LANDPACK
揽德包装机械

PACKING MACHINE
CATALOG｜画册

佛山市揽德包装机械有限公司
FOSHAN LAND PACKAGING MACHINERY CO.,LTD

ISO　CE　SGS　RoHS

About LandPack | 关于揽德

Foshan Land Packaging Machinery Co., Ltd. is located in Foshan, Guangdong Province, within a one-hour drive from Guangzhou Airport and just 20 minutes from Foshan High-Speed Railway Station. Established in 2017, the company is a high-tech enterprise integrating R&D, manufacturing, sales, and service. With a modern factory covering 30,000 square meters, Landpack is equipped with a team of senior engineers, installation and commissioning technicians, and marketing & after-sales service professionals. With over 130 employees, we provide customers with professional products and reliable service support.

Since its establishment, Landpack has been dedicated to the R&D and manufacturing of vertical form fill seal machines, filling machines, premade pouch packaging machines, multi lane packaging machines, flow pack machines, and feeding and packaging lines. Our products are widely applied in industries such as snacks food and health supplements, pet food, daily chemical products, fresh produce, sauces, and powders, offering customized and complete packaging solutions for enterprises.

Our products have obtained lots of national patent certificates, ISO9001 Quality Management System certification, as well as CE, TUV, SGS, and FDA approvals. They are exported to more than 100 countries and regions worldwide, receiving wide recognition and praise from customers.

At Landpack, we are committed to continuously refining and optimizing our products to deliver intelligent packaging equipment that is efficient, stable, safe, and beautiful packaging—striving to go beyond expectations and make the world a better place with Landpack Packaging.

佛山市揽德包装机械有限公司坐落于广东省佛山市，位于广州机场一小时，佛山动车站二十分钟交通圈。公司成立于2017年，是一家集拥研发、制造、销售及服务于一体的高新技术企业，配备三万平米现代化厂房，拥有骨干工程师，安装调试技术员团队和营销与售后技术服务团队，员工规模达130人，为客户提供专业的产品和优质的服务保障。

我司自成立以来，专注于研发和制造立式包装机，灌装机，给袋式包装机，多列机和枕式机、理料线包装设备，产品广泛用于休闲零食食品、食品保健品，宠物食品，日用化工用品，果蔬生鲜，酱料和粉剂等行业，致力为企业客户定制和提供整体包装解决方案。

产品已获多个国家技术专利证书,并通过ISO9001质量管理体系认证,获欧盟CE,TUV,SGS,FDA认证。产品远销海外一百多个国家和地区，受到企业客户广泛好评和认可。

揽德人将持续深耕和优化产品，为客户提供高效，稳定，安全，包装美观的智能包装设备，并力求超越，让世界因揽德包装而更美好。

CE 认证

ISO 认证

SGS 认证

RoHS认证

专利证书

Automatic Bottle Filling Line with Box Cartoning Palletizing Robot Packing System
全自动灌装线配置机械手码垛包装系统

选配/Optional

液体/Liquid

颗粒/Granule

粉末/Powder

参数/Parameter

包装机型号(Type)	
LFYT-CLB-4 / LFYT-CLB-6 / LFYT-CLB-8 / LFYT-CLB-10	
灌装范围（Filling range)	
50-1000ml (customize)	
灌装速度（Speed)	
16-24 bmp; 24-36 bmp; 32-48 bmp; 40-60 bmp	
计量精确度（Accuracy)	
±0.5～1%	
功 率（Power)	
3.5KW / 5KW / 6.5KW / 8KW	
工作电源（Voltage)	
220V、50Hz	
工作气压（Air pressure)	
0.6-0.8MPa	
耗气量（Gas consumption)	
0.09m³/min; 0.11m³/min; 0.13m³/min; 0.15m³/min	

包装机型号(Type)	
LD-10 / LD-14	
计量头数(Weighing head)	
10 / 14	
单次称重范围(Filling range)	
10-1000g / 10-200G	
称量精度(Accuracy)	
±0.5-2g / ±0.3-1.5g	
称量速度(Speed)	
20-30bmp / 25-35 bmp	
料斗容量（Weigher volume)	
1.6L	
瓶子直径（Bottle diameter)	
30-150mm	
瓶子高度（Bottle)	
50-220mm	

包装机型号(Type)	
LFP-01 / LFP-02	
灌装重量(Filling weight)	
10-1000g；100-2000g(定制/customize)	
罐子直径（Bottle diameter)	
φ30-φ153mm(定制/customize)	
罐子高度(Bottle height)	
60-260mm	
产 量(Speed)	
10-20 罐bottle/min; 10-25 罐bottle/min	
灌装精度(Accuracy)	
≤500g(±1%)；>500g(±0.5%)	
料仓容积(Hopper volume)	
50L ,30L	
功 率(Power)	
2.5KW; 4.5KW	

A段

① 皮带进瓶机
Bottler Feeder

② 负离子洗瓶机
Negative Ions Bottle Washing Machine

③ 紫外线杀菌通道
UV Light Sterilizer

④ 6头齿轮泵灌装机
6 Heads Gear Pump Filling Machine

⑤ 液氮加注机
Liquid Nitrogen Filling Machine

⑥ 高速旋盖机
High Speed Capping Machine

⑦ 风冷铝箔封口机
Foil Sealing Machine

⑧ 全自动封罐机
Vacuum Seamer Machine

⑨ 翻转机构
Reverse Furn Mechanism

⑩ 双面贴标机
Double Side Labeling Machine

⑪ 喷码机
Inkjet Printer

B段

① 开箱机
Box Opening and Sealing Machine

② 码垛机器人
Palletizing Robot

③ 重量检测仪
Weight Checker

④ 封箱机
Box Closing and Sealing Machine

⑤ 贴标机
Labeling Machine

⑥ 码垛机器人
Palletizing Robot

CLASSIC ROAST GROUND COFFEE

OVEN ROASTED NEVER FRIED CASHEWS

特点/Characteristic

1 多功能一体化，覆盖完整包装流程：理瓶→清洗→灌装→旋盖→封口→贴标→装箱→码垛，一站式完成。
Multi-functional integration: End-to-end packaging process: Unscrambling →Washing →Filing →Capping →Sealing →Labeling →Case Pacing →Palletizing,oll in one line

