### **TAIWAN**

Taiwan (Hsinchu) SYNTEC Technology Co., Ltd ADD: No.25, Yanfa 2nd Rd., East Dist., Hsinchu City 300, Taiwan (R.O.C.) TEL: +886-3-6663553 FAX: +886-3-6663505 EMAIL: sales@syntecclub.com.tw

Taichung

SUN-CNC Co., Ltd ADD: No. 22, Lane 428, Section 1, Fengyuan Boulevard, Fengyuan District TEL: +886-4-25337731 TAX: +886-4-25349224

TANLU-CNC Co., Ltd ADD: No. 42, Jingming Road, Xitun District, Taichung City, Taiwan (R.O.C.) TEL: +886-4-23102626 TAX: +886-4-23102636

Tainan
ADD: No. 218, Denan Road, Rende District,
Tainan City, Taiwan (R.O.C.)
TEL: +886-6-2796707
TAX:+886-6-2796705

### AROUND THE WORLD

Malaysia

Midia/Sia ADD: No.2, Jalan Astana 1D, Bandar Bukit Raja, 41050 Klang, Selangor, Malaysia. TEL: +603-33115887 EMAIL: sales.malaysia@syntecclub.com

Thailand

ADD: 78/38 Kheha Romklao Rd., Khlong Song Ton Nun, Lat Krabang,Bangkok, 10520 TEL: +662-006-5738

EMAIL: thanawat@syntecclub.com.tw

Vietnam ADD: 3F, No. 36, A4 Street, Ward 12, Tan Binh District,

ADD: 3F, No. 36, A4 Stre Ho Chi Minh City, VietNam TEL: +84938332829 FAX: +842822535556 EMAIL: andyngo@vnsyntec.com.vn

Turkey TUTKEY
ADD: Kűcübbakkalkoy Mah. Vedat Günyol Cd. Defne Sok.
No:1 D:1502 Flora Residence,34750 Atasehir/Istanbul, Türkiye
TEL: +90-218-2662475
EMAIL: daisy.cheng@syntecclub.com.tw

USA (South California)

St. #D. Brea, CA 92821

ADD: 2841 Saturn St, #D, Brea, 0 TEL: +1909-551-0187 EMAIL: info@syntecamerica.com

Indonesia

INDONESIA
PT. OTOMASI BERSAMA INDONESIA
ADD: Ruko Arcadia Mataram Blok B, No 15, Kelurahan
Cibatu, Kecamatan Cikarang selatan, 17530, Indonesia
TEL: +6221 2210 4832
EMAIL: yulius@otomasi.co

India (Distributor)

Luna Technologies Pvt. Ltd. ADD: W-200 ,TTC Industrial Estate , Khaime, Thane Belapur Road , Navi Mumbai 400708 TEL: +91-22-61786110 E-mail: sales@lunabearings.com

**CHINA** 

Jiangsu

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd ADD : Building B, No.9 Chunhui Road,Suzou industrial Park,China

TEL: 0512-69008860 FAX: 0512-65246029

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd WuXi

Office ADD : B906, Yuye Network Building, 68 Exploration Road, Huishan District, Wuxi City, Jiangsu Province

TFI: 15295664580

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd

Changzhou Office

ADD: Room 2217, Yatai Fortune Center, No. 1
Huayuan Street, Hutang Town, Wujin District,
Changzhou City, Jiangsu Province, China
TEL: 18168828572

SYNTEC TECHNOLOGY(Suzhou)CO..Ltd

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd XuZhou Branch ADD: Room 1503, South of Territorial Sea Office Building, No. 66, Kunpeng Road, Xuzhou Economic Development Zone, Jlangsu Province, China TEL: 13656201020

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd

ManJingBranch
ADD: Room 712, Research Building 1, Lianggang
Park, 117 Suyan Avenue, Jiangning District, Nanjing
City, Jiangsu Province, China
TEL: 025-5271702
FAX: 025-52717710

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd
NanTong Branch
ADD : Room T3-1301, No. 108, Gangzha District,
North Street, Nantong City, Jlangsu Province, China
TEL: 0513-89077025
FAX: 0513-89072057

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd

NanTong Branch Yanchen Office
ADD: Room 401, building 13, phase 9, Zhongnan
Century City, Yandu District, Yancheng City, Jiangsu

Shaanxi

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd XiAn Branch

Branch
ADD : Room 1\_1328, Building 4, Yicui Garden I
Duhui, No. 10, South Tangyan Road, Xi 'an
High-tech Zone
TEL : 029-88287423

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd BaoJi

ADD : Room 1702, Unit 3, Building 8, Dongling Xinshiji, Binhe North Road, Jintai District, Baoji, Shaanxi Province, China

Guangdong

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd GuangDong

Branch
ADD : Factory 201or 301, Building A, No.10 Nanjiang
Third Road, Zhujiang Street, Nansha District, Guangz

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd DongGuan

SYNTEC TECHNOLOG (GUARANDEC)

ADD: 0769-81661ing 1, Mobile Group, No. 522, Zhen
'an East Road, Chang 'an Town, Dongguan City,
Guangdong Province, China
TEL: 0769-81660318

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd GuangZhou

Branch
ADD: Room 404, Building 2, Seven Friendship Building,
No. 8 Luojiacun Section, Fuyi Road, Dalong Street,
Panyu District, Guangzhou City, Guangdong Province
TEL: 1202-34583040,
FAX: 020-34583220

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd ChangPing

Branch
ADD: Floor 5, Hullong Building, No. 8, Zhanqian 1st
Road, Banshi Village, Changping Town, Dongguan City,
Guangdong Province, China
TEL: 0769-82826802
FAX: 0769-82826820

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd ShenZhen

Branch ADD: 406, Block E, Haowei new material industrial park, No. 8, Qinglan 1st Road, Zhukeng community, Longtian street, Pingshan District, Shenzhen,

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd JiangMen

Branch
ADD: Room 02, 7th Floor, Torch Building, Hi-Tech
Zone, 288 Jinou Road, Jianghai District, Jiangmen City,
Guangdong Province • China
TEL: 0750-3762143

Henan

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd LuoYang

ADD : Room 704, Runsheng Building, Intersection of Heluo Road and Sanshan Road, Hi-tech Zone, Luoyang, Henan Province, China TEL: 0379-65110352 FAX: 0379-65110352

SYNTEC TECHNOLOGY(Suzhou)CO..Ltd

STN IEC TECHNOLOGY (SUZNOL) CUT. LTG
ShillaZhuang Office
ADD: 4-3-801, Reyl Community, No. 8 Huaxing Road,
Qlaoxi District, Shijlazhuang City, Hebel Province, China
TEL: 18622728669
FAX: 0379-65110352

