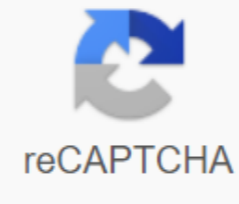




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## Tdp-0 manual tablet press machine

Operations & Maintenance Manual TDP-0 I. General Descriptions This machine is a manual single punching tablet press machine. It can emit round tablets less than 12mm, this single press machine applies to the pharmacy, chemical industry, food service, medical establishment or other places to apply. II. Specifications The main technical parameters and production capacity: Max. Pressure: 1.5kn Max. Tablet slide: 12mm Max. Thickness: 6mm Max. Filling depth: 16mm Production capacity: 40-60 pcs/min Weight: 24kg Total size: 300mm\*190mm\*480mm III. General structures The main box of these machines is the portal type made by carbon steel. The main axle crossing with the partial core gear and the cam. The tumbling arm and the hand stem are located on the right side of the axis. When turning the main shaft through manually, then it can cause the partial core acceleration, cam, lifting poker, feeder to run, do different lifting motion. The process of this machine is: A. Feed material; B. Punching the tablets; C. Ejection tablets. These are the three procedures that are constantly working. Each program can be customized, suitable for all types of tablets to form. The fine features of this machine are small volume light weight, attractive appearance, compact structure, easy operation, extensive use, easy to carry and so on. But it can also make all kinds of tablet using different types of die. IV. Operations, adaptation and regulation Set the moulds: Initially demount the hopper, feeder, middle mould plate, then the middle mould plate was, matte, cool, cool, keep them dry and clean. Then according to the following steps: Step 1: To set the lower punch, insert the lower punch pin into the hole of the lower punch core. Pay attention to the opening punch rod that insert at the bottom should focus on the set screw then twist the lock screw. Step 2: T put the top punch, insert the top punch pin into the hole pf upper core, also make sure to insert it at the top of the punch core, and connect the wrench with wrench. Step 3: Put the middle die in the dying hole. This is an important step to ensure that the upper, lower and middle mold are line up. Pay attention to the end face of the middle die should rinse with the surface of the plate, after adjusting, tighten the screw of the lock. Step 4: Keep the upper, lower and middle mold in line-up position, then mount the tablet middle plate on the machine body, twist the screws, and rotate the handle with the hands, makes the upper punch pin slowly down, adds in the middle dying hole. At this time, adjusting the middle mold plate. After the upper die pin stitch the middle dying hole should be maneuverable without whisking, and smooth. Then the screw turns on the middle dying plate and turns the flywheel again for ten revolutions or more. Now, if the punch and mold are properly mounted without strong friction, then input materials test. Step Step Apply the plotted rating nut (16) to control the height of the tablet. Make sure it will line up with the middle die plate when it's on the zenith. Step 6: Adjust the vularification nut (18) to regulate the thickness of the tablet. Do counterclockwise direction will increase the fill volume, so that it will add the thickness of the tablet. And vice versa. Step 7: Make sure the put-out height and thickness of the tablet, then tight the rating nut plate (17). Step 8: Adjust the hardness of the tablet: First loosen the upper dien hole slot nut (6) and the upper die hole. Then take the counterclockwise direction to lower the press, and vice versa. Please do not adjust wide range at once, just like the necessary, then tightly the upper dice lock nut. VI. Maintenance 1.Lubricating oil must be coated in lubrication points and surfaces each time before the press is operated. 2.When finished with a batch of production, must take the rest powder or grain, and wipe and clean the remaining powder in all parts in the machine and apply pharmaceutical quality fat. 3.If the press has not been in use for more than a week, then remove the punch and die, and wipe the machine clean, and apply pharmaceutical quality grease or white lithium grease to the smooth surface of components, then put it in the container with a lid. VII. Warnings 1.Never the hands between the dies to prevent the accident of injured hands. 2.Make sure the material are made to granules before punching the tablets. 