

德州春阳环保材料有限公司

公司简介 Company profile

德州春阳环保材料有限公司是一所专业生产加工纸浆模塑产品的企业，拥有完整、科学的质量管理体系。公司成立于2018年，是生产各类纸浆模塑包装制品的规模企业，致力发展环保包装工业，以先进的设备、科学的生产工艺、优质的纸浆原料开发生产高品质、无污染的纸浆模塑包装制品。经营范围涵盖各类环保纸托、一次性医疗耗材等模塑制品的设计和生 产。产品广泛应用于电子、仪器、仪表、家用电器、医疗器械、机电产品、洗涤化妆品、食品等工业产品包装领域。纸浆模塑制品以其良好的缓冲减震性能，尤其是可回收、易降解、无污染的环保优势成为当今的绿色包装。纸浆模塑包装制品，是您的产品顺应环保潮流，走向国际市场的最佳选择。

Dezhou chunyang environmental materials co., LTD is a professional production and processing of pulp molding products, with a complete and scientific quality management system. Founded in 2018, the company is a large-scale enterprise producing all kinds of moulded pulp packaging products, committed to the development of environmental packaging industry, with advanced equipment, scientific production technology, high-quality pulp raw materials to develop and produce high-quality, pollution-free moulded pulp packaging products. The scope of business covers all kinds of environmental paper holder, disposable medical supplies and other molded products design and production. Products are widely used in electronics, instruments, meters, household appliances, medical devices, mechanical and electrical products, washing cosmetics, food and other industrial products packaging field. Pulp molding products with its good cushioning and damping performance, especially recyclable, easy to degrade, pollution-free environmental advantages become today's green packaging. Pulp molded packaging products, is your products comply with the trend of environmental protection, the best choice to the international market.



企业理念

Enterprise Concept

经营理念：提供最优质的服务，让客户没有后顾之忧。

Business philosophy: to provide the best quality service, so that customers have no worries.

质量理念：用户的满意是检验我们产品的最终标准

Quality philosophy: customer satisfaction is the ultimate standard for testing our products

企业信念：环境与人类共存 盛唐携蓝天同行

Corporate belief: the coexistence of environment and human beings

管理信念：追根究底 止于至善

Management belief: get to the bottom of the matter

社会责任方针：

Social responsibility policy:

向员工、客户及所在社区作出我们对环境、职业健康安全、劳工等社会责任方面的承诺。

Make our commitment to environmental, occupational health and safety, Labour and other aspects of social responsibility to our employees, customers and communities.

为此公司将：

遵循国家和当地的关于环境、职业健康安全、劳工等社会责任方面的法律法规。

建立并保持环境、职业健康安全和社会责任管理体系，确保持续改进。

通过减少排污、回收利用材料以及对能源使用的有效管理来减少对环境的影响。

秉承“以人为本”的理念，提供安全健康的工作环境，维护职工权益，保障和谐的劳动关系。

Comply with national and local laws and regulations on environment, occupational health and safety, labor and other social responsibilities.

Establish and maintain environmental, occupational health and social responsibility management systems to ensure continuous improvement.

Reduce environmental impacts by reducing emissions, recycling materials, and effective management of energy use.

Adhering to the "people-oriented" concept, to provide a safe and healthy working environment, to safeguard the rights and interests of employees, to ensure harmonious labor relations.