Fuiian

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd XiaMen

Branch
ADD \* Floor 3, No. 2, Jixiang West Road, Xinmin Town
Tong'an District, Xiamen City, Fujian Provinc
TEL \* 0592-7191901
FAX \* 0592-7220536

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd HangZhou

Branch ADD : 1202, Unit 2, Building 1, Dikai Building, No.471 Jincheng Road, Xiaoshan District, Hangzhou City, Zhejiang Province, China TEL : 0571-82751187

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd HangZhou Branch Jinhua Office ADD: Room G204, No. 1729, Dongshi North Street, Xinshi street, Wucheng District, Jinhua City, Zhejiang Province TEL: 1599-0026533

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd WenZhou

Branch ADD: 1205-3, Honghai building, Ouhai District, Wenzhou City, Zhejjang Province TEL: 0577-86158619

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd NingBo

Branch
ADD : Room 1207, Ivy league Building, No. 262, Lane
416, Zhaohui Road, Jiangdong District, Ningbo City,
Zhejiang Province, China
TEL : 0574-87750305

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd WenLing

Branch
ADD : Room 509, Haocheng Service Building, No. 838,
Wanchang Middle Road, Chengdong Street, Wenling
City, Taizhou City, Zhejiang Province, China TEL: 0576-86138372 FAX: 0576-86119106

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd YuHuan

Office
ADD: Room 302, Unit 2, Building 1, Hualong Times
Square, 226 Provincial Road, Chunmen Town, Yuhuan
County, Taizhou City, Zhejiang Province, China
TEL: 13088636567

Chongqing

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd ChongQing

Branch
ADD: 1007, Building 4, No.62, East Section of Taishan
Avenue, Yubel District, Chongqing
TEL: 023-67913296
FAX: 023-67634382

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd ChengDu

SYNTEC TECHNOCOS.

Office
ADD : ADD : Room102, Unit 1, Building 24, Jiazhaoye
Modern City, No.898, Section 2, Xingxing Road,
Dongsheng Street, Shuangliu District, Chengdu City,
Sichuan Province, China

Tianjin

Take.

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd TianJin

Branch ADD: No.37, Area A, Qiao Ruifeng Garden, No.7 Waihuan West Road, Xiqing District, Tianjin, China TEL: 022-23739192

Shandong

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd JiNan Branch ADD : 502, Unit 3, Building 11, Luneng Kangqiao, No. 28, Sankongqiao Siréet, Tianqiao District, Jinan, Shandong TEL : 0531-85907208 FAX : 0531-8590708

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd QingDao

ADD: Room 1004, Unit 2, Building 14, Jinri Zidu, Tianshan Road, Chengyang District, Qingdao, Shandong Shandong TEL: 18663779803

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd TengZhou

Office
ADD: 13 households, row 1, Xiaokang village, Yucai Road community, Beixin street, Tengzhou City, Shandong Province
TEL: 15098706233

Hubei

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd WuHan Branch

Branch
ADD : 2003-2006, Building A, Optics Valley
International, Jiayuan Road, No.456 East Luoyu Road,
Hongshan District, Wuhan City, Hubei Province, China
TEL: 027-87638876
FAX: 027-87204137

Liaoning

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd ShenYang

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd ShenYang Branch ADD : Room 1212, Tianxin Building, 17 Jianshe West Road, Tiexi District, Shenyang City, Liaoning Province, China, China TEL : 18698806526

SYNTEC TECHNOLOGY(Suzhou)CO.,Ltd ShenYang

Branch
ADD: Room 1005, block B, Wanda Ginza, rongchuang
Mao, Binhu, Hefei, Anhui Province, China.
TEL: 0551-63814183
FAX: 0551-63814183

### LEANTEC Intelligence CO., LTD.

No.25, Yanfa 2nd Rd., East Dist., Hsinchu City 300, Taiwan

**886-3-6663505** sales@syntecclub.com.tw

**&** 886-3-6663553

2F., No.2, Jingke 3rd Rd., Nantun Dist., Taichung City 408

**886-4-23550621 886-4-23550621** 

Suzhou LEANTEC Intelligence Co., Ltd.

Building B, No.9 Chunhui Road, Suzou Industrial Park, China

**\** 86-512-69008860 🖶 86-512-65246029

service@syntecclub.com.cn







### LEANTEC ROBOT EMPOWER CNC APPLICATION





## LEANTEC ROBOT EMPOWER CNC APPLICATION

LEANTEC INTELLIGENCE

### 

Company profile / 01- 02

Robot introduction / 03-36

Trolley robots / 37-40

Robot applications / 41-46

Robot controller / 47

Cloud products / 49



### ABOUT LEANTEC

25+

50+

**NO.1** 

25-year Experience All in 1 Service 50+ Service Locations

PCbaseNo.1

Syntec' 25-year experience in the motion control R&D and service PCbase No.1

Integrated automation system one-stop service

Provide automation products & overall on-line industrial solutions, including both software and hardware

50+ Global service stations

Taiwan team independent research and development with the leading strength and cooperation with multi-brands

Complete ecosystem to ensure rapid integration

LEANTEC INTELLIGENCE ABOUT LEANTEC 01/02

Leantec Intelligence Co., Ltd. (hereinafter referred to as "Leantec Intelligence") was established in 2013 and funded by Syntec Group. Leantec Intelligence has always been committed to providing manufacturing enterprises with integrated solutions for smart manufacturing based on the Syntec control technology. The core businesses include industrial robots, cloud products (to serve smart clouds and produce smart clouds), automation system integration, various electromechanical modules and smart manufacturing supporting accessories (e.g. smart edge, smart gripper and so on). Furthermore, it aims to help companies improve their production efficiency and product quality and promote industrial upgrading.

Founded in 1995, Syntec Group has long been engaged in the research, development and manufacturing of software and hardware technology for controllers in the field of machine tools and automation tools. It is among the most influential controller brands in the Asia-Pacific market.

Leantec Intelligence, a practitioner of the intelligent manufacturing of the Syntec Group, has attracted professionals from the Syntec Group and intelligent manufacturing-related industries and is committed to providing customers with complete and professional solutions based on our understanding and accumulated knowledges in the machine tool industry and intelligent manufacturing field. Meanwhile, we aim to help enterprises achieve informatization, automation and intelligence, improve their efficiency and gain more market competition.