2 智能化与可扩展性: 兼容多种包装规格（瓶型、箱型）
Smart&Scalable: Adaptable to various packaging sizes (bottles, boxes)

3 全自动灌装装箱码垛生产线，最大程度自动化，提高生产力
Fully automatic filling, packing and palletizing production line, with maximum automation and improved productivity

4 码垛工业机器人，适用于多种垛型，承重能力高且工作覆盖区域广
Palletizing industrial robot, suitable for various types of pallets, with high load-bearing capacity and wide working area coverage

5 机器由成熟的PLC系统和触摸屏控制，工人可以简单灵活地使用和操控机器
The whole set of machine is controlled by the touch screen and PLC controlling system, so it is very easy for the worker to operate the machine well

6 精准灌装，保障质量。高精度灌装系统，确保每瓶重量/体积一致，误差≤±1%。
Precise Filling,Guaranteed Quality;High-accuracy filling system ensures consistent weight/volume per bottle (tolerance ≤+1%)

Automatic Series Rotary Filling Line with Box Cartoning Palletizing Robot Packing System
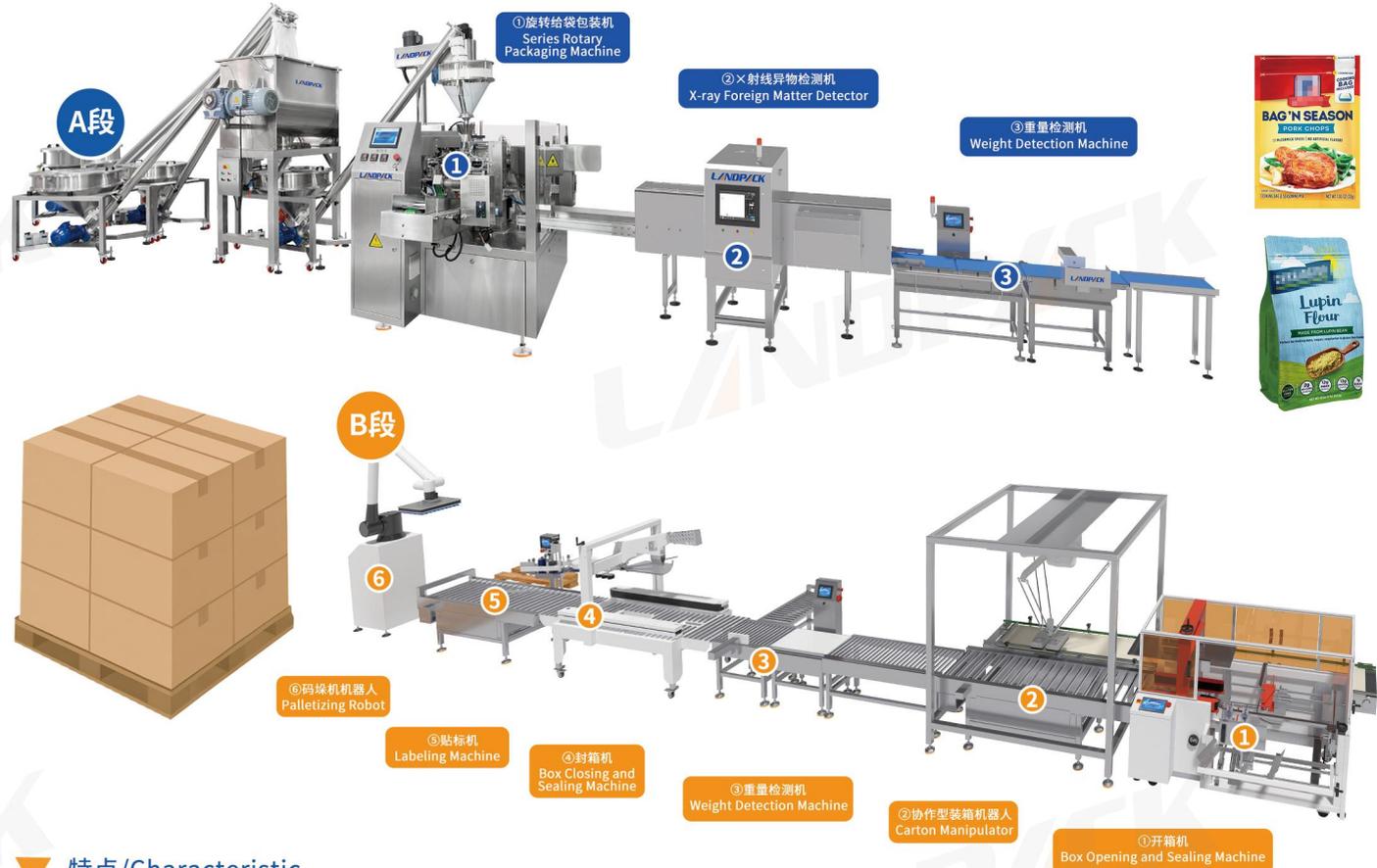## 全自动旋转给袋包装线配置机械手码垛包装系统