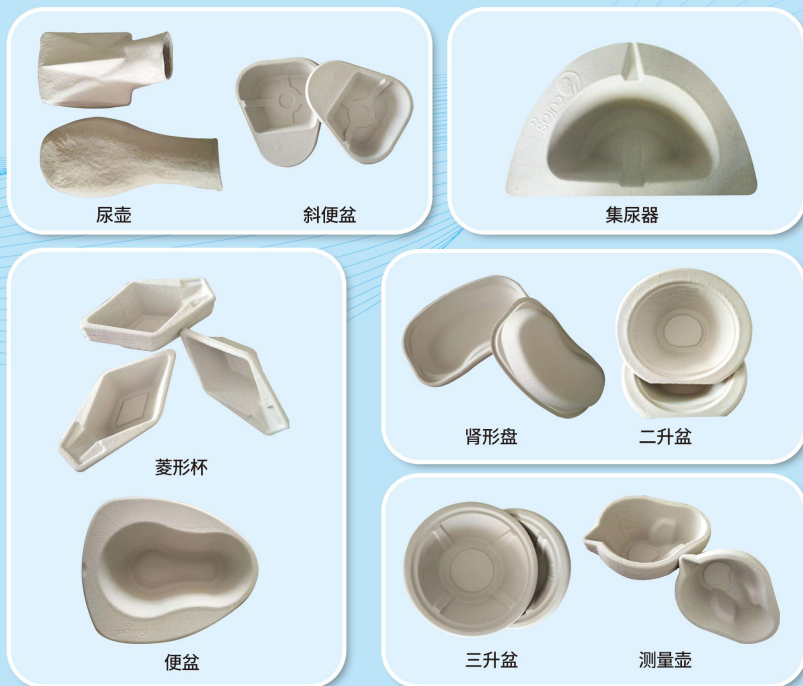
楊帆
YANGFAN
QI HANG
起航



医疗耗材 Medical consumables

功能和实用性：传统医用器具在使用上的最大问题是消毒不彻底，容易形成交叉感染。若改用一次性的纸浆模塑托盘、痰盂、便盆、手术盘、体垫、夹板；如手臂骨折可以用纸塑模型固定，增加皮肤透气性，恢复更快。不仅能免去消毒环节，节省人工，而且其废弃物可直接焚烧，并无毒副作用。

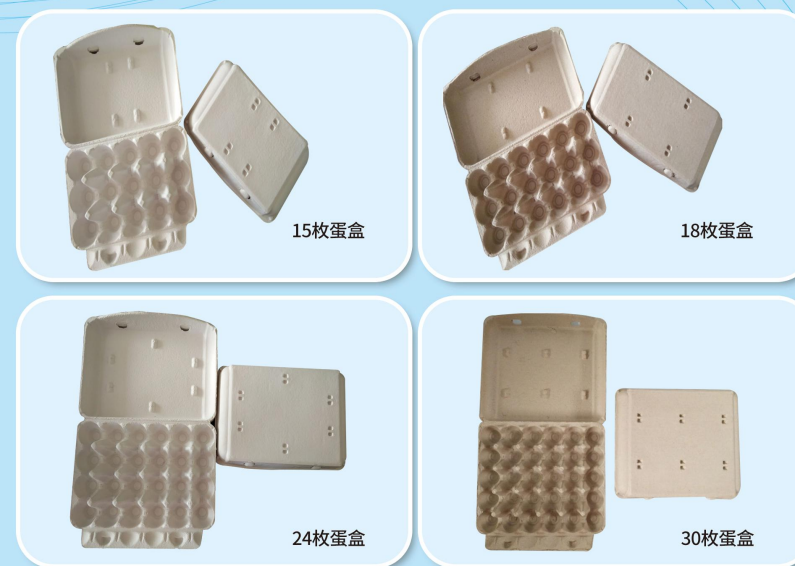
Function and practicality: the biggest problem in the use of traditional medical appliances is incomplete disinfection, easy to form cross infection. if Use disposable pulp molding trays, spittoons, bedpans, surgical plates, body pads, splints: if arm fractures can be paper model Fixed, increased skin permeability, faster recovery. Not only can eliminate disinfection link, save artificial, and its waste can be burned directly



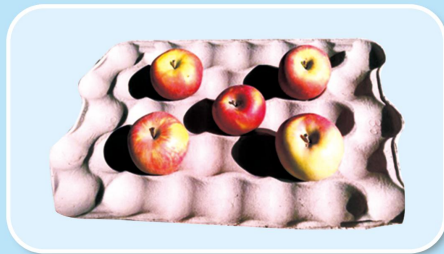
蛋盒、蛋托类 Egg boxes、Egg tray

功能和实用性：鸡蛋在长途运输中，破损是难免的不同的包装，不同的运输方式，破损程度不一样，但如果有蛋托或蛋盒包装，即使是汽车在三级的公路上行驶破损率也不会超过2%，大大保证了蛋类产品的完整性。

Function and practicality: it is difficult to break eggs in long-distance transportation No, different packing, different mode of transportation, damage degree is not.Same, but if there is an egg holder or egg carton package, even if the car is in three.The damage rate will not exceed 2% on grade 1 highways, which is a big guarantee.The completeness of eggs.