Our visions: Most trustworthy electronic control partner Our missions: Complete intelligent factory solution



### ROBOTINTRODUCTION

### Industrial Robot Serial Products

LEANTEC ROBOT

### EMPOWER CNC APPLICATION



## LEANTEC INTELIGENCE





### **Robot Products Overview**

### **Y Series**

**<<** 

High-precision, high-speed, lightweight, compact and small footprint design, suitable for occasions with high-precision requirements and small movement space, such as handling, palletizing, assembly, 3C and other industries.

| Type Y   | Payload(kg) | Reach(mm) | Р         | os.rep(mm) |       | Mounting              | Protection | Axes | Remark  |
|----------|-------------|-----------|-----------|------------|-------|-----------------------|------------|------|---|
|          |             |           | J1/J2(mm) | J3(mm)     | J4(°) |                       |            |      |   |
| LS400-3  | 3           | 400       | ±0.01     | ±0.01      | ±0.01 | Floor                 | IP20       | 4    | Optional standard or no electrical cabinet    |
| LS600-6  | 6           | 600       | ±0.02     | ±0.01      | ±0.01 | Floor                 | IP20       | 4    | Optional standard or<br>no electrical cabinet |
| LS900-10 | 10          | 900       | ±0.02     | ±0.01      | ±0.01 | Floor                 | IP20       | 4    | Optional standard or<br>no electrical cabinet |
| LA917-6  | 6           | 917       |           | ±0.03      | Fl    | oor, Upside-down, Ang | le IP54    | 6    | Optional standard or<br>no electrical cabinet |

### R Series



High-precision, high-speed, compact and small footprint design. With high IP rating, the robot is protected against cutting fluid and can be installed inside a machine. It is recommended for high-precision tool grinder, load and unload applications.

| Type R    | Payload(kg) | Reach(mm) | Pos.rep(mm) | Mounting                  | Protection | Axes | Remark  |
|-----------|-------------|-----------|-------------|---------------------------|------------|------|---|
| LA596-4   | 4           | 596       | ±0.02       | Floor, Upside-down, Angle | IP67       | 6    | Optional standard, hollow or no electric cabinet. |
| LA707-7   | 7           | 707       | ±0.02       | Floor, Upside-down, Angle | IP67       | 6    | Optional standard, hollow or no electric cabinet. |
| LA906-7   | 7           | 906       | ±0.03       | Floor, Upside-down, Angle | IP54/IP67  | 6    | Optional standard, hollow or no electric cabinet. |
| LA1206-10 | 10          | 1206      | ±0.05       | Floor, Upside-down, Angle | IP54       | 6    | Optional standard or no electric cabinet.         |

### **C** Series

High payload capacity and long reach. It is well suited for loading and unloading lathe/milling machines. With the additional application packages, it can meet the requirements of stamping, palletizing, polishing, welding, and cutting industries.



| Туре С    | Payload(kg) | Reach(mm) | Pos.rep(mm) | Mounting                  | Protection | Axes | Remark   |
|-----------|-------------|-----------|-------------|---------------------------|------------|------|----------|
| LA1468-10 | 10          | 1468      | ±0.08       | Floor, Upside-down, Angle | IP54       | 6    | Standard |
| LA1598-10 | 10          | 1598      | ±0.08       | Floor, Upside-down, Angle | IP54       | 6    | Standard |
| LA1717-20 | 20          | 1717      | ±0.08       | Floor, Upside-down, Angle | IP54       | 6    | Standard |
| LA2000-8  | 8           | 2000      | ±0.08       | Floor, Upside-down, Angle | IP54       | 6    | Standard |
| LA2100-60 | 60          | 2100      | ±0.2        | Floor                     | IP54       | 6    | Standard |

LEANTEC INTELLIGENCE ROBOT INTRODUCTION 05/06

### **K** Series

High-speed, High-precision, and high protection. Provide a variety of installation methods suitable for complex applications with high-precision requirements such as handling, grinding, loading and unloading, welding and other industries.



| Type K    | Payload(kg) | Reach(mm) | Pos.rep(mm) | Mounting           | Protection                        | Axes | Remark   |
|-----------|-------------|-----------|-------------|--------------------|-----------------------------------|------|----------|
| LA1460-13 | 13          | 1460      | ±0.03       | Floor, Upside-down | IP67                              | 6    | Standard |
| LA1725-20 | 20          | 1725      | ±0.04       | Floor, Upside-down | 4/5/6 axis IP67, 1/2/3 axis IP65. | 6    | Standard |

### Flexible Robot Cell Products Overview

### Double-layer trolley robot series



It could be applied for medium/small type or angle location features of machine product. The material storehouse adopts double-layers automation material tray solution, which is simple operation, strong applicability and high integrity. It could select the end actuator to work with. The material storehouse protection fence component ensures the safety for employee.

| Coordinate robot type | Robot max<br>load(kg)                     | Robot work radius(mm)                                      | Product<br>size(mm)  | Single tray<br>size(mm)  | ,   |   | uitable workpiece<br>size(mm)   | End<br>effector  |
|-----------------------|---|--|--|--|---|---|---|--|
| LA917-6               | 6   | 917  | 1700 × 600   | 570×420  | 80  | Medium/small type,<br>angle location demand   | Within 95   | Optional   |
| LA1206-10             | 10  | 1206   | 1700 × 600   | 570×420  | 80  | Medium/small type,<br>angle location demand   | Within 95   | Optional   |
| LA1468-10             | 10  | 1468   | 2400 × 850   | 800×600  | 80  | Medium/small type,<br>angle location demand   | Within 135  | Optional   |
| LA1717-10             | 20  | 1717   | 2400 × 850   | 800×600  | 80  | Medium/small type,<br>angle location demand   | Within135   | Optional   |
|                       | robot type  LA917-6  LA1206-10  LA1468-10 | robot type load(kg)  LA917-6 6  LA1206-10 10  LA1468-10 10 | robot type         load(kg)         radius(mm)           LA917-6         6         917           LA1206-10         10         1206           LA1468-10         10         1468 | robot type         load(kg)         radius(mm)         size(mm)           LA917-6         6         917         1700 × 600           LA1206-10         10         1206         1700 × 600           LA1468-10         10         1468         2400 × 850 | robot type         load(kg)         radius(mm)         size(mm)         size(mm)           LA917-6         6         917         1700 × 600         570 × 420           LA1206-10         10         1206         1700 × 600         570 × 420           LA1468-10         10         1468         2400 × 850         800 × 600 | robot type         load(kg)         radius(mm)         size(mm)         size(mm)         load(kg)           LA917-6         6         917         1700 × 600         570 × 420         80           LA1206-10         10         1206         1700 × 600         570 × 420         80           LA1468-10         10         1468         2400 × 850         800 × 600         80 | robot type         load(kg)         radius(mm)         size(mm)         load(kg)         workpiece type           LA917-6         6         917         1700 × 600         570 × 420         80         Medium/small type, angle location demand           LA1206-10         10         1206         1700 × 600         570 × 420         80         Medium/small type, angle location demand           LA1468-10         10         1468         2400 × 850         800 × 600         80         Medium/small type, angle location demand           LA1717-10         20         1717         2400 × 850         800 × 600         80         Medium/small type, angle location demand | robot type         load(kg)         radius(mm)         size(mm)         load(kg)         workpiece type         size(mm)           LA917-6         6         917         1700 × 600         570 × 420         80         Medium/small type, angle location demand         Within 95           LA1206-10         10         1206         1700 × 600         570 × 420         80         Medium/small type, angle location demand         Within 95           LA1468-10         10         1468         2400 × 850         800 × 600         80         Medium/small type, angle location demand         Within 135 |