选配/Optional

液体/Liquid

颗粒/Granule

粉末/Powder

参数/Parameter

包装机型号(Type)		
LD-8230L / LD-8260L / LD-8300L / LD-8400L		
包装袋型 (Bag Type)		
三边封，四边封袋，自立袋，手提袋、壶口袋、拉链袋、复合袋等 (3-side, 4 side sealing bag, stand-up bag, hand bag, spout bags, zipper bag, compound bag, etc.)		
包装尺寸 (Bag Size)		
W:80-230mm / L:150-380mm W:140-260mm / L:150-380mm W:180-300mm / L:150-430mm W:270-400mm / L:200-500mm		
充填范围 (Filling Range)		
10-1000g; 10-1500g; 10-2000g; 10-3000g		
包装速度 (Packing Speed)		
20~60bag/min; 20~40bag/min; 10~40bag/min; 10~25bag/min		
计量方式(Filing Method)		
1.活塞泵 / Piston pump; 2.蠕动泵 / Peristaltic pump		

包装机型号(Type)		
LD-8230L / LD-8260L / LD-8300L / LD-8400L		
包装袋型 (Bag Type)		
三边封，四边封袋，自立袋，手提袋、壶口袋、拉链袋、复合袋等 (3-side, 4 side sealing bag, stand-up bag, hand bag, spout bags, zipper bag, compound bag, etc.)		
包装尺寸 (Bag Size)		
W:80-230mm / L:150-380mm W:140-260mm / L:150-380mm W:180-300mm / L:150-430mm W:270-400mm / L:200-500mm		
充填范围 (Filling Range)		
10-1000g; 10-1500g; 10-2000g; 10-3000g		
包装速度 (Packing Speed)		
20~60bag/min; 20~40bag/min; 10~40bag/min; 10~25bag/min		
计量方式(Filing Method)		
多头组合秤/Multihead electric weigher		

包装机型号(Type)		
LD-8230L / LD-8260L / LD-8300L / LD-8400L		
包装袋型 (Bag Type)		
三边封，四边封袋，自立袋，手提袋、壶口袋、拉链袋、复合袋等 (3-side, 4 side sealing bag, stand-up bag, hand bag, spout bags, zipper bag, compound bag, etc.)		
包装尺寸 (Bag Size)		
W:80-230mm / L:150-380mm W:140-260mm / L:150-380mm W:180-300mm / L:150-430mm W:270-400mm / L:200-500mm		
充填范围 (Filling Range)		
10-1000g; 10-1500g; 10-2000g; 10-3000g		
包装速度 (Packing Speed)		
20~60bag/min; 20~40bag/min; 10~40bag/min; 10~25bag/min		
计量方式(Filing Method)		
螺杆 / Auger screw		

A段

①旋转给袋包装机 Series Rotary Packaging Machine

②X射线异物检测机 X-ray Foreign Matter Detector

③重量检测机 Weight Detection Machine

BAG'N SEASON PORK CHOPS

Lupin Flour

B段

⑥码垛机器人 Palletizing Robot

⑤贴标机 Labeling Machine

④封箱机 Box Closing and Sealing Machine

③重量检测机 Weight Detection Machine

②协作型装箱机器人 Carton Manipulator

①开箱机 Box Opening and Sealing Machine

特点/Characteristic

1 机器的包装范围广泛，可包装液体、酱体、颗粒、粉剂、固体各种可装袋物料，只需根据不同的计量装置即可
Machine have wide packaging range , it can packaging : liquid, paste, granule, powder, solid various bagging materials only. According to the different material with different metering device

2 快速更换包装袋的规格，带宽大小一键自动调节
Rapid change of the specifications of the bag, bag width can be automatically adjusted by one button

3 先进的设计理念，降低了包材耗损，保证了设备运行的稳定性，延长了设备的运行寿命
Modular heating, temperature control more accurate, heating fault have alarm prompt

4 码垛工业机器人，适用于多种垛型，承重能力高且工作覆盖区域广
Palletizing industrial robot, suitable for various types of pallets, with high load-bearing capacity and wide working area coverage

5 机器由成熟的PLC系统和触摸屏控制，工人可以简单灵活地使用和操控机器
The whole set of machine is controlled by the touch screen and PLC controlling system, so it is very easy for the worker to operate the machine well

6 精准灌装，保障质量。高精度灌装系统，确保每瓶重量/体积一致，误差≤±1%。
Precise Filling,Guaranteed Quality;High-accuracy filling system ensures consistent weight/volume per bottle (tolerance ≤+1%)