■ 果托、果盒类 Fruit holder、Fruit box



功能和实用性：水果用果托或果盒包装后，不但减轻了水果之间的互相挤压、变形、变质、霉变，还使水果增加了色彩，方便消费者选择购买

Function and practicability: fruit is packed in fruit holder or fruit box. After, not only reduced the fruit between each other squeeze, deformation, deterioration, mildew, also make fruit increased color, convenient Consumers choose to buy



■ 咖啡托、酒托、饮料托类(各种玻璃制品、陶瓷制品包装)
Coffee holder, wine holder, beverage holder (all kinds of glass products, ceramic products packaging)



功能和实用性：酒托及饮料托的使用，不但可以减少酒、饮料等在运输过程中的破损、瓶子爆炸伤人更重要的是包装方便，整体效果好，可以使商标完整无皱、不被磨损，大大提高了商品的档次。

Function and practicality: the use of wine and beverage holders, not only can Reduce wine, beverage, etc. in the transport process of breakage, bottle explosion injuries More importantly, convenient packaging, good overall effect, can make the brand complete No wrinkle, no wear and tear, greatly improve the grade of goods.



育苗杯类 Seedling cup



功能和实用性：纸塑育苗杯可直接移栽到大田内，省去育苗移栽时因脱离杯体时导致伤根断根现象，提高育苗成活率，缩短缓苗期，杯体腐烂变成肥料，增加土壤有机质，大大提高育苗栽培的增产效果。

Function and practicability: the paper-plastic seedling growing cup can be directly transplanted into the field, eliminating the phenomenon of root injury and root breakage caused by disconnection from the cup body during seedling growing, improving the survival rate of seedling growing, shortening the period of delayed seedling growing, decaying the cup body into fertilizer, increasing soil organic matter, and greatly improving the yield increasing effect of seedling growing.

工业包装类 Industrial packaging



功能和实用性：纸浆模塑隔垫(托盘)制作简单，成型后整齐划一，便于包装，且缓冲减震能力、可塑性强，可防潮防静电，加上特殊助剂还可防浅层辐射，使用中安全系数高。

Function and practicability: the paper pulp moulded spacer (pallet) is simple to make, neat and uniform after forming, convenient for packaging, and the ability of cushioning and damping, strong plasticity, moisture-proof and anti-static, plus special additives can also prevent shallow layer radiation, high safety factor in use.



■ 餐具类 Tableware

功能和实用性：纸质快餐盒是以食品包装用原纸或纸浆为主要原料经冲压或模塑等工艺制成的一次性快餐容器，结构简单、生产容易，具有良好的防水、防油、耐温、不渗漏的特点，用后可回收再做纸浆；如散失自然界，遇水等可自然降解的特点，因此它不会给环境造成污染，是真正意义上的可降解。



Function and practicability: paper fast food box is a disposable fast food container made by stamping or molding technology with the raw paper or pulp as the main raw material for food packaging. It is simple in structure and easy in production. Such as the nature, in the event of water and other characteristics of natural degradation, so it will not cause pollution to the environment, is a real sense of degradation.



■ 其他领域 Other field



如儿童玩具、戏剧道具、人体模特、工艺品的底坯，隔音材料，办公产品，家庭用品等等也可采用纸浆纸模塑制品，不久前，还有刊物报道国外已开始开发生产纸浆模塑家具和纸浆模塑(机械)零部件。

Such as children's toys, drama props, human models, crafts billet, sound insulation materials, office products, household products and so on can also be used pulp paper molded products, not long ago, there are publications reported that foreign countries have begun to develop and produce pulp molded furniture and pulp molded (mechanical) parts.



■ 整形设备 Moulding equipment

热压整形机以电加热发热板使纸浆制品模具具有较高的温度（180~250℃），利用气压，在高温、高压下压制纸托制品，是产品达到定型效果并具有良好的防震性能外观整齐美观。

The hot press shaping machine USES electric heating and heating plate to make the pulp products mold has a higher temperature (180~250℃), using air pressure, under high temperature, high pressure to press the paper products, is the product to achieve the shaping effect and has a good shockproof performance appearance neat and beautiful.



■ 烘干设备 Drying equipment



吊栏烘干线 Suspension bar drying line

本公司的干燥工艺利用燃气为热源，加热空气，将成型后的纸浆模塑制品在热空气（180~220℃）中烘干，利用风机抽出制品蒸发出的水份，达到快速干燥的效果。

The drying process of the company USES gas as a heat source to heat the air. The molded pulp products are dried in hot air (180~220℃), and the evaporated water is extracted by the fan to achieve rapid drying.