### Rotation trolley robot series



It could be suitable for the ring, disc, pie machined product. The material storehouse adopts rotation jack-up structure with simple operation, high integrity and suitable for the large piece product. It adopts openable three-faces surrounded fence component to protect the refuel safety for employees and could work with the optional end effector.

| Туре         | Coordinate robot type | Robot max<br>load(kg) | Robot work radius(mm) | Product<br>size(mm) | Material<br>storehouse<br>station amount | Single<br>station<br>load(kg) | Suitable<br>workpiece type | Single<br>station<br>height(mm) | Suitable<br>workpiece<br>size file<br>outer circle(mm) |
|--------------|-----------------------|-----------------------|-----------------------|---------------------|--|-------------------------------|----------------------------|---------------------------------|--|
| LXC200-917Y  | LA917-6               | 6                     | 917                   | 2000×700            | 8  | 50                            | Plate, circle, pie.        | 410                             | ф25-ф160   |
| LXC200-1206R | LA1206-10             | 10                    | 1206                  | 2000×700            | 8  | 50                            | Plate, circle, pie.        | 410                             | ф25-ф160   |



### Y Series 4-axis 3KG

### LS400-3



### PRODUCT FEATURES

- High-speed and high-precision with ±0.02mm position repeatability
- Small size, lightweight, suitable for light and small loads, small workspace
- Equipped with 16I/24O and is easily expandable for more complex applications
- Equipped 8 I/O bus connections and 2 pneumatic connections inside for easy cable management

### MAIN APPLICATIONS

Handling

Asssembling

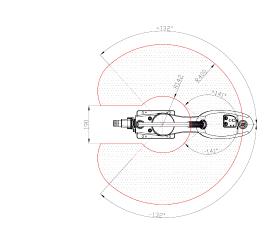
**Palletizing** 

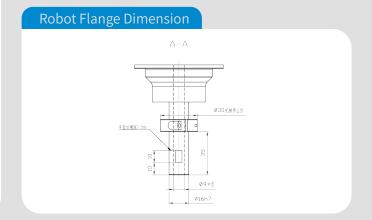
Others

LEANTEC INTELLIGENCE ROBOT INTRODUCTION 07/08

## Robot Work Envelop

## Robot Base Dimension





| No. Control Axes  | 4                 |        |        |
|-------------------|-------------------|--------|--------|
| Max Load Capacity | 3                 |        |        |
| Max. Reach (mm)   |                   |        | 400    |
|                   | J1Axis/<br>J2Axis | (mm)   | ±0.01  |
| Pos.rep           | J3 Axis           | (mm)   | ±0.01  |
|                   | J4 Axis           | (°)    | ±0.01  |
|                   | J1 Axis           | (°)    | ±132   |
|                   | J2 Axis           | (°)    | ±141   |
| Motion Range (° ) | J3 Axis           | (mm)   | 0/-170 |
|                   | J4 Axis           | (°)    | ±360   |
|                   | J1 Axis           | (°/s)  | 720    |
| Max. Speed* (°/s) | J2 Axis           | (°/s)  | 720    |
| мал. эреси ( /3)  | J3 Axis           | (mm/s) | 1100   |
|                   | J4 Axis           | (°/s)  | 2500   |

|   |            | J1 Axis                | 0.4                                       |  |  |
|---|------------|------------------------|---|--|--|
|   |            | J2 Axis                | 0.1                                       |  |  |
| Motor Output (kw)                       |            | J3 Axis                | 0.1                                       |  |  |
|   |            | J4 Axis                | 0.1                                       |  |  |
| Weight (kg)                             |            |                        | ≈13                                       |  |  |
| Installation                            |            |                        | Floor                                     |  |  |
| Levels of protection                    |            | IP20                   |   |  |  |
|   |            |                        | Ambient temperature:0~45°C                |  |  |
|   |            |                        | Ambient humidity: Normally 75 %RH or less |  |  |
|   |            |                        | (No dew. nor frost allow)                 |  |  |
| Ambient temperatu                       | re / Humid | itv /                  | Short term 90 %RH or less                 |  |  |
| Vibration                               | ,          | ,                      | (within one month)                        |  |  |
| VIDIACION                               |            |                        | Vibration acceleration:                   |  |  |
|   |            | 4.9 m/s (0.5G) or less |   |  |  |
|   | Power      | Supply                 | Single Phase 200-230VAC, 50Hz/60Hz        |  |  |
| Electronic Control<br>Box Specification | Siz        | ze                     | 380mmX510mmX305mm                         |  |  |
|   |            |                        |   |  |  |



### Y Series 4-axis 6KG

### LS600-6





### PRODUCT FEATURES

- High-speed and high-precision with ±0.03mm position repeatability
- Small size, lightweight, suitable for light and small loads, small workspace
- Equipped with 16/24 I/O and support Quick c charge of IO board, suitable for more compact and complex application
- Equipped 8 I/O bus connections and 2 pneumatic connections inside for easy cable management
- Standard option with IP54 high protection performance, suitable for complex working environment

