OLYMSPAN®

江苏奥琳斯邦装备科技股份有限公司
Jiangsu Olymspan Equipment Technology Co.,Ltd
江苏奥琳斯邦复合材料有限公司
Jiangsu Olymspan Composite Materials Co., Ltd

企业简介/Company Profile

江苏奥琳斯邦装备科技股份有限公司（以下简称“奥琳斯邦”）坐落于中国常州，是一家专注于压力容器及复材制品等研发设计及生产销售的高新技术企业。公司核心业务涵盖化工容器、快开门压力容器、热压罐、蒸压釜节能系统与碳纤维制品等，产品远销全球90余国家及地区，服务1500余个行业标杆企业。

OLYMSPAN is located in Changzhou, China. It is a high-tech enterprise specializing in the research, design, production, and sales of pressure vessels and composite products. The company's core business covers chemical pressure vessels, quick-opening pressure vessels, Autoclaves and carbon fiber products. Its products are exported to more than 90 countries and regions worldwide, serving over 1,500 industry benchmark enterprises.

部分合作伙伴/Partial partners



企业部分资质及专利证书
Partial qualifications and patent certificates of enterprises



美国ASME U钢印
ASME U Certified



欧盟CE认证
CE Certified



俄联邦EAC证书
EAC Certified



汽车生产件质量体系
IATF 16949



ISO三体系
ISO9001/IS014001/IS045001



知识产权管理体系
Intellectual Property Management System



发明及实用新型专利
Patent for invention and utility model



软件著作权
Software Copyright Certified



省高品
Provincial High-tech Products



市高品
High-tech urban products



省民科
Provincial Private Technology Company



高新技术企业
High-tech Company

非标容器

Non Standard Pressure Vessels





换热容器：实现物料间热量交换，回收余热、控制反应温度，提升能源利用效率，是节能降耗的关键设备。
Heat exchanger: It facilitates heat exchange between materials, recovers waste heat, controls reaction temperature, and enhances energy utilization efficiency, making it a key device for energy conservation and consumption reduction.





分离容器：完成气液、液液或固液分离，提纯产品、净化介质，保障工艺纯度要求，包括塔器、过滤器等多种类型。
Separation pressure vessel: It is used to complete gas-liquid, liquid-liquid, or solid-liquid separation, purify products and media, and ensure process purity requirements. It includes various types such as towers and filters.





反应容器：为化学反应提供受控环境，配备搅拌、加热/冷却系统，确保反应高效安全进行，广泛应用于聚合、合成等工艺。
Separation pressure vessel: Provides a controlled environment for chemical reactions, equipped with stirring and heating/cooling systems to ensure efficient and safe reaction processes. It is widely used in polymerization, synthesis, and other processes.





储存容器：安全储存各类原料及成品，配备压力、温度监控及安全附件，确保物料长期稳定存储与运输安全。
Storage pressure vessel: Safely store various raw materials and finished products, equipped with pressure and temperature monitoring as well as safety accessories, ensuring long-term stable storage and safe transportation of materials.