Automatic Pillow Bag Sachet Filling Line with Box Cartoning Palletizing Robot Packing System
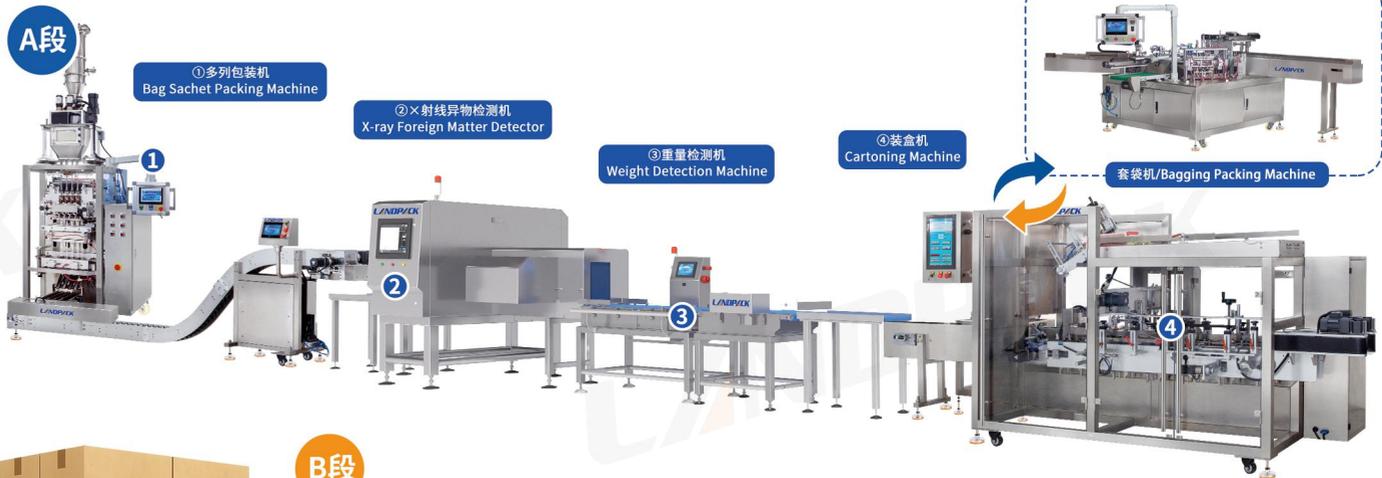# 全自动多列包装线配置机械手码垛包装系统

选配/Optional

液体/Liquid

参数/Parameter

包装机型号 (Type)		
LDSF-480L / LDSF-720L / LDSF-960L		
列数(Track Number)		
4~6列(Track); 4~10列(Track); 4~12列(Track)		
计量方式(Filing Method)		
1.活塞泵 / Piston pump; 2.蠕动泵 / Peristaltic pump		
包装速度(Charity)		
每分钟最大40切; Max.40 cycle/min		
制袋尺寸(Bag Size)		
L:45-120mm / W:38-60mm; 38-90mm; 38-120mm		
膜宽膜厚(Fim W&D)		
Max.480mm; Max.720mm; Max.960mm / 0.07-0.1mm		
封口形式(Sealing Type)		
四边封 / Four sides sealing; 背封Backsealing/Stick bag		
功率(Power)		
2.8kw; 4.1kw; 5.5kw		

颗粒/Granule

包装机型 号 (Type)	
LDSF-280G / LDSF-560G	
列数(Track Number)	
4~6列(Track); 4~12列(Track)	
计量方式(Filing Method)	
量杯 / Volumetric cup	
包装速度(Charity)	
每分钟最大35切; Max.35 cycle/min	
制袋尺寸(Bag Size)	
L:50-180mm; W:17-30mm	
膜宽膜厚(Fim W&D)	
Max.560mm; 0.07-0.10mm	
封口形式(Sealing Type)	
四边封 / Four sides sealing; 背封Backsealing/Stick bag	
功率(Power)	
3.5kw; 5.5kw	

粉末/Powder

包装机型号(Type)		
LDSF-480L / LDSF-720L / LDSF-960L		
列数(Track Number)		
4~6列(Track); 4~10列(Track); 4~12列(Track)		
计量方式(Filing Method)		
螺杆 / Auger metering		
包装速度(Charity)		
每分钟最大40切; Max.40 cycle/min		
制袋尺寸(Bag Size)		
L:45-120mm; W:38-60mm; 38-90mm; 38-120mm		
膜宽膜厚(Fim W&D)		
Max.480mm; Max.720mm; Max.960mm / 0.07-0.1mm		
封口形式(Sealing Type)		
四边封 / Four sides sealing; 背封Backsealing/Stick bag		
功率(Power)		
2.8kw; 4.1kw; 5.5kw		

A段

① 多列包装机
Bag Sachet Packing Machine

② X射线异物检测机
X-ray Foreign Matter Detector

③ 重量检测机
Weight Detection Machine

④ 装盒机
Cartoning Machine

套袋机/Bagging Packing Machine

B段

⑥ 码垛机器人
Palletizing Robot

⑤ 贴标机
Labeling Machine

④ 封箱机
Box Closing and Sealing Machine

③ 重量检测机
Weight Detection Machine

② 协作型装箱机器人
Carton Manipulator

① 开箱机
Box Opening and Sealing Machine

特点/Characteristic

1 螺杆伺服计量粉剂头,高精度
High Precision auger screw measuring control by Servo Motor

2 伺服点数功能灵活设置不同的条包数量
With servo motor control counting conveyor flexible for the stick bag quantity

3 机器由成熟的PLC系统和触摸屏控制,可简单灵活地使用和操控机器
The whole set of machine is controlled by the touch screen and PLC controlling system, so it is very easy for the worker to operate the machine well

4 码垛工业机器人,适用于多种垛型,承重能力高且工作覆盖区域广
Palletizing industrial robot, suitable for various types of pallets, with high load-bearing capacity and wide working area coverage

5 机器由成熟的PLC系统和触摸屏控制,工人可以简单灵活地使用和操控机器
The whole set of machine is controlled by the touch screen and PLC controlling system, so it is very easy for the worker to operate the machine well

6 精准灌装,保障质量。高精度灌装系统,确保每瓶重量/体积一致,误差≤±1%。
Precise Filling,Guaranteed Quality;High-accuracy filling system ensures consistent weight/volume per bottle (tolerance ≤+1%)