### MAIN APPLICATIONS

Handling

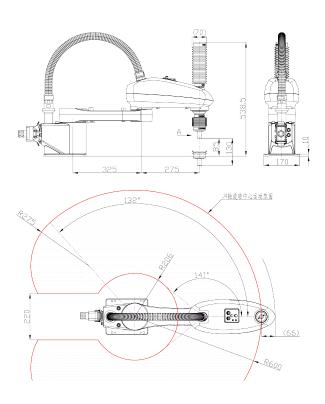
Asssembling

Palletizing

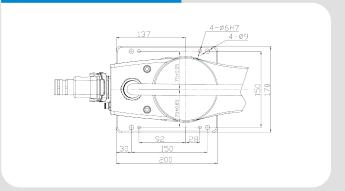
Others

LEANTEC INTELLIGENCE ROBOT INTRODUCTION 09/10

### Robot Work Envelop



### Robot Base Dimension



### Robot Flange Dimension



| No. Control Axes  | 4                 |        |        |
|-------------------|-------------------|--------|--------|
| Max Load Capacity | 6                 |        |        |
| Max. Reach (mm)   |                   |        | 600    |
|                   | J1Axis/<br>J2Axis | (mm)   | ±0.02  |
| Pos.rep           | J3 Axis           | (mm)   | ±0.01  |
|                   | J4 Axis           | (°)    | ±0.01  |
|                   | J1 Axis           | (°)    | ±132   |
|                   | J2 Axis           | (°)    | ±141   |
| Motion Range (° ) | J3 Axis           | (mm)   | 0/-130 |
|                   | J4 Axis           | (°)    | ±360   |
|                   | J1 Axis           | (°/s)  | 450    |
|                   | J2 Axis           | (°/s)  | 720    |
| Max. Speed* (°/s) | J3 Axis           | (mm/s) | 1100   |
|                   | J4 Axis           | (°/s)  | 2000   |

|                                | J1 Axis         | 0.4   |  |  |
|--------------------------------|-----------------|---|--|--|
| Motor Output (kw)              | J2 Axis         | 0.2   |  |  |
| Motor Output (kw)              | J3 Axis         | 0.1   |  |  |
|                                | J4 Axis         | 0.1   |  |  |
| Weight (kg)                    |                 | ≈17   |  |  |
| Installation                   |                 | Floor   |  |  |
| Levels of protection           |                 | IP20  |  |  |
| Ambient temperatu<br>Vibration | re / Humidity / | Ambient temperature: 0~45°C Ambient humidity: Normally 75 %RH or less (No dew. nor frost allow) Short term 90 %RH or less (within one month) Vibration acceleration: 4.9 m/s (0.5G) or less |  |  |
| Electronic Control             | Power Supply    | Single Phase 200-230VAC, 50Hz/60H   |  |  |
| Box Specification              | Size            | 380mmX510mmX305mm   |  |  |



### Y Series 4-axis 10KG

### LS900-10



### PRODUCT FEATURES

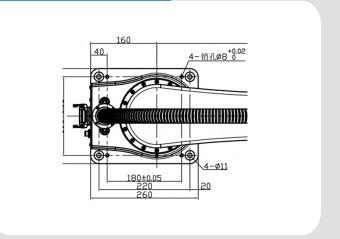
- High-speed and high-precision with ±0.03mm position repeatability
- Small size, lightweight, suitable for light and small loads, small workspace
- Equipped with 16I/24O and support Quick c charge of IO board, suitable for more precise and complex applications
- Equipped 8 I/O bus connections and 2 pneumatic connections inside for easier cable management

### MAIN APPLICATIONS Handling Asssembling Palletizing Others

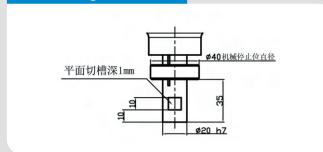
LEANTEC INTELLIGENCE ROBOT INTRODUCTION 11/12

# Robot Work Envelop

### Robot Base Dimension



### Robot Flange Dimension



| No. Control Axes  | 4                 |        |        |
|-------------------|-------------------|--------|--------|
| Max Load Capacity | 10                |        |        |
| Max. Reach (mm)   |                   |        | 900    |
|                   | J1Axis/<br>J2Axis | (mm)   | ±0.02  |
| Pos.rep           | J3 Axis           | (mm)   | ±0.01  |
|                   | J4 Axis           | (°)    | ±0.01  |
|                   | J1 Axis           | (°)    | ±125   |
|                   | J2 Axis           | (°)    | ±150   |
| Motion Range (° ) | J3 Axis           | (mm)   | 0/-300 |
|                   | J4 Axis           | (°)    | ±360   |
|                   | J1 Axis           | (°/s)  | 300    |
|                   | J2 Axis           | (°/s)  | 375    |
| Max. Speed* (°/s) | J3 Axis           | (mm/s) | 1041   |
|                   | J4 Axis           | (°/s)  | 1500   |
|                   | J4 AXIS           | (*/S)  | 1500   |

|                                |             | J1 Axis  | 0.75                               |  |  |
|--------------------------------|-------------|--|------------------------------------|--|--|
| Motor Output (kw)              |             | J2 Axis  | 0.4                                |  |  |
| •                              |             | J3 Axis  | 0.2                                |  |  |
|                                |             | J4 Axis  | 0.2                                |  |  |
| Weight (kg)                    |             |  | ≈41                                |  |  |
| Installation                   |             |  | Floor                              |  |  |
| Levels of protection           |             |  | IP20                               |  |  |
| Ambient temperatu<br>Vibration | re / Humidi | Ambient temperature: 0~45° C Ambient humidity: Normally 75 %RH or less (No dew. nor frost allow) Short term 90 %RH or less (within one month) Vibration acceleration: 4.9 m/s (0.5G) or less |                                    |  |  |
| Electronic Control             | Power S     | Supply   | Single Phase 200-230VAC, 50Hz/60Hz |  |  |
| Box Specification              | Size        |  | 380mmX510mmX305mm                  |  |  |



### Y Series 6-axis 6KG

### LA917-6

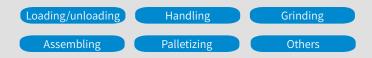




- High-speed and high-precision with ±0.03mm position repeatability
- Small size, lightweight, suitable for light and small loads, small exercise space
- Equipped with 16/24 I/O and is easily expandable for more complex applications
- Equipped with a pipeline package, 1 built-in straight quick pneumatic connection,8 built-in I/O bus connections, for easy cable management
- Optional built-in 2 (3) sets of solenoid valves, limited to easy cable management



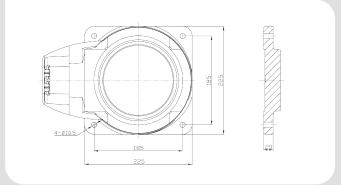
### MAIN APPLICATIONS



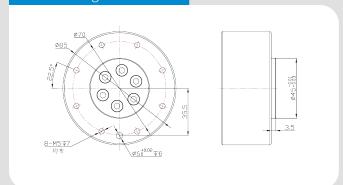
LEANTEC INTELLIGENCE ROBOT INTRODUCTION 13/14

