



Leantec Robot

Robot Experts in Machine
Tool Technology

R Series



※ Product Features

- High speed, high precision & high repeatability
- Standard 16I/24O, supports rapid expansion of IO modules
- Standard IP67 IP rating
- All models come with built-in 4 pneumatic tubes and 8 IO cables
- Hollow wrist option available to avoid cable entanglement issue
- Multiple installation method: Floor, Upside-Down, Angle
- Small footprint, lightweight & suitable for compact workspace

※ Main Application

Handling, machine tending, assembly, deburring etc

Model	LA580-4H	LA707-7H	LA906-7	LA1206-10	LA1442-12	LA1813-25	LA1813-35
Max. Payload (kg)	4	7	7	10	12	25	35
Max. Reach (mm)	580	707	906	1206	1442	1813	1813
Repeatability (mm)	±0.02	±0.02	±0.03	±0.05	±0.03	±0.05	±0.05
Installation	Floor/Upside-Down/Angle						
IP Rating	IP67		IP54	IP67	Wrist IP67, Base IP65		
No. of Axes	6						
Remarks	Hollow Wrist (Optional: No Electrical Cabinet)		Standard Model (Optional: No Electrical Cabinet)		Standard Model		

H Series



※ Product Features

- Compliant with ISO15066 collaborative robot safety standard
- Small footprint, lightweight, easy handling and installation
- Support drag teaching function for enhanced intuitive point teaching
- Anti-collision function ensures operation safety without safety fence
- Equipped with 16I/16O, 2 DA & 2 AD interface and safety inputs
- Standard IP66 ensures long term operation in harsh environment
- Multiple installation methods : Floor, upside-down, and angle

※ Main Application

Handling, assembly, machine tending etc

Model	LC800-5	LC1000-10	LC1300-8	LC1300-15
Max. Payload (kg)	5	10	8	15
Max. Reach (mm)	800	1000	1300	1300
Repeatability (mm)	±0.02	±0.03	±0.03	±0.05
Installation	Floor/UpSide-Down/Angle			
IP Rating	IP66			
No. of Axes	6			
Remarks	Standard Model			

C Series



Standard Model



Welding Model (Hollow Wrist)

※ Product Features

- Light to medium payload, wide range of application
- Welding model features hollow wrist design
- Standard 16I/24O, 2 DA interface, 1 AD interface, expandable IO
- Built-in 12 IO connection to avoid cable entanglement issue
- Multiple installation method: Floor, upside-down, angle

※ Main Application

Handling, assembly, machine tending, palletizing, welding etc

※ Standard Model

Model	LA1468-10	LA1717-20	LA2000-8	LA2100-60
Max. Payload (kg)	10	20	8	60
Max. Arm Reach (mm)	1468	1717	2000	2100
Repeatability (mm)	±0.05	±0.05	±0.05	±0.2
Installation	Floor/Upside-Down/Angle			Floor
IP Rating	IP54			
No. of Control Axes	6			
Remarks	Standard Model			

※ Welding Model (Hollow Wrist)

Model	LA1600-6H-C	LA2000-6H-C
Max. Payload (kg)	10	6
Max. Arm Reach (mm)	1603	2000
Repeatability (mm)	±0.05	±0.05
Installation	Floor/Upside-Down/Angle	
IP Rating	IP54	
No. of Control Axes	6	
Remarks	Hollow Wrist	

Y Series



※ Product Features

- High speed, high precision & high repeatability
- Small footprint, lightweight & suitable for compact workspace
- Standard 16I/24O, supports rapid expansion of I/O modules
- Built-in pneumatic tube & IO cable for easier cable management

※ Main Applications

Handling, assembly etc

Model		LS400-3	LS600-6	LS900-10
Max. Payload (kg)		3	6	10
Max. Reach (mm)		400	600	900
Repeatability (mm)	J1/J2 (mm)	±0.01	±0.02	±0.02
	J3 (mm)	±0.01	±0.01	±0.01
	J4 (°)	±0.01	±0.01	±0.01
Installation		Floor		
IP Rating		IP20	IP54	IP20
No. of Axes		4		
Remarks		Optional: No Electrical Cabinet		

Robot Teaching Pendant



※ Product Features

- User friendly graphical programming, support multilingual platform
- Comprehensive IO commands to enhance robot efficiency
- Various process packages: Pallet tracking, conveyor tracking, welding, pick & place etc
- Collision avoidance function to enhance safety during operation

Robot Type	Articulate	Scara & Delta	Cable Length (m)	10
Display Screen	7 Inch		IP Rating	IP65
Servo Communication	M3、EtherCat		Dimension (mm)	340×207×78
No. of Axes (Max)	Standard 4 (Max. 12)		Control Button	Control Panel, Emergency Stop, Mode Button, Safety Switch, MPG Wheel
No. of IO (Max)	16I, 16O (128I, 128O)			

Leanloader



✕ Product Features

- Rapid Deployment : Flexible & mobile design with casters & fixed brackets enable robot rapid deployment
- Rapid Communication : Connect with CNC machine using single network cable or IO connector
- Rapid Commissioning : Only communication signal verification, pick & place point teaching are required, reduce on-site commissioning time
- Rapid Line Change : Quick workstations relocation & products change to meet the requirement of line change production
- Continuous Production : Add new workpieces without stopping robot and machine, eliminate production downtime



**Smart Production
1 Robot - 1 Machine Setup**



**Double Production Rate
1 Robot - 2 Machine Setup**

Dual-Layer Leanloader					Rotary Leanloader	
Model	LXC100-906R	LXC100-1206R	LXC11P-1468C	LXC11P-1717C	Model	LXC200-1206R
Max. Payload (kg)	6	10	10	20	Max. Payload (kg)	10
Arm Reach (mm)	906	1206	1468	1717	Arm Reach (mm)	1206
Repeatability (mm)	±0.03	±0.05	±0.05	±0.05	Repeatability (mm)	±0.05
IP Rating	IP67	IP54	IP54	IP54	IP Rating	IP54
Tray Dimension(mm)	570×420	570×420	800×600	800×600	Product Dimension (mm)	1950 X 800
Tray Max. Load(kg)	60	60	80	80	Suitable Workpiece Diameter (mm)	25 - 160
Suitable Workpiece	Small & medium size, angular positioning requirement		Medium & large size, angular positioning requirement		Single Magazine Load (kg)	50
Max. Workpiece Height (mm)	90	95	135	135	Suitable Workpiece	Round & Disc Type
					Single Magazine Height (mm)	410