Automatic High Speed Filling Line with Box Cartoning Palletizing Robot Packing System
全自动高速立式包装线配置机械手码垛包装系统

选配/Optional

参数/Parameter

包装机型号 (Type)			
LD-420A / LD-520A / LD-620A / LD-720A			
薄膜宽度 (Film width)			
Max.420mm; Max.520mm; Max.620mm; Max.720mm			
制袋长度 (Bag length)			
80-300mm; 60-400mm; 60-450mm; 60-500mm			
制袋宽度 (Bag width)			
60-200mm; 100-250mm; 65-300mm; 65-350mm			
包装速度 (Packing speed)			
5-60bag/min; 5-40bag/min; 5-35bag/min; 5-30bag/min			
计量范围 (Measuring range)			
1000ml; 2000ml; 3000ml; 500 ml			
薄膜厚度 (Film thickness)			
0.04-0.12mm			
包装材质 (Film material)			
BOPP/CPP, BOPP/VMCPP, BOPP/PE			

颗粒/Granule

包装机型号 (Type)			
LD-420L / LD-520L / LD-620L / LD-720L			
薄膜宽度 (Film width)			
Max.420mm; Max.520mm; Max.620mm; Max.720mm			
制袋长度 (Bag length)			
80-300mm; 60-400mm; 60-450mm; 60-500mm			
制袋宽度 (Bag width)			
60-200mm; 100-250mm; 65-300mm; 65-350mm			
包装速度 (Packing speed)			
5-60bag/min; 5-40bag/min; 5-35bag/min; 5-30bag/min			
计量范围 (Measuring range)			
1000ml; 2000ml; 3000ml; 500 ml			
薄膜厚度 (Film thickness)			
0.04-0.12mm			
包装材质 (Film material)			
BOPP/CPP, BOPP/VMCPP, BOPP/PE			

液体/Liquid

包装机型号 (Type)			
LD-420D / LD-520D / LD-620D / LD-720D			
薄膜宽度 (Film width)			
Max.420mm; Max.520mm; Max.620mm; Max.720mm			
制袋长度 (Bag length)			
80-300mm; 60-400mm; 60-450mm; 60-500mm			
制袋宽度 (Bag width)			
60-200mm; 100-250mm; 65-300mm; 65-350mm			
包装速度 (Packing speed)			
5-60bag/min; 5-40bag/min; 5-35bag/min; 5-30bag/min			
计量范围 (Measuring range)			
1000ml; 2000ml; 3000ml; 500 ml			
薄膜厚度 (Film thickness)			
0.04-0.12mm			
包装材质 (Film material)			
BOPP/CPP, BOPP/VMCPP, BOPP/PE			

粉末/Powder

A段

B段

①立式包装机
Vertical Packing Machine

①开箱机
Box Opening and Sealing Machine

②协作型装箱机器人
Carton Manipulator

③重量检测机
Weight Detection Machine

④封箱机
Box Closing and Sealing Machine

⑤贴标机
Labeling Machine
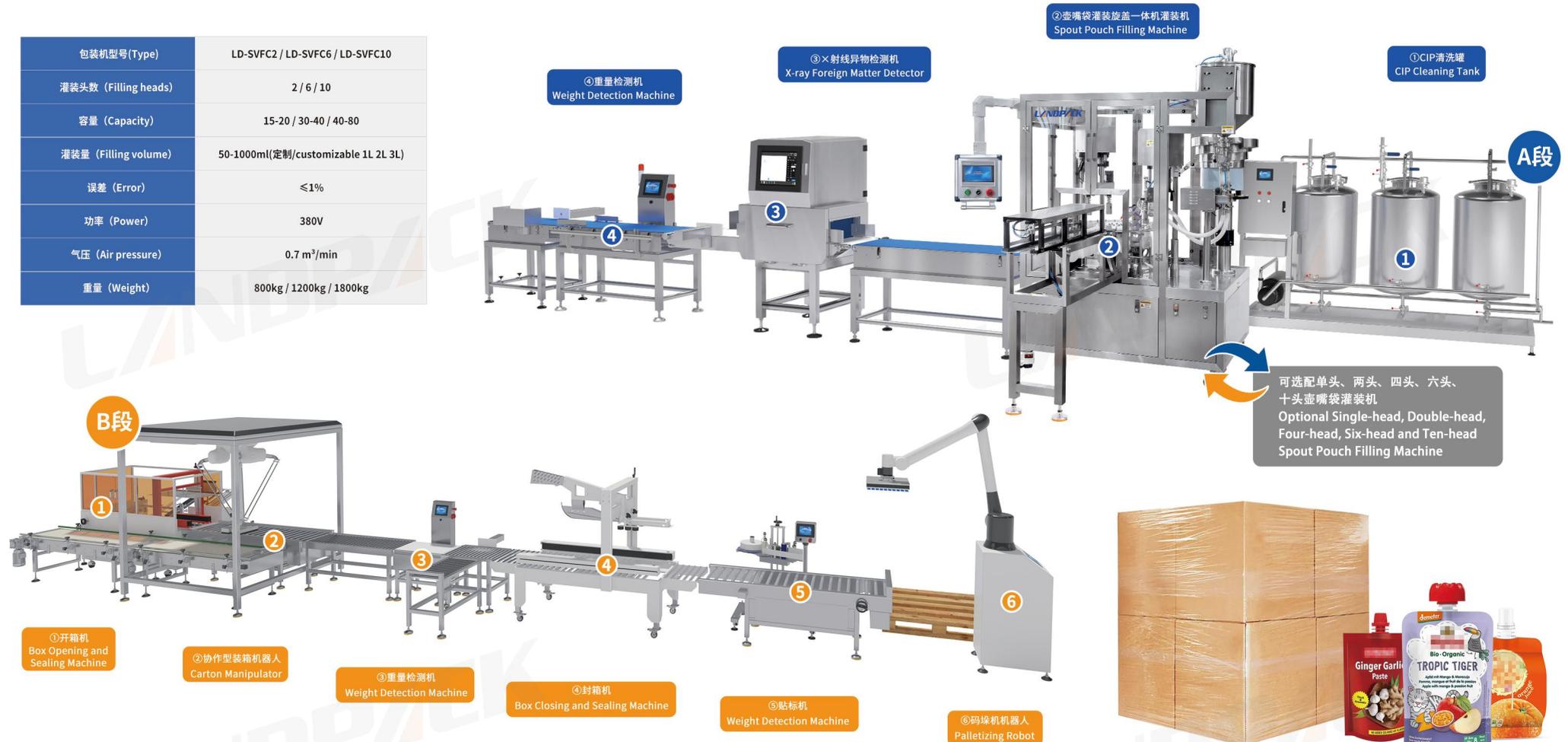
⑥码垛机器人
Palletizing Robot

