



**ROBOT EXPERTS WHO  
UNDERSTAND  
MACHINE TOOLS**

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**LEANTEC ROBOT EMPOWER  
CNC APPLICATION**

# 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, Angled
- Small footprint, lightweight, suitable for compact workspace

## ※ Main Application

Handling, machine tending, assembly, palletizing, other

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

# C Series



## ※ Product Features

- Light & medium payload, wide application range
- Standard 16I/24O, 2 DA interface, 1 AD interface, IO expandable
- Built-in 12 IO connection to avoid cable entanglement issue
- Multiple installation method: Floor, Upside-down, Angled

## ※ Main Application

Handling, assembly, machine tending, welding, other

Model	LA1468-10	LA1717-20	LA2000-8	LA2100-60
Max. Payload (kg)	10	20	8	60
Max. Reach (mm)	1468	1717	2000	2100
Repeatability (mm)	±0.08	±0.08	±0.08	±0.2
Installation	Floor / Upside-Down / Angled			Floor
IP Rating	IP54			
No. of Axes	6			
Remarks	Standard			

# H Series



## ※ Product Features

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

## ※ Main Application

Handling, assembly, machine tending, other

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

## Y Series



### ※ Product Features

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

### ※ Main Applications

Handling, assembly, palletizing, others

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		Standard / No electrical cabinet option		

## 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	Control Button	Control Panel, Emergency Stop, Mode Button, Safety Switch, Handwheel
Display Screen	7 Inch		Cable Length (m)	10
Servo Communication	M3, EtherCat		IP Rating	IP65
No. of Axes (Max)	4 (12)		Dimension (mm)	340×207×78
No. of IO (Max)	16I, 16O (128I, 128O)			

# Leanloader

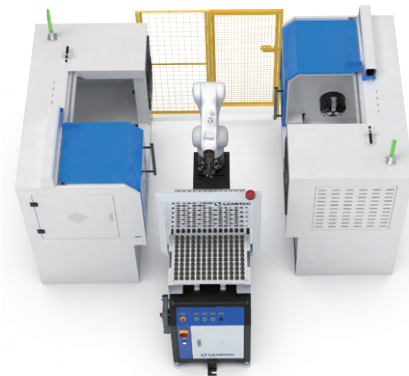


## ✕ Product Features

- 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 requires communication signal testing, pick & place point teaching, speed-up production start-up
- Rapid Line Change : Quick workstations relocation & products changed to meet the requirement of line change production
- Continuous Production : Add new workpieces without stopping robot and machine, eliminate production downtime



Smart Production  
1-to-1 Setup



Double Production Rate  
with 1-to-2 setup

DUAL-LAYER LEANLOADER					ROTARY LEANLOADER	
MODEL	LXC100-906R	LXC100-1206R	LXC11P-1468C	LXC11P-1717C	Model	LXC200-1206R
Max. Payload (kg)	7	10	10	20	Max Payload (kg)	10
Max. Reach (mm)	906	1206	1468	1717	Max. Reach (mm)	1206
Repeatability (mm)	±0.03	±0.05	±0.08	±0.08	Repeatability (mm)	±0.05
IP Rating	IP67	IP54	IP54	IP54	IP Rating	IP54
Tray Dimension (mm)	570×420	570×420	800×600	800×600	Suitable Workpiece Diameter (mm)	25-160
Tray Max. Load (kg)	60	60	80	80	Single Magazine Load (mm)	50
Suitable Workpiece	Small & medium with angular profile			Medium & large with angular profile	Suitable Workpiece	Round & Disc Type
Max. Workpiece Height (mm)	95	95	135	135	Single Magazine Height (mm)	410