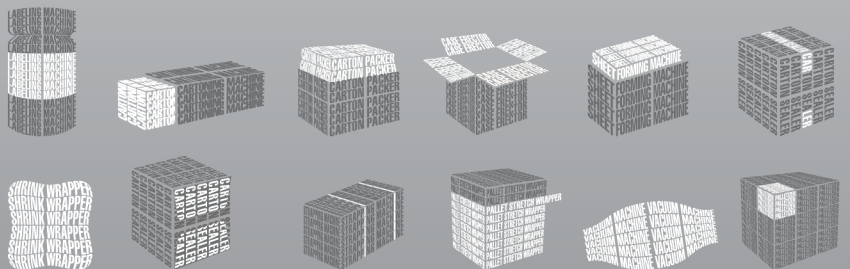




Unmanned Packing, Intelligent System

Complete Processing & Packaging Line Solutions



ABOUT LION PACKING SYSTEMS

Lion Packing Systems delivers complete food processing and packaging lines. With engineering and manufacturing in Tianjin and Zhejiang, China, and a sales office in Los Angeles, USA, we provide turnkey service — from plant layout and full production lines to installation, operator training and after-sales support.

More than a machine company

Beyond equipment, we provide professional consulting for fruit cup production — helping customers move from product and process design to a running line.



ROBOT & SPIDER ROBOT





LPR-2-20-C

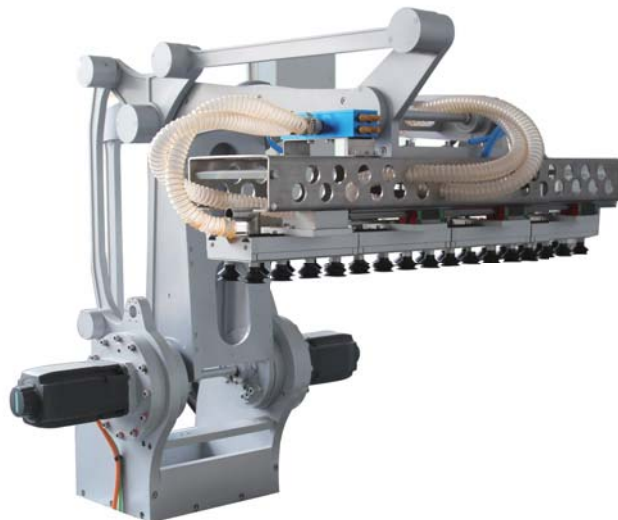
Rated payload	20kg
Power supply	3.0kw
Reach	1105mm
Mounting position	Ceiling
Weight of robot	155Kg
Pose repeatability	±0.5mm
Floor area	320mm×440mm
Axis data	A2 +20° to -105° A3 +60° to -90°
Max speed	A2 170°/s A3 170°/s

Robot

LPR-2-60-F

Rated payload	20-60kg
Power supply	5.0kw
Reach	1800mm
Mounting position	Floor
Weight of robot	200Kg
Pose repeatability	±0.5mm
Floor area	700mm×700mm
Axis data	A2 +90° to -35° A3 +15° to -110°
Max speed	A2 105°/s A3 105°/s

Robot



LPR-2-120-F

Robot



LPR-2-600-F

Rated payload	600kg
Power supply	15.4kw
Reach	3150mm
Mounting position	Floor
Weight of robot	1400Kg
Pose repeatability	±0.5mm
Floor area	700mm×700mm
Axis data	A2 +90° to -40° A3 +15° to -115°
Max speed	A2 65°/s A3 65°/s

Robot



LPR-2-220-F

Robot

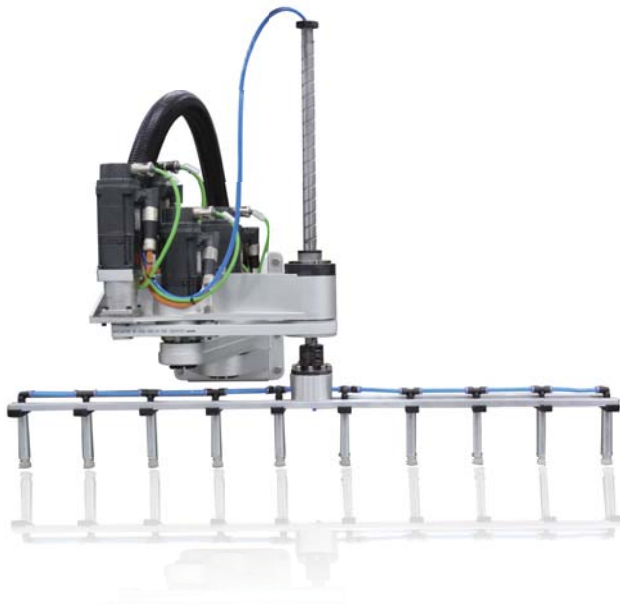




LPR-4-500-F	Robot	
Rated payload	500kg	
Power supply	26.9kw	
Reach	3150mm	
Mounting position	Floor	
Weight of robot	2210Kg	
Pose repeatability	±0.5mm	
Floor area	950mm×950mm	
Axis data	A1 ±180° A3 +15° to -115°	A2 +40° to -90° A4 ±360°
Max speed	A1 85°/s A3 80°/s	A2 80°/s A4 165°/s