特点/Characteristic

1 集中供料大量节约设备购置维修成本、人力操作成本，设备运行噪音小，安静，耐用
Centralized feeding significantly saves equipment procurement and maintenance costs, as well as labor operation costs. The equipment operates with low noise, quietness, and durability

2 实现全自动化的自动输送、计量、填充制袋、真空、打印日期等全部过程
The machine complete the whole process of automatic feeding, measuring, filling, bag making, vacuum, date printing automatically

3 整套设备连动控制，自动控制供料、无料不包装，设备运行稳定，损耗低
Complete set of equipment control, automatic control of feeding, packaging without material, stable operation of equipment and low loss

4 码垛工业机器人，适用于多种垛型，承重能力高且工作覆盖区域广
Palletizing industrial robot, suitable for various types of pallets, with high load-bearing capacity and wide working area coverage

5 智能化与可扩展性：兼容多种包装规格，切换快速，减少停机时间
Smart&Scalable: Adaptable to various packaging sizes quick changeover reduces downtime

Automatic Spout Pouch Filling Line with Box Cartoning Palletizing Robot Packing System
全自动壶嘴袋包装线配置机械手码垛包装系统

包装机型号(Type)	LD-SVFC2 / LD-SVFC6 / LD-SVFC10
灌装头数（Filling heads)	2 / 6 / 10
容量（Capacity)	15-20 / 30-40 / 40-80
灌装量（Filling volume)	50-1000ml(定制/customizable 1L 2L 3L)
误差（Error)	≤1%
功率（Power)	380V
气压（Air pressure)	0.7 m³/min
重量（Weight)	800kg / 1200kg / 1800kg

②壶嘴袋灌装旋盖一体机灌装机
Spout Pouch Filling Machine

③X射线异物检测机
X-ray Foreign Matter Detector

①CIP清洗罐
CIP Cleaning Tank

④重量检测机
Weight Detection Machine

A段

可选配单头、两头、四头、六头、十头壶嘴袋灌装机
Optional Single-head, Double-head, Four-head, Six-head and Ten-head Spout Pouch Filling Machine

B段

①开箱机
Box Opening and Sealing Machine

②协作型装箱机器人
Carton Manipulator

③重量检测机
Weight Detection Machine

④封箱机
Box Closing and Sealing Machine

⑤贴标机
Weight Detection Machine

⑥码垛机器人
Palletizing Robot

Ginger Garlic Paste

Bio-Organic TROPIC TIGER

特点/Characteristic

1 灌装、旋盖全自动完成，节省人工，提升产能
Integrateddesign combinesfilling and capping,reducing labor costs andboostingproductivity

2 高精度流量计/伺服系统，误差≤±1%，适用于多种液体（如酱料、饮品）
Precision filling controlwith ±1%accuracy,adaptable to viscous or thin liquids.(E.g.sauce,drinkingect)

3 可清洗喷嘴外部，确保包装清洁卫生
Washing the outer of spout to ensure package clean and hygienic

4 机器由成熟的PLC系统和触摸屏控制，可简单灵活地使用和操控机器
The whole set of machine is controlled by the touch screen and PLC controlling system, so it is very easy for the worker to operate the machine well

5 码垛工业机器人，适用于多种垛型，承重能力高且工作覆盖区域广
Palletizing industrial robot, suitable for various types of pallets, with high load-bearing capacity and wide working area coverage

6 智能化与可扩展性：兼容多种包装规格，切换快速，减少停机时间
Smart&Scalable: Adaptable to various packaging sizes quick changeover reduces downtime

Automatic High Speed Packing Line with Box Cartoning Palletizing Robot Packing System
全自动理料线配置机械手码垛包装系统

包装机型号（Type）	LP-500
薄膜宽度(Film width)	65-280mm
制袋长度(Bag length)	85-230mm
制袋宽度(Bag width)	20-90mm
产品高度(Product height)	5-40mm
卷膜直径(Film roll diameter)	Max.320mm
包装速度(Packaging rate)	35-400 bags/min
电源规格(Power)	220V,50/60Hz,4.5kw
包装材质(Film material)	OPP/CPP,PT/PE,KOP/CPP/ALU FOIL

