looked at and bought a Delta Uniquard - that was a mistake. The guard portion was good for uneven work but no dust collection and it wouldn't get out of the way when I need to cut tenons etc. on the vertical. I kept the guard portion and the mounting hardware and scrapped the rest. I made my list of requirements and designed my own guard system. 3" steel pipe and swappable guard portion, using a Whale Shark guard portion that provides suction through the pipe and swappable guard portion that provides suction through the pipe and swappable guard portion that provides suction through the pipe and swappable guard portion that provides suction through the pipe and swappable guard portion that provides suction through the pipe and swappable guard portion that provides suction through the pipe and swappable guard portion that provides suction through the pipe and swappable guard portion that provides suction through the pipe and swappable guard portion that provides suction through the pipe and swappable guard portion that provides suction through the pipe and swappable guard portion that provides suction through the pipe and swappable guard portion that provides suction through the pipe and swappable guard portion that provides suction through the pipe and swappable guard portion that provides suction through the pipe and swappable guard portion that provides suction through the pipe and swappable guard portion that provides suction through the pipe and swappable guard portion that provides suction through the pipe and swappable guard portion through the pipe and swappable gu swing out of the way when I need to cut something tall. Is it perfect - no. The counterweight system could be more refined but it's as good as I can make it with the tooling I have available. Does it work - yes. Would I do it again - in a heartbeat. I checked the date on my files, I make it back in 2013 and have used it ever since. Something like this takes some metalworking skills and tools, I was able to do it so if I can do it, so can others. 04-24-2020, 8:43 AM #3 Have you tried simply increasing the size of the hose? I have a Shark Guard that has a 2 1/2" port and I have a Shark Guard that have from what I can tell, the design is all pretty much the same. Sure, one might adjust differently than the other but it's just an overhead quard. Nothing magical about the design as tronger DC). Good luck, Erik Ex-SCM and Felder rep 04-24-2020, 10:13 AM #5 Have you got a duct running overhead? If so, then tap off it with a 2-1/2" flex & drop it down to the guard. That's my setup & it works very well. The only time any dust escapes is when taking a cut that is less than a kerf width, then dust scoots out the left side of the guard. 04-24-2020, 10:18 AM #6 We have an Excalibur blade guard with dust collection. I primarily bought it for the blade guard function is pretty darn good also. I like that it easily swings out of the way when needed. Id recommend it. 04-24-2020, 10:22 AM #7 I have the Sawstop guard. The saw is connected to a shop dust collection system, but the guard is connected to a Fein vacuum: excellent results with this setup. 04-24-2020, 10:28 AM #8 Alan, I used the overarm dust collection for years. As soon as I saw the overarm guard with dust. What I found was that it didn't do much better than the overarm guard frequently tipped so that it was dragged along as I pushed the board through that I was not using it more than I was not using it was not using it was not using it was not using it w required by the overhead guard didn't allow it. So I swapped them back. I use the guard on every cut it can be used which I didn't with the overhead which makes it a better guard because it gets used. If you still want to try the overhead which makes it a better guard because it gets used. If you still want to try the overhead which makes it a better guard because it gets used. If you still want to try the overhead guard and you're anywhere near northeast Indiana I can make you a great deal on one. Good luck with your quest6. Cliff The problem with the world is that intelligent people are full of doubts, while the stupid ones are full of confidence. Charles Bukowski 04-24-2020, 11:24 AM #9 I've got the SawStop, and I've checked the default guard attached dust collector, and my DIY version of the Excalibur setup. In my experience I get slightly better performance from the default quard attached collector, when it's hooked to a dedicated shop vac. Otherwise the excaliber style dust collector is a better approach, particularly if you want to connect it to a dust collector, both are about comparable in ease of removal. And you do need to be able to easily remove the system, because I find that both tend to get in the way from time to time. 04-24-2020, 11:44 AM #10 I have the Grizzly universal overarm blade guard on my saw. It has a 4" port and is easily raised & lowered to accommodate different stock thicknesses. It also swings out of the way and retracts if you need it to. Here's the link: I've been happy with it, especially for the price. It looks very similar to the Excalibur. excalibur. jpggriz.jpg 04-24-2020, 1:31 PM #11 I have a sawstop PCS. Last year I installed a ClearVue CV1800 with the upgraded 16" impeller, and this year I installed the SawStop floating overam dust collector guard. I have both the cabinet and the floating overarm quard hooked to 4" flex coming off the cyclone. Between the two flex lines I am getting around 1700CFM of airflow (measured). This combination works amazing. The only that is not so great is cutting dado's with a dado stack. But I think that is hard for any kind of dust collection; I do get some dust coming off the cyclone. towards the operator with this operation, for everything else it works amazing. I tried a Shark Guard before the floating guard; it worked OK. But the 4" flex going into the Shark Guard was either constantly in the way. Also the guard itself would frequently become loose where it connects to the riving knife; I had to fiddle with it constantly. The anti-kickback prawls were equally unwieldy and basically did not work for me; I used it without the prawls before I got the big floating guard. The SawStop version looks pretty much the same design as the excaliber. As has been said, what matters most is the suction and airflow. 04-24-2020, 1:45 PM #12 I added the SS internal dust "cowling"?? to my ICS and it helped quite a bit with dust blows the dust away from the downdraft. Always a lot of accumulation on the table, fence groove, shirt and pants pockets etc. I got a SharkGuard with a 4" adapter to 2 1/2" hose to ceiling mounted 4" DC gate to 6" line. I have automatic blast gates and the 4" Y's after the gate to the table top and cabinet hookups. Still get blowby on trim cuts- but much less than before. When cutting sheet goods or more mid stock cuts there is no blowby at all-so that works just fine. I plan to change out the 2 1/2" flex to 4" and see if that captures the trim cut swarf better. I looked at the SS quard/DC adapter and it looked undersized to me so I went with the SharkGuard. I find I need to detach it frequently for narrow cuts and it gets to be a PITA. I will put a gate at the guard when I upgrade to 4" flex riser--lose a lot of suction when left open--and have a bungy and hook well above the table to "store" the guard and reattach easily. The internal cowling seems to help but with an efficient overhead guard collector not sure it would be needed. Good luck JCB. 04-24-2020, 1:49 PM #13 Completed Installation.jpgThis is the one I bought. It works well, swings out of the way with the flip of the lever or lifts off the mounting bracket without tools. This is the larger blade guard as I have a saw with scoring so I needed the large guard, you could use the 10" guard on your saw. The guard is meant for a large saw, I cut both pieces of tubing because I have a small saw...Rod.