	LPR-4-80-F				LPR-4-120-F				LPR-4-220-F				LPR-4-300-F			
Rated payload	80kg				120kg				220kg				300kg			
Power supply	8.7kw				11kw				15kw				16.6kw			
Reach	3150mm				3150mm				3150mm				3150mm			
Mounting position	Floor				Floor				Floor				Floor			
Weight of robot	1400Kg				1400Kg				1600Kg				1700Kg			
Pose repeatability	±0.5mm				±0.5mm				±0.5mm				±0.5mm			
Floor area	900mm×900mm				900mm×900mm				900mm×900mm				900mm×900mm			
Axis data	A1 ±180° A3 +15° to -115°	A2 +40° to -90° A4 ±360°			A1 ±180° A3 +15° to -115°	A2 +40° to -90° A4 ±360°			A1 ±180° A3 +15° to -115°	A2 +40° to -90° A4 ±360°			A1 ±180° A3 +15° to -115°	A2 +40° to -90° A4 ±360°		
Max speed	A1 120°/s A3 135°/s	A2 135°/s A4 300°/s			A1 120°/s A3 125°/s	A2 125°/s A4 300°/s			A1 95°/s A3 95°/s	A2 95°/s A4 240°/s			A1 90°/s A3 90°/s	A2 90°/s A4 195°/s		



LPRS-4-10-W	Robot	
Rated payload	10kg	
Power supply	3kw	
Reach	600mm 800mm	
Mounting position	Wall	
Weight of robot	50Kg	
Pose repeatability	±0.5mm	
Floor area	230mm×300mm	
Axis data	A1 ±180° A3 400mm	A2 ±150° A4 ±500°
Max speed	A1 95°/s A3 95°/s	A2 95°/s A4 240°/s



LPRD-4-01-C Spider robot

Kinematic structure	Delta type
Power supply	2.9kw
Mounting position	Ceiling
Weight	60Kg 125Kg 60Kg(125Kg for casting)
Pose repeatability	±0.3mm
Angle repeatability	±0.3°
Payload	1Kg
Maximum speed	80 cycles/min
Working volume	Φ800×250 / Φ1130×300 / Φ1350×350
Cycle time	Cycle path 25×305×25 Payload 0.5Kg Cycle time 0.5s



Casting type

LPRD-4-03-C Spider robot

Kinematic structure	Delta type
Power supply	5.3kw
Mounting position	Ceiling
Weight	85Kg 145Kg 85Kg(145Kg for casting)
Pose repeatability	±0.3mm
Angle repeatability	±0.3°
Payload	3Kg
Maximum speed	80 cycles/min
Working volume	Φ800×250 / Φ1130×300 / Φ1350×350
Cycle time	Cycle path 25×305×25 Payload 1Kg Cycle time 0.6s



LPRD-3-01-C Spider robot

Kinematic structure	Delta type
Power supply	2.4kw
Mounting position	Ceiling
Weight	52Kg 115Kg 52Kg(115Kg for casting)
Pose repeatability	±0.3mm
Payload	1Kg
Maximum speed	80 cycles/min
Working volume	Φ800×250 / Φ1130×300 / Φ1350×350
Cycle time	Cycle path 25×305×25 Payload 0.5Kg Cycle time 0.5s



Casting type

LPRD-3-03-C Spider robot

Kinematic structure	Delta type
Power supply	4.5kw
Mounting position	Ceiling
Weight	72Kg 135Kg 72Kg(135Kg for casting)
Pose repeatability	±0.3mm
Payload	3Kg
Maximum speed	80 cycles/min
Working volume	Φ800×250 / Φ1130×300 / Φ1350×350
Cycle time	Cycle path 25×305×25 Payload 1Kg Cycle time 0.6s



Lion Packing Systems

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Turnkey Service

- Plant layout design
- Complete processing & packaging lines
- Packing & packaging material supply
- Installation, commissioning & operator training
- After-sales service & spare parts

Lines Running In

China • Thailand • Mexico • Peru