②装盒机
Cartoning Machine

①高速理料线
High Speed Packing Line

A段

套袋机/Bagging Packing Machine

B段

⑥码垛机机器人
Palletizing Robot

⑤贴标机
Labeling Machine

④封箱机
Box Closing and Sealing Machine

③重量检测机
Weight Detection Machine

②协作型装箱机器人
Carton Manipulator

①开箱机
Box Opening and Sealing Machine

特点/Characteristic

1 定制化高速包装机，包装能力为 500-600 件/分钟
Customized high-speed packaging machines with a packaging capacity of 500-600 pcs/minute

2 先进技术配置防切料，防空包，无料停止放膜，节省包材
Advanced technology configuration, anti-cutting material, anti-empty packaging, stop film release when there is no material, save packaging materials

3 独立PID温度控制，适应各种包装卷膜材质
Independent PID temperature control, suitable for various packaging film materials

4 机器由成熟的PLC系统和触摸屏控制，可简单灵活地使用和操控机器
The whole set of machine is controlled by the touch screen and PLC controlling system, so it is very easy for the worker to operate the machine well
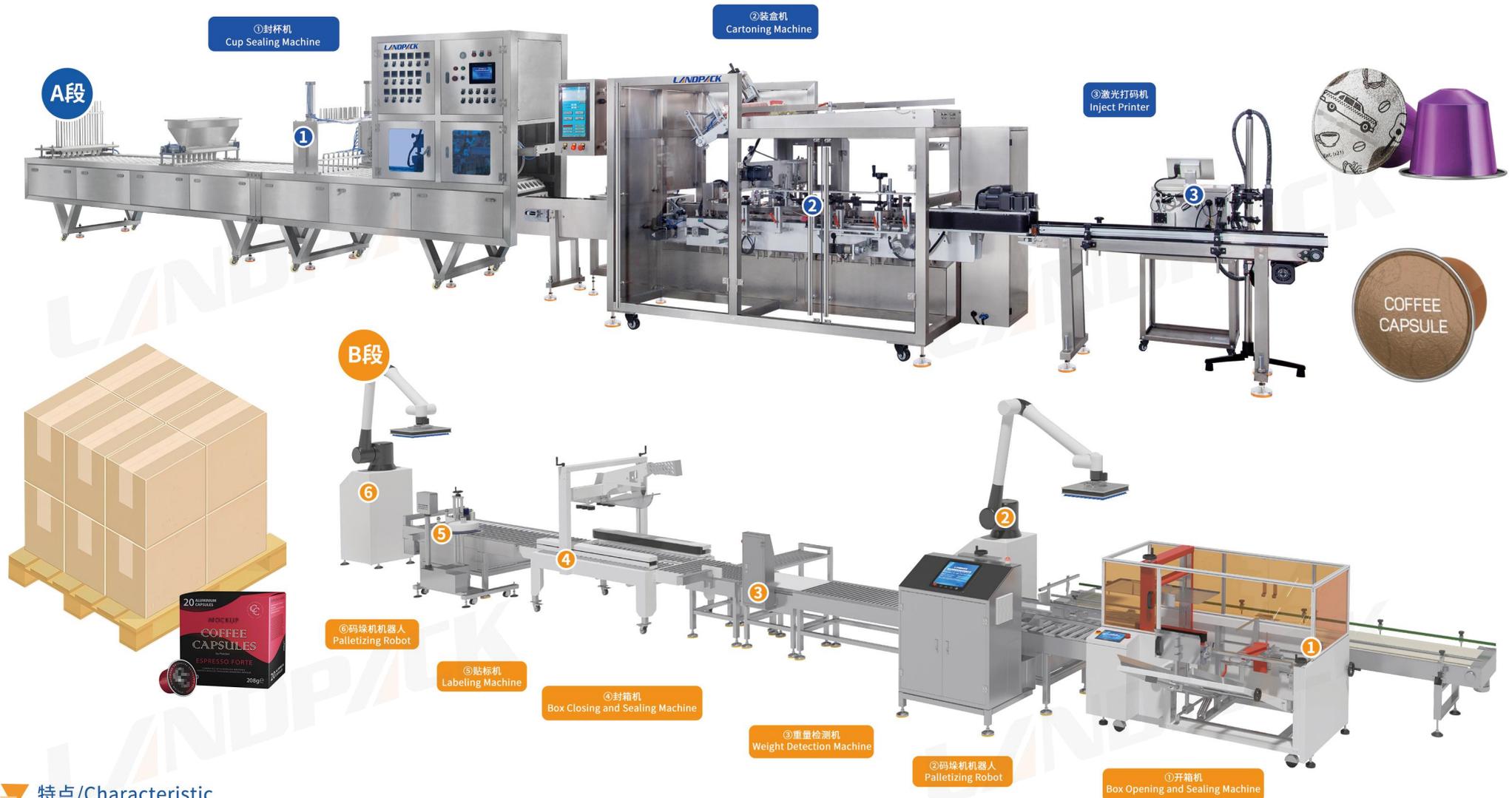
5 码垛工业机器人，适用于多种垛型，承重能力高且工作覆盖区域广
Palletizing industrial robot, suitable for various types of pallets, with high load-bearing capacity and wide working area coverage

6 智能化与可扩展性: 兼容多种包装规格，切换快速，减少停机时间
Smart&Scalable: Adaptable to various packaging sizes quick changeover reduces downtime

Automatic Cup Filling Sealing Line with Box Cartoning Palletizing Robot Packing System
全自动封杯灌装线配置机械手码垛包装系统