# Robot Work Envelop

### Robot Base Dimension



### Robot Flange Dimension



| No. Control Axes |   |
|------------------|---|
|                  | 6   |
|                  | 917   |
|                  | ±0.03   |
| J1 Axis          | ±170  |
| J2 Axis          | +130/-96  |
| J3 Axis          | +65/-195  |
| J4 Axis          | ±170  |
| J5 Axis          | ±120  |
| J6 Axis          | ±360  |
| J1 Axis          | 337.5   |
| J2 Axis          | 270   |
| J3 Axis          | 375   |
| J4 Axis          | 300   |
| J5 Axis          | 375   |
| J6 Axis          | 468   |
|                  | J2 Axis J3 Axis J4 Axis J5 Axis J6 Axis J1 Axis J2 Axis J3 Axis J4 Axis J4 Axis |

|   |  | J1 Axis   | 0.75                              |
|---|--|---|-----------------------------------|
|   |  | J2 Axis   | 0.75                              |
|   |  | J3 Axis   | 0.4                               |
| Matar Output (lau)                            |  | J4 Axis   | 0.1                               |
| Motor Output (kw)                             |  | J5 Axis   | 0.1                               |
|   |  | J6 Axis   | 0.1                               |
| Weight (kg)                                   |  |   | ≈60                               |
| Installation                                  |  |   | Floor, Upside-down, Angle         |
| Levels of protection                          |  | IP54  |                                   |
| Ambient temperature / Humidity /<br>Vibration |  | Ambient temperature: 0~45°C Ambient humidity: Normally 75 %RH or less (No dew. nor frost allow) Short term 90 %RH or less (within one month) Vibration acceleration: 4.9 m/s (0.5G) or less |                                   |
| Electronic Control Box Specification S        |  | Supply  | Single Phase 200-230VAC, 50Hz/60H |
|   |  | е   | 380mmX510mmX305mm                 |



### R Series 4KG

### LA596-4

### **LA596-4H Hollow Wrist Type**





### PRODUCT FEATURES

- High-speed and high-precision with ±0.02mm position repeatability
- Equipped with 16/24 I/O and is easily expandable for more complex applications
- Standard IP67 proved long term operation in harsh environment
- Equipped with 4 quick pneumatic connections and 8 I/O bus connections
- Wrist Model allows pneumatic connections and I/O sensor cables
   be installed from the base of the flange for easy cable management
- Provide 3 mounting methods: Floor, Upside-down, and Angle mount
- Compact and small footprint design. It's suitable for light payload operations and narrow workspace

### MAIN APPLICATIONS

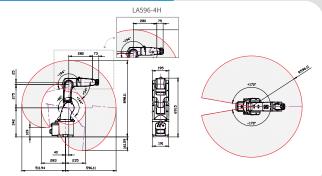
Handling Loading/Unloading Grinding

Assembling Palletizing Others

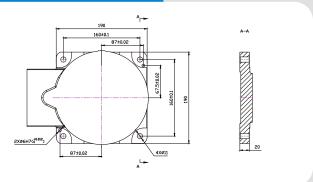


LEANTEC INTELLIGENCE ROBOT INTRODUCTION 15/16

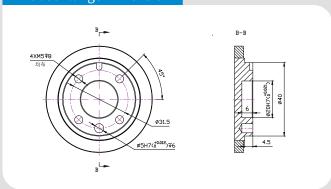
### Robot Work Envelope



### Robot Base Dimension

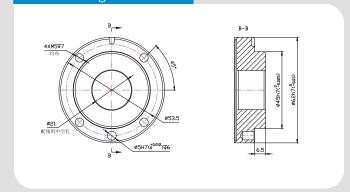


### Robot Flange Dimension



LA596-4

### Robot Flange Dimension



LA596-4H Hollow wrist type

| No. Control Axes  |         | 6          |
|-------------------|---------|------------|
| Payload (kg)      |         | 4          |
| Max. Reach (mm)   |         | 596        |
| Pos.rep(mm)       |         | ±0.02      |
|                   | J1 Axis | ±170       |
|                   | J2 Axis | +144/-80   |
| Motion Range (° ) | J3 Axis | +54/-194   |
| motion runge ( )  | J4 Axis | ±170       |
|                   | J5 Axis | ±119       |
|                   | J6 Axis | ±360       |
| Max. Speed* (°/s) | J1 Axis | 440        |
|                   | J2 Axis | 355        |
|                   | J3 Axis | 440        |
|                   | J4 Axis | 490        |
|                   | J5 Axis | 450        |
|                   | J6 Axis | 720/948(H) |

|   |  | J1 Axis  | 0.4                                |
|---|--|--|------------------------------------|
|   |  |  | 0.4                                |
| Motor Output (kw)                             |  | J3 Axis  | 0.2                                |
| Motor Output (kw)                             |  | J4 Axis  | 0.1                                |
|   |  | J5 Axis  | 0.05                               |
|   |  | J6 Axis  | 0.1                                |
| Weight (kg)                                   |  |  | ≈32                                |
| Installation                                  |  |  | Floor, Upside-down, Angle.         |
| Levels of protection                          |  | IP67   |                                    |
| Ambient temperature / Humidity /<br>Vibration |  | Ambient temperature: 0~45°C Ambient humidity: Normally 20-80 %RH or less (No dew. nor frost allow) Short term 90 %RH or less (within one month) Vibration acceleration: 4.9 m/s (0.5G) or less |                                    |
| Electronic Control Box Specification Size     |  | Supply   | Single Phase 200-230VAC, 50Hz/60Hz |
|   |  | е  | 480mm x 500mm x 280mm              |



### R Series 7KG

### LA707-7

### **LA707-7H Hollow Wrist Type**





### PRODUCT FEATURES

- High-speed and high-precision with ±0.02mm position repeatability
- Equipped with 16/24 I/O and is easily expandable for more complex applications
- Standard IP67 proved long term operation in harsh environment
- Equipped with 4 quick pneumatic connections and 8 I/O bus connections
- Hollow wrist type is selectable. It could let air pipeline and IO sensor wire internally routing from base to wrist frange, which could effectively enhance the gripper design wire winding
- Provide 3 mounting methods: Floor, Upside-down, and Angle mount
- Compact and small footprint design. It's suitable for light payload operations and narrow workspace