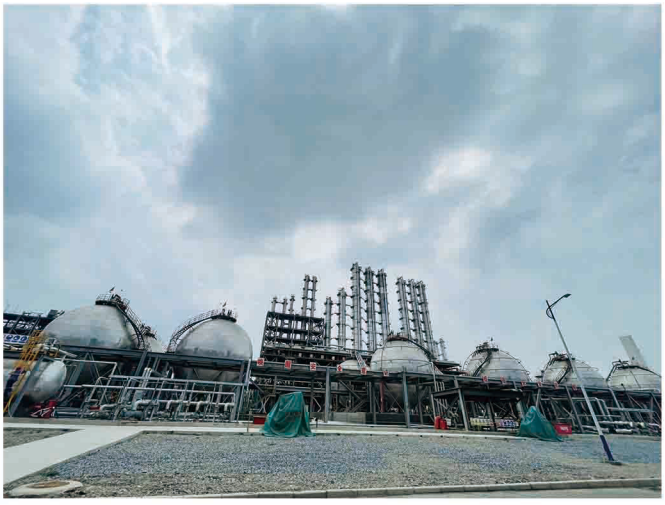
OLYMSPAN®

成品类化工容器 Systemic chemical pressure vessel













快开门压力容器

Quick-opening pressure vessel

快开门压力容器是一种能够快速装卸物料或人员的承压设备，其端盖或封头通过齿啮合、卡箍、螺栓等机械装置实现快速启闭，启闭时间明显短于传统螺栓连接结构。主要应用于频繁开关的生产工艺，如复材固化、食品灭菌、橡胶硫化、玻璃固化等。属于特种设备监管范畴。奥琳斯邦在快开门压力容器领域深耕多年，是齿啮式快开门釜罐类细分领域的隐形冠军企业。

A quick opening pressure vessel is a type of pressure equipment that can quickly load and unload materials or personnel. Its end cap or head is quickly opened and closed through mechanical devices such as tooth engagement, clamps, bolts, etc., and the opening and closing time is significantly shorter than traditional bolt connection structures. Mainly used in the production process of frequent switching, such as composite curing, food sterilization, rubber vulcanization, glass curing, etc. Belonging to the scope of special equipment supervision.

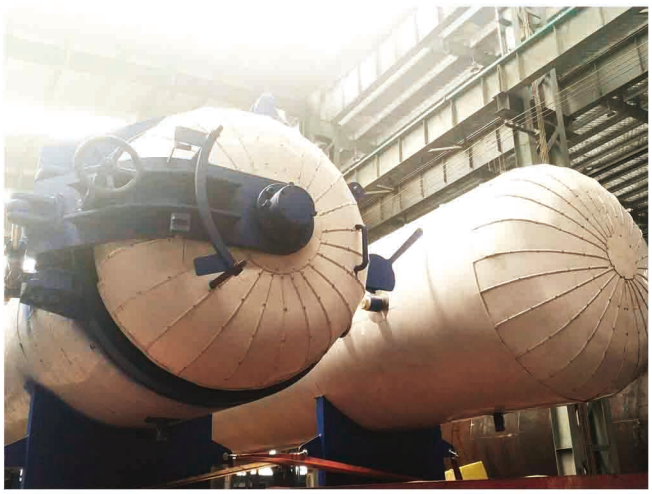
OLYMSPAN has been deeply involved in the field of fast opening pressure vessels for many years and is an Autoclave hidden champion enterprise.



热压罐：用于复材制品成型
Composite autoclave:
used for molding composite products



蒸压釜：用于加气制品蒸养
AAC Autoclave: Used for steam curing of autoclaved aerated concrete products



硫化罐：用于橡胶硫化
Vulcanization autoclave:
used for rubber vulcanization



管桩釜：用于管桩制品蒸养
PHC autoclave: used for Pre-stressed High-strength Concret product steaming and curing



木材釜：用于木材浸渍防腐等
Wood Autoclave: Used for impregnation and anti-corrosion of wood, etc