3.De equipment must be attached to the work table when used. Find more TDP type Tablet Press Machines on our website [www.punchdies.com](http://www.punchdies.com). **Нализие ПУ: НормальныйСостояние: НовыйИсточник питания: Мечанизеский** Send your message to this supplier Great news!!! You're in the right place for tdp 0. By now, you already know that no matter what you're looking for, you'll definitely find it on AliExpress. We have literally thousands of great products in all product categories. Whether you're looking for high-end labels or cheap, economy bulk purchases, we guarantee it's here at AliExpress. You'll find official stores for brand names alongside small independent discount sellers, all of whom offer fast shipping and reliable, as well as convenient and secure, payment methods, no matter how much you choose to spend. AliExpress will never be beaten on choice, quality and price. Every day you will find new, online-only deals, store discounts and the ability to save even more by collecting coupons. But you may have to act quickly as this top tdp 0 is set to become one of the most sought after bestsellers in no time. Think how jealous your friends will be when you tell them you have your tdp 0 on AliExpress. With the lowest online prices, cheap and local collection collection make you an even bigger saving. If you're still in two minds about tdp 0 and thinking about choosing a similar product, AliExpress is a great place to compare prices and sellers. We'll help you find out if it's worth paying extra for a high-end version or if you'll get such a good deal by getting the cheaper item. And, if you just want to treat yourself and splash out on the most expensive version, AliExpress will always make sure you get the best price for your money, even to let you know when you're better off waiting to start a promotion, and the savings you expect to make. AliExpress prides itself on ensuring that you always have an informed choice when you buy from one of the hundreds of stores and sellers on our platform. Every store and seller is judged on customer service, price and quality by real customers. In addition, you can track store or individual seller ratings, as well as compare prices, shipping and discount offers on the same product by reading user comments and reviews. Each purchase is star-rated and has often comments left by previous customers describing their transaction experience, allowing you to buy with confidence every time. In short, you don't have to take our word for it - just listen to our millions of satisfied customers. And if you're new to AliExpress, we'll show you a secret. Just before you click on 'buy now' in the transaction process, take a moment to check for coupons – and you'll save even more. You store coupons, AliExpress coupons or you collect coupons every day by playing games on the AliExpress app. And, as most of our sellers offer free shipping – we think you'll agree that you'll get this tdp 0 at one of the best prices online. We always have the latest technology, the latest trends and the most talked about labels. At AliExpress, great quality, price and service comes as standard - every time. Start here with the best shopping experience you'll ever have. What is the difference between the TDP 0, TDP 1.5, TDP 5 and TDP 6s? This is a common question as all machines are very similar, but equally have different strengths. The easiest way to break it down would be in automatic anda manual machines. The TDP 0 is the manual model and requires you to rotate the handle on the side to produce the tablets. This has the least pressure and is the entry level model in the TDP range. The TDP 1.5, TDP 5 and TDP 6's are all automatics powered by an electric motor. The TDP 1.5 is the entry level model in the automatic machines that it has the least pressure at 15kn it is also limited in the size of the tablets it can produce. The TDP 5 is our most popular model can produce about 5,000 tablets per hour. The TDP 5 had 50kn pressure and can take tablets in diameter. The TDP 6s is the top of the range machine and is more suitable for irregularly shaped tablets. The TDP 6s also has a little more pressure on 60kn and is better suited for certain products that do not form tablets so easily. Does this machine come with free training? Yes, we offer free training at your local LFA office. For an overview of our office addresses, see here. Training is normally completed in less than a day, but get in touch for more information. What is your most popular press? The TDP 5. Without a doubt, this has been the most popular model for a while. We get customers coming back and upgrading to the RTP 9 (normally after a few years), but most customers start going for the TDP 5. Can I attach an engine to the TDP0? No, sorry it's just not possible. What is the maximum pressure of a TDP 0? The maximum pressure of a TDP 0 is 3.1 kN What material is the TDP 0 made of? What kind of coating is on the machine? Paint/Powder coating? The machine is made of a number of materials. The hopper is made of sheet metal, the tooling is made of S7 steel, the boot is cast of brass and has a chrome plate coating, the base is cast from FC250 and coated with an enamel paint. How do I apply the pressure correctly? Do I get a die with the machine or do I have to buy it separately? What size/shape are they? Yes, you get a die with the machine. Each machine is equipped with a die. If you want to customize it with your logo or lettering, but it takes 6-8 weeks. Or, we have a standard 8mm round, beveled edge with crusher installed in the machines in stock. Where is this machine made and shipped? All our machines are made by us, in Taiwan and are sent to you from our nearest office. We have offices in the UK, US, Germany and Taiwan. Because they are created by us, we are able to check the quality and provide you with the best possible support and because they are shipped from your local office, it reduces waiting times, avoids