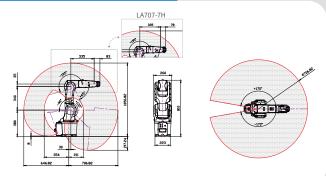
### MAIN APPLICATIONS

Loading/unloading Handling Assembling

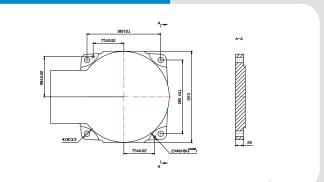
Palletizing Others

LEANTEC INTELLIGENCE ROBOT INTRODUCTION 17/18

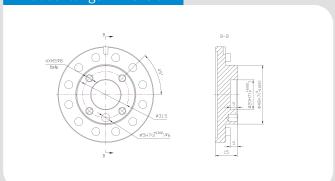
### Robot Work Envelope



### Robot Base Dimension

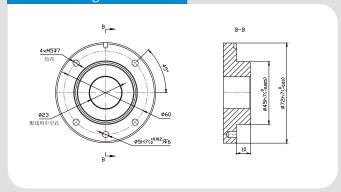


### Robot Flange Dimension



LA707-7

### Robot Flange Dimension



LA707-7H Hollow wrist type

| No. Control Axes  |         | 6          |
|-------------------|---------|------------|
| Max Load Capacity |         | 7          |
| Max. Reach (mm)   |         | 707        |
| Pos.rep(mm)       |         | ±0.02      |
|                   | J1 Axis | ±170       |
|                   | J2 Axis | +135/-96   |
| Motion Range (° ) | J3 Axis | +65/-195   |
| motion range ( )  | J4 Axis | ±170       |
|                   | J5 Axis | ±120       |
|                   | J6 Axis | ±360       |
| Max. Speed* (°/s) | J1 Axis | 440        |
|                   | J2 Axis | 355        |
|                   | J3 Axis | 440        |
|                   | J4 Axis | 480        |
|                   | J5 Axis | 450        |
|                   | J6 Axis | 705/900(H) |

|   |  | J1 Axis   | 0.75                              |
|---|--|---|-----------------------------------|
|   |  | J2 Axis   | 0.75                              |
|   |  | J3 Axis   | 0.4                               |
| Motor Output (kw)                             |  | J4 Axis   | 0.2                               |
| Motor Output (kw)                             |  | J5 Axis   | 0.1                               |
|   |  | J6 Axis   | 0.1                               |
| Weight (kg)                                   |  |   | ≈50                               |
| Installation                                  |  | Floor, Upside-down, Angle.  |                                   |
| Levels of protection                          |  | IP67  |                                   |
| Ambient temperature / Humidity /<br>Vibration |  | Ambient temperature: 0~45°C Ambient humidity: Normally 20-80%RH or less (No dew. nor frost allow) Short term 90 %RH or less (within one month) Vibration acceleration: 4.9 m/s (0.5G) or less |                                   |
| Electronic Control Box Specification Power S  |  | Supply  | Single Phase 200-230VAC 50Hz/60Hz |
|   |  | ze  | 480mm x 500mm x 280mm             |



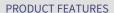
### R Series 7KG(Long arm type)

LA906-7

**LA906-7H Hollow Wrist Type** 







- Wider range of motion. The workspace is increased by 200mm from the standard mode
- High-speed and high-precision with ±0.03mm position repeatability
- Equipped with 16/24 I/O and is easily expandable for more complex applications
- Equipped with 16/24 I/O and is easily expandable for more complex applications
- Equipped with 4 quick pneumatic connections and 8 I/O bus connections
- Hollow wrist model allows air hoses and I/O sensor cables be installed from the base of the flange for easy cable management
- Provide 3 mounting methods: Floor, Upside-down, and Angle mount
- Compact and small footprint design. It's suitable for light payload operations and narrow workspace.

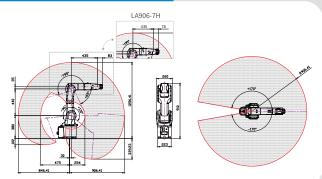
### MAIN APPLICATIONS



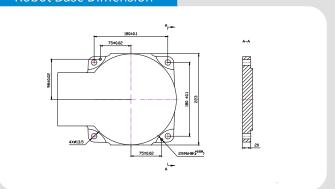


LEANTEC INTELLIGENCE ROBOT INTRODUCTION 19/20

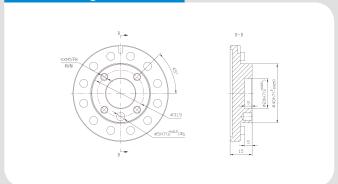
### Robot Work Envelope



### **Robot Base Dimension**

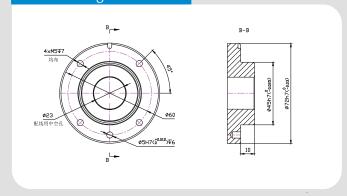


### Robot Flange Dimension



LA906-7

### Robot Flange Dimension



LA906-7H Hollow Wrist Type

| No. Control Axes  |         | 6          |
|-------------------|---------|------------|
| Max Load Capacity |         | 7          |
| Max. Reach (mm)   |         | 906        |
| Pos.rep(mm)       |         | ±0.03      |
|                   | J1 Axis | ±170       |
|                   | J2 Axis | +130/-96   |
| Motion Range (° ) | J3 Axis | +65/-195   |
| motion runge ( )  | J4 Axis | ±170       |
|                   | J5 Axis | ±120       |
|                   | J6 Axis | ±360       |
| Max. Speed* (°/s) | J1 Axis | 355        |
|                   | J2 Axis | 355        |
|                   | J3 Axis | 355        |
|                   | J4 Axis | 480        |
|                   | J5 Axis | 450        |
|                   | J6 Axis | 705/900(H) |

|   |                   | J1 Axis  | 0.75                              |
|---|-------------------|--|-----------------------------------|
|   |                   | J2 Axis  | 0.75                              |
| Motor Output (kw)                             |                   | J3 Axis  | 0.4                               |
| wotor Output (kw)                             |                   | J4 Axis  | 0.2                               |
|   |                   | J5 Axis  | 0.1                               |
|   |                   | J6 Axis  | 0.1                               |
| Weight (kg)                                   |                   |  | ≈52                               |
| Installation                                  |                   | Floor, Upside-down, Angle  |                                   |
| Levels of protection                          |                   | Standard option IP54, optional IP67  |                                   |
| Ambient temperature / Humidity /<br>Vibration |                   | Ambient temperature: 0~45°C Ambient humidity: Normally 20-80 %RH or less (No dew. nor frost allow) Short term 90 %RH or less (within one month) Vibration acceleration: 4.9 m/s (0.5G) or less |                                   |
| Electronic Control                            | Power Supply Size |  | Single Phase 200-230VAC 50Hz/60Hz |
| Box Specification                             |                   |  | Specification                     |