玻璃釜：用于玻璃深加工
Glass Autoclave:
Used for deep processing of glass



真空炉：用于石墨制品淬火冷却
Vacuum furnace:
used for quenching and cooling graphite products



浸渍罐：用于石墨浸渍
Immersion Autoclave:
Used for impregnating graphite products



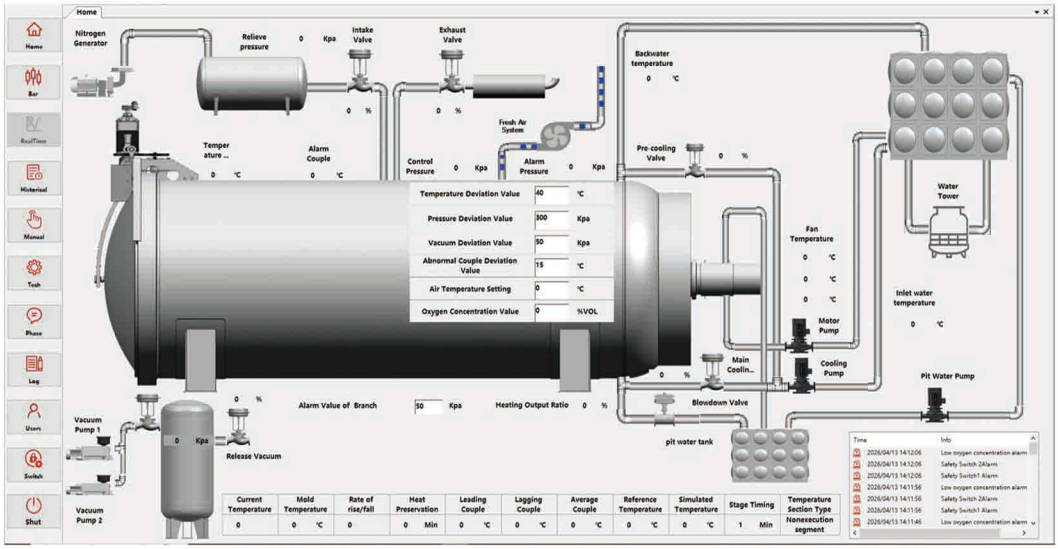
热闷罐：用于钢渣冷却裂解
Cracking autoclave: used for cooling and cracking steel slag

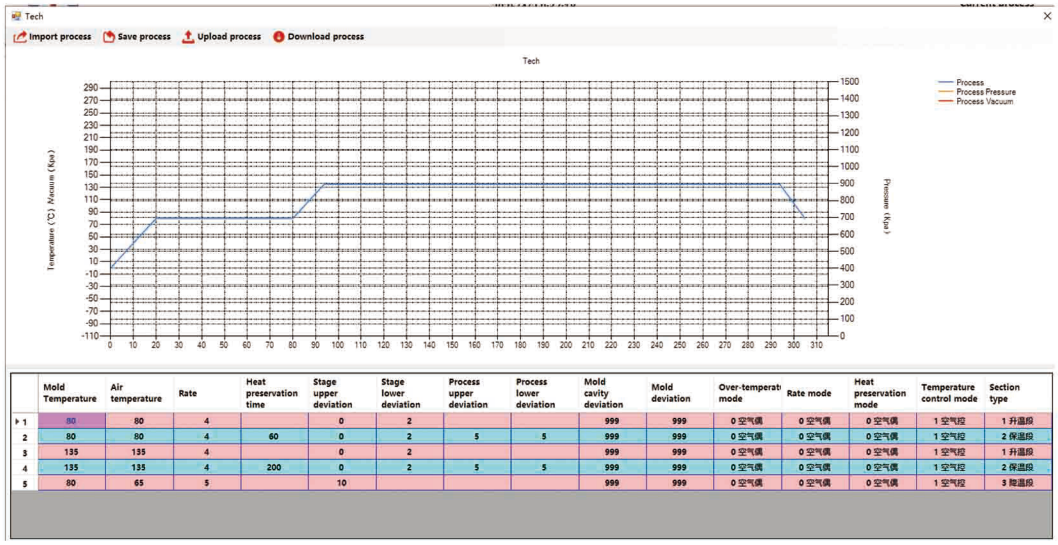
其他快开门容器：定制改性工艺

Other fast opening container autoclaves: customized modified process

热压罐系统

Composite Autoclave-system





	Mold Temperature	Air temperature	Rate	Heat preservation time	Stage upper deviation	Stage lower deviation	Process upper deviation	Process lower deviation	Mold cavity deviation	Mold deviation	Over-temperati mode	Rate mode	Heat preservation mode	Temperature control mode	Section type
1	80	80	4		0	2			999	999	0 空气偶	0 空气偶	0 空气偶	1 空气控	1 升温段
2	80	80	4	60	0	2	5	5	999	999	0 空气偶	0 空气偶	0 空气偶	1 空气控	2 保温段
3	135	135	4		0	2			999	999	0 空气偶	0 空气偶	0 空气偶	1 空气控	1 升温段
4	135	135	4	200	0	2	5	5	999	999	0 空气偶	0 空气偶	0 空气偶	1 空气控	2 保温段
5	80	65	5		10				999	999	0 空气偶	0 空气偶	0 空气偶	1 空气控	3 降温段