A段

①封杯机
Cup Sealing Machine

②装盒机
Cartoning Machine

③激光打码机
Inject Printer

COFFEE CAPSULE

B段

⑥码垛机机器人
Palletizing Robot

⑤贴标机
Labeling Machine

④封箱机
Box Closing and Sealing Machine

③重量检测机
Weight Detection Machine

②码垛机机器人
Palletizing Robot

①开箱机
Box Opening and Sealing Machine

20 ALUMINIUM CAPSULES
COFFEE CAPSULES
by Flanders
ESPRESSO FORTE
208g

特点/Characteristic

1 智能化与可扩展性: 兼容多种杯型规格, 以及物料包装
Intelligence and scalability: compatible with multiple cup specifications and material packaging

2 码垛工业机器人, 适用于多种垛型, 承重能力高且工作覆盖区域广
Palletizing industrial robot, suitable for various types of pallets, with high load-bearing capacity and wide working area coverage

3 易清洗, 确保包装清洁卫生
Easy to clean, ensuring the packaging is clean and hygienic

Automatic Plastic Tube Filling Sealing Line with Box Cartoning Palletizing Robot Packing System
全自动灌装封尾包装线配置机械手码垛包装系统

包装机型号(Type)		
LFF-RFQ-00		
软管材质（Material）		
复合管；塑料管		
软管直径（Diameter）		
Φ15mm-Φ50mm(可定制/customize)		
软管高度（Height）		
50mm-220mm(可定制/customize)		
灌装范围（Filling range）		
10-200ml(可定制/customize)		
产 量（Speed）		
20-35tubes/min		

①封尾机
Tube Filling Machine

②X射线异物检测机
X-ray Foreign Matter Detector

③重量检测机
Weight Detection Machine

④装盒机
Cartoning Machine

A段

B段

⑥码垛机器人
Palletizing Robot

⑤贴标机
Labeling Machine

④封箱机
Box Closing and Sealing Machine

③重量检测机
Weight Detection Machine

②码垛机器人
Palletizing Robot

①开箱机
Box Opening and Sealing Machine

特点/Characteristic

1 适用范围：应用于医药、日化、食品、化工等行业的包装
Scope of application: it is applied to the packaging of medicine, daily chemicals, food and chemical industry,

2 封尾机速度快，封口采用水冷，效果美观
The tube filling sealing machine has a fast speed and uses water cooling for sealing, beautiful effect.

3 灌装计量准确，加热时间稳定、可调、封尾外观漂亮、整齐、牢固、卫生
Accurate filling measurement, stable and adjustable heating time, beautiful, neat, firm and sanitary appearance of sealing tail;

4 机器由成熟的PLC系统和触摸屏控制，可简单灵活地使用和操控机器
The whole set of machine is controlled by the touch screen and PLC controlling system, so it is very easy for the worker to operate the machine well

5 码垛工业机器人，适用于多种垛型，承重能力高且工作覆盖区域广
Palletizing industrial robot, suitable for various types of pallets, with high load-bearing capacity and wide working area coverage

6 智能化与可扩展性：兼容多种包装规格，切换快速，减少停机时间
Smart&Scalable: Adaptable to various packaging sizes quick changeover reduces downtime

主要电器及品牌/Major electrical components and brands

1
电磁阀（亚德客）
Solenoid valve(AIRTAC)

2
气缸（亚德客）
Cylinder(AIRTAC)

3
PLC（西门子/信捷）
PLC(Siemens/JIECTRL)

4
伺服电机（西门子/信捷）
Servo motor(Siemens/JIECTRL)

5
伺服驱动器（西门子/信捷）
Servo driver(Siemens/JIECTRL)

6
变频器（西门子/信捷）
Solenoid valve(Siemens/JIECTRL)

7
触摸屏（西门子）
Touch screen(Siemens)

8
中间继电器（魏德米勒）
Intermediate relay(WEIDMÜLLER)

9
接近开关（奥托尼克斯）
Proximity switch(AUTONICS)

10
光电开关（奥托尼克斯）
Photoelectric switch(AUTONICS)

11
步进电机（森电）
Stepper motor(SENDEX)

12
微型电机（台邦）
Miniature motor(TAIBO)

工艺特点/Process characteristics

1
金属表面：304不锈钢符合食品卫生要求，拉丝工艺处理，培加美观度
铝板：氧化处理、耐用、美观
Metal surface: 304 stainless steel meets food hygiene requirements, with a brushed finish for enhanced aesthetics;
Aluminum plate: anodized, durable, and beautiful

2
平台：防滑，增加安全性，其他钣金导角处理加工工艺、防刮手
Platform:Anti-slip,increasing safety；Other sheet metal：Chamfering process，anti-scratch hand.

3
轴承：哈尔滨轴承、大品牌
Bearings: Harbin Bearings, well-known brand

4
切刀（立式、枕式、多列）：硬度高，镀镍、锋利易切耐用
Cutter(vertical,flow, multi lane):High hardness, nickel-plated, sharp, easy to cut, and durable

5
机加工：CNC高精度加工中心
Machining: CNC high-precision machining center.

6
计量：精准度高，误差：1%.
Measurement: High accuracy, error: 1%

7
易清洗：称可拆，清洗部件做防水处理
Easy to clean: It is detachable,waterproof for cleaning parts

8
安全性：安全门拉门即停机
Safety: The machine stops immediately when the safety door is opened

9
拆装方便、容易调节重量及精度
Easy to assemble and disassemble, easy to adjust weight and precision.

10
可灌装食品、日用品、化工品，适用性强
It can be applied to fill food, daily necessities, and chemicals, highly applica

11
流水线生产、高效省人工
Assembly line production, high efficiency and saving labor

让世界的包装因揽德更美好

Make the world's packaging be better because LANDPACK

佛山市揽德包装机械有限公司

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