■ 碎浆设备 Pulper equipment

水力碎浆机是制浆系统的主要设备，将纸浆模塑制品的原料利用水力作用搅碎分解，混合于水中，从而形成符合纸浆模塑制品成型需要的浆料。

Hydraulic pulping machine is the main equipment of pulping system, the raw material of pulp molding products using hydraulic action to crush and decompose, mixed in water, thus forming as long as pulp molding products.



■ 双面翻转式

- 1、双翻转机有两个下模，可缩短产品的生产周期；
 - 2、翻转吸浆成型，可以生产内外任一表面光洁的产品；
 - 3、液压定位系统，设备运行精确，稳定，成品合格率高。
1. Double turning machine has two lower dies, which can shorten the production cycle of products;
 2. By turning the suction molding, it can produce products with smooth and clean surfaces inside and outside;
 3. Hydraulic positioning system, accurate and stable operation of equipment, high qualified rate of finished products.



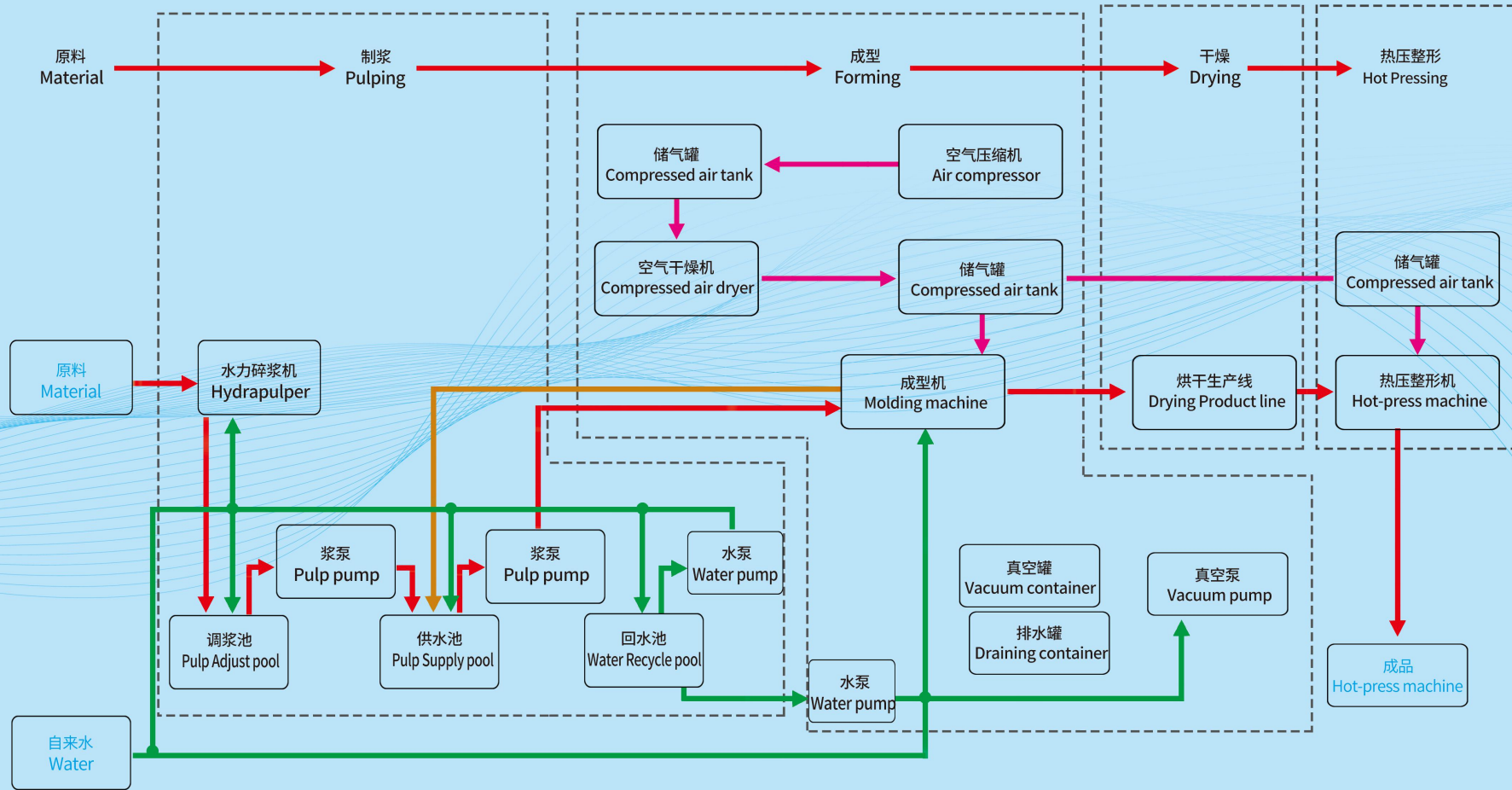
■ 调浆设备 Pulping mixing equipment

调浆工序可根据所需生产产品的特性，适当控制纤维长度及纸浆浓度，以满足制品需求。在纸浆中加入特殊的助剂，可使产品具有防水、防油等功能。加入适当颜料，可使产品具备各种颜色。

The pulping process can be based on the characteristics of the required products, appropriate control of fiber length and pulp concentration, to meet the product requirements. Adding special additives to the pulp can make the product waterproof, oil - proof and other functions. Add appropriate pigment, can make the product with a



生产流程图 Production flow chart



生产车间 Production workshop



厂区及仓库 Plant and warehouse



纸浆模塑制品介绍

Introduction of molded pulp products



A、什么是纸浆模塑制品

纸浆模塑制品是以一定浓度的纸浆，在成型机内用模具通过真空吸附使纸浆纤维均匀分布在模具表面，从而形成具有拟定几何形状与尺寸的湿纸模胚，经过进一步脱水脱模，干燥整形而成的制品。

B、纸浆模塑制品的优点

环保性：纸浆模塑制品从原料、生产工艺到废弃物的处理方式都是充满了绿色的。原料为纸纤维，并且绝大多数的产品用的都是废旧纸，废物利用能够减少资源消耗和对环境的污染，还可以降低成本。

产品性能：产品强度高，缓冲性、保护性、互换性和装簧性能好；透气性好，对生鲜产品包装有独特好处；纸浆模塑制品具有良好的吸水性、疏水性和隔热性，生产过程中若加入特殊助剂，有具有防水、防油、耐高温等特殊性能。纸浆模塑制品的可塑性非常强，可以根据包装商品的性质、档次，加工不同的厚度、强度、白度、精度的制品可以大大节省包装成本，提高经济效益。

重复利用性：纸浆模塑制品包装商品后废弃物在处理方式很有它的灵活性：一是回收再利用造纸或为纸浆模塑制品原料。二是可自然降解为肥料，增加土壤有机质。

A. what are molded pulp products