加热系统：电加热、导热油、蒸汽加热
Heating system: electric heating, heat transfer oil, steam heating

冷却系统：冷却塔、水冷机（选配）
Cooling system: cooling tower, water chiller(optional)

加压系统：空压机/制氮机/增压机、储罐（选配）
Pressurization system: air compressor/nitrogen generator/booster, storage tank (optional)

鼓风系统：风机、风道
Air blast system: fan, air duct

真空系统：真空管路、缓冲罐、真空泵
Vacuum system: vacuum pipeline, buffer tank, vacuum pump

装载系统：小车、平台、牵引、过桥
Loading system: trolley, platform, traction, bridge

阀门仪表：调节阀、过程仪表、传感器
Valve instruments: regulating valves, process instruments, sensors

控制系统：PLC、触摸屏、记录仪
Control system: PLC, touch screen, recorder

产品系列 Product series



快速成型台
Rapid prototyping table



热压罐
Autoclave-RYG1.2（220）-1.0×1.5



热压罐
Autoclave-RYG1.2（220）-1.5×3



热压罐
Autoclave-RYG1.2（220）-2.0×4



热压罐
Autoclave-RYG1.2（220）-2.2x12



热压罐
Autoclave-RYG1.2（220）-2.5×6



热压罐
Autoclave-RYG1.2（220）-3.0×8



热压罐
Autoclave-RYG1.2（250）-3.5×6



热压罐
Autoclave-RYG1.2（250）-5.0×10



热压罐
Autoclave-RYG1.2（250）-5.5×12



热压罐管路系统：
黄色气路，蓝色水路、绿色真空
Autoclave piping system yellow - gas circuit, blue -waterway, green - vacuum



热压罐控制阀组：进气、排气、真空、冷却
Autoclave controlling valve group: intake,exhaust,vacuum,cooling

蒸压釜及节能系统

Autoclave and energy-saving system

蒸压釜主要性能参数表

Main Performance Parameters Table of Autoclave

序号 NO.	名 称 Name	单位 Unit	型号规格和参数 Type,specification & parameter							
			Φ1.65×L	Φ2.0×L	Φ2.5×L	Φ2.68×L	Φ2.85×L	Φ3.0×L	Φ3.2×L	Φ3.5×L
1	釜体内径 Internal diameter of autoclave body	m	Φ1.65	Φ2	Φ2.5	Φ2.68	Φ2.85	Φ3	Φ3.2	Φ3.5
2	有效长度 Effective length	m	L:根据用户要求 according to users' requirements							
3	设计压力 Design pressure	Mpa	1.6							
4	设计温度 Design temperatur	℃	204							
5	工作压力 Working pressure	Mpa	1.5							
6	工作温度 Working temperature	℃	201							
7	筒体板厚 Plate thickness of shell	mm	14	16	20	20/26	20/26	20/26	22/26	22/26
8	主要材质 Main material		Q345R-GB713,16MnⅡ-NB/T47008,20-GB/T8163,20-GB9948							
9	结构型式 Structure type		贯通式或尽端式 Through-type or dead-end type							
10	工作介质 Working medium		饱和蒸汽及冷凝水 Saturated steam and condensated water							
11	釜内轨距 Internal rail gauge	mm	600×200（12KG）	600×150（12KG）	800×200（15KG）	800×250（24KG）	1220×320（38KG）			
12	开门方式 Open mode		手动，电动，液压，气动上开门或侧开门 Manual, electric, hydraulic , pneumatic swing-up door or side-opening door							
13	排污排水 Discharge and Drainage		手动、自动 Manual, Automatic							
14	外形尺寸 (长/W×宽/B×高/H) External dimension W×B×H	m	L+1.3×2.3×2.81	L+1.8×2.6×3.34	L+1.8×3.1×4.0	L+1.9×3.4×4.3	L+2.0×3.55×4.5	L+2.1×3.7×4.63	L+2.2×3.9×5.03	L+2.7×4.1×5.5
15	运输尺寸 (长/W×宽/b×高/h) Transport dimension W×b×h	m	L+1.3×2.2×2.1	L+1.8×2.5×2.5	L+1.8×3.0×2.9	L+1.9×3.3×3.3	L+2.0×3.45×3.45	L+2.1×3.6×3.6	L+2.2×3.8×3.8	L+2.7×4.0×4.1