customs clearance and ensures that you have support in your time zone in a language that you find easy. Can I make shaped tablets? Or with a logo? Yes, you can. You are able to make each shaped tablet up to the maximum diameter of this tablet press that can be found under the specifications tab. We are able to adapt tooling to lettering, numbering and logos. If you want custom tools, fill out our custom tooling form: [www.lfamachines.com/custom-tooling](http://www.lfamachines.com/custom-tooling) How many tablets can the TDP make 0 per hour? We have been able to get speeds of about 30-50 tablets per minute, but the machine will only run as long as you have the energy to keep it running. It is difficult to take 30-50 tablets keep track for minutes. If you want to earn more than this, we've recommended the TDP1.5 or TDP 5. Does the machine need to be screwed? Does it come with bolts to fix it to a one No, it doesn't need to be put in position, but we recommend it. If the machine is not pinned into position by bolts or any other method then it is more likely to shake a bolt loose, resulting in several tablet weights. In addition, the vibrations are likely to make the machine sound louder. The machine does not come with bolts because we do not know the thickness of your surface. What is the maximum weight I can have in a tablet with a TDP 0? This will really depend on the bulk density of your tablets. Watch this video for more information The best way to describe this is with a trick question: What weighs more, a ton of feathers or a ton of lead? The answer is neither, because they both weigh a ton, but their dimensions are different. This is the same with powders. You have some that like sand and some that are light and fluffy, so compressing them at the same size doesn't always mean you can produce the same weight results because their particles keep weight different. If I'm the new business novice, I'm not sure which machine to go with, TDP 0, TDP 1.5, TDP 5 or TDP 6s? Are the TDPs CE certified? No, the TDPs are not CE certified. To succeed, they would need to be installed in a protective cage that we do not offer. Can I make food quality products on this machine? Can I make pharmaceutical tablets? Yes, the contact surfaces are all food and pharmaceutical safe. They are made from a combination of stainless steel, chrome brass and the steel used for your tools (often S7). As such, they are all in accordance with most rules for the production of food or pharmaceutical products. We strongly recommend that you check your local laws because they vary from state to state and from country to country. If in doubt reach and we will be happy to find out. In what packaging is the TDP 0 delivered? How many pieces does the TDP 0 enter? Is the machine assembled or do I need to assemble it? What PPE equipment is needed with this machine? We recommend using glasses, goggles, dust mask and gloves at a minimum, but you may need more depending on the products you work with and your local health and safety laws. How often do I have to greasy the machine and which parts of the machine in particular should I lubricate? We would recommend cleaning the machine and letting it re-grease after each use. This will ensure as long a life as possible. Here's a video on cleaning the TDP 5.When lubricating the machine, avoid getting one near the tooling or pressing surfaces like this will get into your tablets and affect your powders. Grease the top ridge well and bring a small amount to the upper drift pen assembly and the lower timing rod. With regard to the types of products we would recommend, this would depend on your product. If you are making food quality products then you would want to use a fat that was using NSF If you are making a very core biting sodium based product however, then you would probably need to use a product that is resistant to salting. More information about lubricating your machine can be found here:TDP 5 Lubrication Schedule Take all TDPs and VICE the same tooling? Yes, the VICE, TDP 0, TDP 1.5, TDP 5 and the TDP 6's of LFA all take what is known as Universal TDP Tooling.It is important to know two things. First, the TDP Universal Tooling will come into force in 2018 and LFA machines will have slightly different sizes before this time. We always recommend checking the size of your tooling before placing your order. Secondly, a number of companies make unofficial TDP tablet presses. They do not always meet the same dimensions, tolerance or quality of LFA TDPs or tooling. If you have gotten your press from anyone other than LFA, we cannot guarantee that our tooling fits. What is the duration of the warranty? And what are the terms and conditions? The duration of the warranty on one of the TDP machines is 1 year after the date of purchase. This warranty covers spare parts and excludes LFA tool and maintenance work for machine services. When you receive your machine, you will receive a serial number that is also stamped on the press. You will be able to use this if you ever need to make a warranty claim. Full details on the LFA warranty can be found here: [Warranty | We Have You Covered](#) Which parts carry most often and do I need to keep stock regularly? The most common wear part on