Pulp molding product is a certain concentration of pulp, in the forming machine with a mold through vacuum adsorption pulp fiber evenly distributed on the surface of the mold, so as to form a geometric shape and size of the wet paper mold embryo, after further dehydration demold, dry plastic products.

B. advantages of molded pulp products

Environmental protection: molded pulp products from raw materials, production processes to waste disposal is full of green. The raw material is paper fiber, and most of the products are used waste paper, waste utilization can reduce resource consumption and environmental pollution, but also can reduce the cost.

Product performance: strong product strength, good cushioning, protection, interchangeability and spring loading performance; Good air permeability, fresh product packaging has a unique advantage; Pulp molding products have good water absorption, hydrophobicity and insulation, if the production process to add special additives, have waterproof, oil, high temperature resistance and other special properties. Pulp molding products plasticity is very strong, according to the nature of packaging commodities, grades, processing different thickness, strength, whiteness, precision products, can greatly save the cost of packaging, improve economic benefits.

Reuse: pulp molded products packaged goods waste in the treatment of its flexibility: first, recycling paper or pulp molded products raw materials. Second, it can be naturally degraded into fertilizer to increase soil



诚信为本 创新为魂

德州春阳环保材料有限公司以其先进的技术，卓越的品质和一流的服务赢得了国内外企业广泛的青睐与支持。公司的诚信、实力和产品质量获得业界的认可，欢迎各界朋友莅临参观、指导和业务洽谈。

With its advanced technology, excellent quality and first-class service, dezhou chunyang environmental protection material co., LTD has won extensive favor and support from domestic and foreign enterprises. The company's integrity, strength and product quality have been recognized by the industry, welcome friends from all walks of life to visit, guidance and business negotiations.