其他规格可根据客户具体需求定制

Other specifications can be customized according to specific customer needs

OLYMSPAN®






蒸压釜
Product series

蒸压釜节能系统 / Autoclave energy-saving system















碳纤维复材制品

Carbon Fiber Composite Fabricated Parts

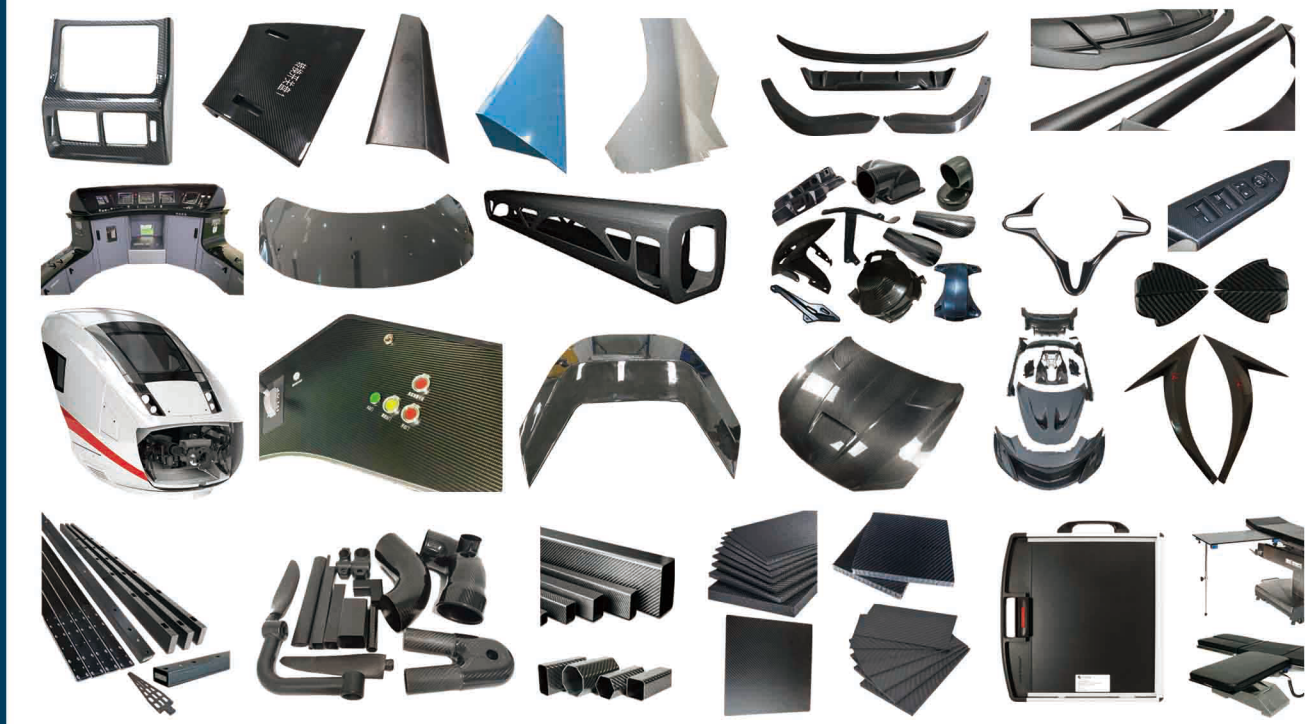
复合材料应用 Application of composite materials