the machine is the boot. This comes into direct contact with the mould cavity and can be hit or broken off by the upper and lower thrusts. This is made of brass, so that tooling is protected in the event of a collision. This makes the boot soft and will wear out over time. If anything, we recommend keeping a reserve to avoid losing production time. We also recommend keeping at least 1 spare set of tooling, as this may break or wear out over time. LFA aims to keep all the important spare parts and tools in stock so they are ready to ship in case you need them. However, the lead times on sold-out parts can take up to 6-8 weeks. Can I come to one of your facility to train with my own formula? Yes, we can, but there are a number of requirements that we must first meet. You should contact our team and provide them with a copy of all your MSDS for all parts of your mix. We need to have a good understanding of your business and the challenges you face. You also need to make an appointment at the office you want to visit. For more information please contact the team: I can get lfa if I have problems making tablets? Yes. Very easy. We have free lifetime technical support for all machines sold by LFA. Just Plain with your machine serial number and we are happy to help you with any problems. Can I order custom tooling? Yes. You here custom tooling order What particle size works on this machine? As with any tablet press, it is good to have a particle size of about 80-60 mesh. This would be large enough to prevent large losses and small enough to flow well through the machine. If the powder is finer than this then you are going to experience a greater level of loss. If the particles are larger than this then it may not flow well through the machine and get caught as it tries to go into the die bore. That said each powder is very different and you have to do trying to work out what is best for them. What technical support and training comes with this machine? There are a number of ways we can support you: each machine comes with a full manual that you should be emailed to after purchase. There is a great range of video tutorials to teach you how to use the press. The machine comes with

lifetime technical support, you call, Skype or email to get answers to your questions and problems. We also offer free training at one of our regional offices. If after all this you still struggle to use your press then we are able to come to you. This is a service we do charge. More information about this can be found here: you set this machine for an X mg tablet weight? Yes, the TDP range all has a weight adjustment for it. It is the bottom of the two gears on the lower drift pin assembly. Here's a link to a video that shows you how to tune the TDP 5: It's important to know that the exact weight of each tablet varies from tablet to tablet. A well-homogenized mix with a consistent grain size should be able to achieve an accuracy of +/- 3% or less. Would it help if we granulated the mix first? There are three reasons to granulate your formula: 1. To improve the flow of your formulation. 2. To better blend your formulation. 3. To ensure a consistent spread of API in the formulation. If you want to know if your mix needs granulation then we have a tablet formulation service available. Learn more about the tablet formulation service here: What should we do if we don't want to use excipients, especially binders? Do I need a license to own this machine? That depends on the country you're in. Not in the EU and the UK. You don't need anything to buy the press. In the US, we have to submit a piece of paperwork to the federal If we sell the press. However, we do all this paperwork for you and don't have to do anything. The only countries that need a permit as far as we know are Canada and Australia. If you in Canada, we recommend that you contact Health Canada before placing your order. Details about the import process can be found on the following link: Importing and registering pilsners (designated devices) The document you need to fill in and submit for a purchase from Australia is called a B712 can be found at: If you would like to speak to one of our team about this, please contact us. How hard is it to make a full rotation on the machine at maximum pressure? This is a difficult question as it is done on personal strength and the pressure is adjustable. When you think about it, it's as difficult as possible before you don't make the rotation anymore. This is the same as a TDP with an engine, the maximum pressure is as much as the engine can exert before the press crashes. Can I use multi-tip tooling in the TDP0? Technically you use multi-tip tooling with the TDP0, but if the maximum diameter size is 10mm, all thrusts would have to fit into this space resulting in very small tablets. They would have to be around 3-4 mm because underneath these they would be too small and above this, they would be too big. On top of this multi-tip tooling is incredibly expensive. It would be worth buying a DTP 25 for this kind of tooling. Do the parts of my TDP 0 fit on a TDP 1.5 or TDP 5? There are a few interchangeable parts as both machines are made by LFA Machines. Of the TDP 0, this includes the tooling, the lower drift pin assembly, and the corresponding set of gears. The main fit to check on is tooling that you have previously purchased because the base plates have been redesigned to fit the universal standard tooling die. More information about the TDP Universal Tooling Standard can be found here: Tooling | Punch & Dies for TDP Pill Presses All other parts are tailored to this press. What are the features of the lower punch gears on the TDP0? How do I set the pressure correctly? These gears are known as gears and are used to tune the press by setting the tablet weight and ejection height. The upper drift pin assembly is used to adjust the pressure. Here you can watch a video about: Setup the Fill Depth, Punch Pressure & Ejection Height on a TDP 5 Tablet Press What are the ideal conditions and powders for the TDP 0? The ideal condition for manufacturing tablets with the TDP 0 is a cool, clean and dry environment. For best results, we recommend using directly compressible or granulated powders. What type of table or surface should I place the TDP 0 on? We recommend a strong and sturdy table that can hold more than 24 kg, because you use the machine on it. It is also useful if you bolts or use a set of clamps to put it in place. Does the machine need to be screwed? Does the TDP 0 come with bolts to repair it to a surface? The TDP 0 does not need to be bolted, but we strongly recommend it. The machine does not come with bolts, but this can be determined based on the thickness of your work surface. To calculate the length of the required bolt, first measure the thickness of your surface and then add 35 mm for the thickness of the TDP 0 base and the wire of the nut and rings. You will then need to order 4 x M6 bolts in the length you have calculated, as well as 4 x M6 nuts and 8 x M6 rings. This is all you need to secure the press safely. What is the maximum tablet diameter on a TDP 0? The maximum tablet diameter possible on a TDP0 is 10mm, but this will vary depending on the properties of your tablet mix. Are all parts of TDP 0 replaceable? If I want to shut down part of TDP 0 for cleaning, is it possible? Yes, the TDP 0 is an extremely simple machine. You will find yourself stripping and cleaning with very little effort. Can we use a larger hopper than the one that comes with the TDP0? Yes, we can, but we don't sell bigger hoppers. Also, since this machine is manual, it may not be useful because of the time it takes to empty a full hopper of powder. Therefore, we recommend to refill your hopper while you are going to prevent particle separation. Since this is a portable machine, what happens if this is dropped when transporting it? Is it the type of machine that breaks easily? It's a very sturdy machine, however, if it arrives in less than perfect condition, please contact us and we'll make sure you get back on track. How long can the TDP0 be used without interruption? The TDP can work as long as the user can rotate the arm on the machine. What are the best cleaning products for the TDP0? How often do I have to clean it? This will depend heavily on the products you print. If you are making food or pharmaceuticals, you are going to need food or pharmaceutical safe cleaners. When cleaning the machine, make sure it is completely dried and oiled to prevent rusting of important parts. More information about cleaning and maintenance for the TDP 0 can be found here: Cleaning Matrix - TDP 0 TDP 0 Lubrication Scheme Do the parts of my TDP 0 fit on a TDP 1.5? Yes, some parts are interchangeable if both machines are made by LFA Machines. The upper drift pin assembly and the lower drift pin assembly fits. The main fit to check on is tooling that you have previously purchased because the base plates have been redesigned to fit the universal standard tooling die. More information about the TDP Universal Tooling Standard can be found here: Tooling | Punch & Dies for TDP Pill Presses Are Parts Interchangeable with the Rest of the Yes. Some of them. There are a number of components that can be changed between different TDP ranges. This includes the tooling, a large part of the upper and lower lower assembly and the trunk and spring. Is there a system that allows customers to check the warranty period of their machines? To determine if your machine is still under warranty, you must call or email the machine's office and provide the serial number. The dies are discolored. Is this corrosion? Yes, this may be due to corrosion or due to oxidation of your product. We strongly recommend that you remove your tools from the press and clean it at the end of each production run. We also recommend polishing the tooling to keep the surfaces clean and less likely to pick or cap. The screw that holds the boot was damaged by the boot set screw. Did this happen because his bolted nut was tightly against the base plate? Yes, this can happen because the boot bolt and spring are screwed too far into the press or are not screwed in far enough. It is important to ensure that the bolt is in the correct position before the set screw is tightened. It should be noted that this effect of the press is not affected if it is damaged. You're still using your press as long as the screws into it.

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