行业 industry	部件/类 Part/Class	应用案例 Application Cases
轨道交通 Rail transit		车体、车顶、隔板、地板、座椅/座椅骨架、 整流罩、转向结构件、司机台、车头防撞系列、车窗、支柱、通风管道、电器箱、引电杆、风档、闸片 car body, roof, partition, floor, seat/seat frame, cowl, steering structure, driver's desk, head anti-collision series, window, strut, ventilation duct, electrical box, lead rod, wind damper and brake pad
汽车部件 New energy automobile parts	装饰件 Decorative parts	车内饰板、轮圈饰板、后视镜外壳、 、轮眉、侧裙、前/后扰流、发动机盖版、排档杆、灯罩、车牌框、灯眉、迎宾踏板、油箱盖板 Interior panel, wheel rim trim, rearview mirror housing, wheel arches, side skirts, front/rear spoiler, engine hood, gear lever, lampshade, license plate frame, lamp arches, welcome pedal, fuel tank cover
	功能件 Functional Parts	扩散器、扰流板、前唇、后扰流、保险杠、底盘壳、 电池壳体、轮圈、进气口、空滤盒、进气岐管、叶子板 Diffuser, spoiler, front lip, rear spoiler, bumper, chassis shell, battery shell, wheels, air intake, air filter box, intake manifold, fender
	结构件 Structural member(s)	全车系、侧围、机盖、车门、尾厢、底盘、防撞梁、传动轴、氢气瓶、A/B/C立柱、转向轴、板簧、齿轮箱、弹簧、座椅 Vehicle series, side panel, hood, door, tailcar, chassis, anti-collision beam, transmission shaft, hydrogen cylinder, A/B/C column, steering shaft, plate spring, gearbox, spring, seat
航空航天 Aviation and Aerospace	eVTOL 直升机 helicopter 无人机 unmanned aerial vehicle 飞行器 aerocraft 火箭 rocket 卫星 satellite 航天器 spacecraft 太空望远镜 Space telescope (STT)	减速板，尾翼，机翼，横梁，方向舵，副翼，襟翼扰流板，桁梁，升降舱，地板梁，密封隔板等；整流罩、火箭壳体、卫星主体结构承力件、翼展框架、天线、太阳能电池板、机械臂、航天器舱门、压力容器、无人机桁架、翼尖，火箭隔热瓦，固面天线反射器、接收器，望远镜结构件，卫星翼展框架、航天舱、升降舱整体盒段、高墙加筋壁板、碳纤维弯梁等 Speed brake, tail fin, wing, cross beam, rudder, aileron, flap spoiler, girder, elevator, floor beam, sealing partition, etc； Fairing, rocket shell, satellite main structure bearing parts, wing span frame, antenna, solar cell panel, mechanical arm, spacecraft cabin door, pressure vessel, Drone truss, wingtip, rocket insulation tile, fixed antenna reflector, receiver, telescope structural components, satellite wingspan frame, spacecraft cabin, elevator cabin integral box section, high wall reinforced wall panel, carbon fiber bending beam, etc
机械部件 Mechanical parts		机器人手臂、机台外壳、配电箱、调整片、各式箱体、各式机台轨道、缆线 Robot arm, machine stand shell, distribution box, adjustment piece, various boxes, various machine stand tracks and cables
医疗器械 Medical Devices		医用防护板、手术手柄、器械工具、担架、急救转运板、放射治疗定位板、骨科牵引架、器械臂、固定支架等 Medical protective plate, surgical handle, instrument and tool, stretcher, first-aid transfer plate, radiotherapy positioning plate, orthopedic traction frame, instrument arm, fixed support, etc



OLYMSPAN®

陆 High-speed railway, rail transit, new energy, motion equipment parts, etc



海
Ship, diving, deep sea equipment parts, etc



空
Aviation, aircraft, UAV, aircraft components, etc



天
Aerospace, rockets, satellites, missiles, space telescope components, etc





OLYMSPAN®

江苏奥琳斯邦装备科技股份有限公司
Jiangsu Olymspan Equipment Technology Co.,Ltd

联系方式（Mobile）： +86-18168813582
服务热线（Hotline）： 0519-88788538
0519-88783728
传　　真（Fax）　　： 0519-88722330
电子邮箱（mail box）：info@olymspan.com
地　　址（Address）：No. 29, Changhong East Road, Henglin Town, Changzhou City, Jiangsu Province
邮　　编（Post code）：213101

Website

Tik Tok