### R Series 10KG

### LA1206-10



### PRODUCT FEATURES

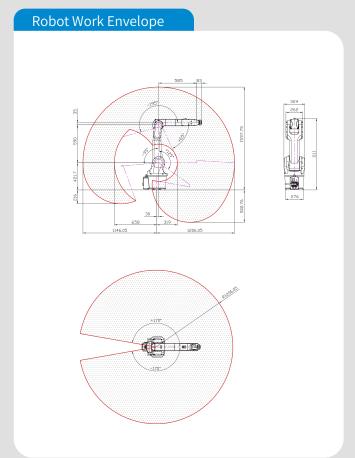
- $\hbox{\bf W} ider \, range \, of \, motion, \, high-speed \, and \, high-precision \, with \, \pm 0.05 mm \\ position \, repeatability$
- Equipped with 16/24 I/O and is easily expandable for more complex applications
- Equipped with 4 quick pneumatic connections and 8 I/O bus connections
- Provide 3 mounting methods: Floor, Upside-down, and Angle mount
- Compact and small footprint design. It's suitable for light payload operations and narrow workspace

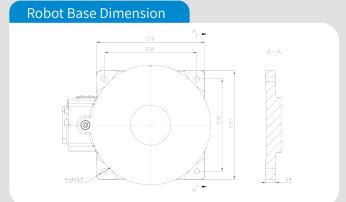


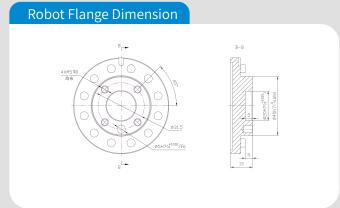
### MAIN APPLICATIONS



LEANTEC INTELLIGENCE ROBOT INTRODUCTION 21/22







| No. Control Axes  | 6       |          |
|-------------------|---------|----------|
| Max Load Capacity |         | 10       |
| Max. Reach (mm)   |         | 1206     |
| Pos.rep(mm)       |         | ±0.05    |
|                   | J1 Axis | ±170     |
|                   | J2 Axis | +125/-95 |
|                   | J3 Axis | +65/-195 |
| Motion Range (° ) | J4 Axis | ±170     |
|                   | J5 Axis | ±120     |
|                   | J6 Axis | ±360     |
| Max. Speed* (°/s) | J1 Axis | 297      |
|                   | J2 Axis | 223      |
|                   | J3 Axis | 220      |
|                   | J4 Axis | 480      |
|                   | J5 Axis | 360      |
|                   | J6 Axis | 705      |

|   |              | J1 Axis  | 1                                |
|---|--------------|--|----------------------------------|
|   |              | J2 Axis  | 1                                |
| Motor Output (kw)                             |              | J3 Axis  | 0.4                              |
| wotor output (kw)                             |              | J4 Axis  | 0.2                              |
|   |              | J5 Axis  | 0.1                              |
|   |              | J6 Axis  | 0.1                              |
| Weight (kg)                                   |              |  | ≈76                              |
| Installation                                  |              |  | Floor, Upside-down, Angle        |
| Levels of protection                          |              | IP54   |                                  |
| Ambient temperature / Humidity /<br>Vibration |              | Ambient temperature: 0~45. C Ambient humidity: Normally 20-80%RH or less (No dew. nor frost allow) Short term 90 %RH or less (within one month) Vibration acceleration: 4.9 m/s (0.5G) or less |                                  |
|   | Power Supply |  | Single Phase 200-230VAC 50Hz/60H |
| Electronic Control<br>Box Specification       | Size         |  | 480mm x 500mm x 280mm            |



### C Series 10KG

### LA1468-10



### PRODUCT CHARACTERISTICS

- Suitable for light and medium payload operations in wide range of applications
- Equipped with 16/24 I/O, 2 interfaces and 1 interface is easily expandable for more complex applications
- Equipped 6 I/O bus connections inside for easier cable management
- Provide 3 mounting methods: Floor, Upside-down and Angle mount

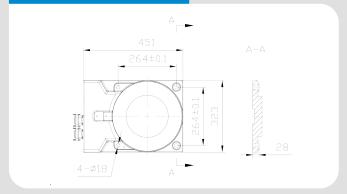
### MAIN APPLICATIONS Loading/unloading Welding Assembling



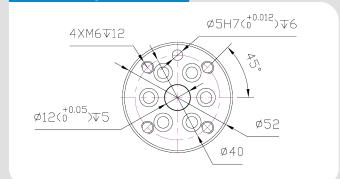
LEANTEC INTELLIGENCE ROBOT INTRODUCTION 23/24

## Robot Work Envelope 121.5 12

### Robot Base Dimension



### Robot Flange Dimension



| No. Control Axes   |                   | 6        |
|--------------------|-------------------|----------|
| Max Load Capacity  | Max Load Capacity |          |
| Max. Reach (mm)    |                   | 1468     |
| Pos.rep(mm)        |                   | ±0.08    |
|                    | J1 Axis           | ±165     |
|                    | J2 Axis           | +140/-90 |
| M 1 D (0)          | J3 Axis           | +85/-135 |
| Motion Range (° )  | J4 Axis           | ±180     |
|                    | J5 Axis           | ±129     |
|                    | J6 Axis           | ±360     |
| Max. Speed* (° /s) | J1 Axis           | 200      |
|                    | J2 Axis           | 134      |
|                    | J3 Axis           | 268      |
|                    | J4 Axis           | 260      |
|                    | J5 Axis           | 250      |
|                    | J6 Axis           | 443      |

|   |      | J1 Axis  | 1.5  |                       |
|---|------|----------|--|-----------------------|
|   |      | J2 Axis  | 1.5  |                       |
| Motor Output (kw)                             |      |          | J3 Axis  | 0.75                  |
| Motor Output (kw)                             |      |          | J4 Axis  | 0.2                   |
|   |      |          | J5 Axis  | 0.2                   |
|   |      |          | J6 Axis  | 0.2                   |
| Weight (kg)                                   |      |          |  | ≈158                  |
| Installation                                  |      |          | Floor, Upside-down, Angle  |                       |
| Levels of protection                          |      |          | IP54   |                       |
| Ambient temperature / Humidity /<br>Vibration |      |          | Ambient temperature: 0~45。C<br>Ambient humidity:<br>Normally 75 %RH or less<br>(No dew. nor frost allow)<br>Short term 90 %RH or less<br>(within one month)<br>Vibration acceleration:<br>4.9 m/s (0.5G) or less |                       |
| Power Sup                                     |      | upply    | 1/3PH, 200-230VAC, 50Hz/60H  |                       |
| Box Specification   Size                      | Sta  | andard   | 580mm×460mm×870mm  |                       |
|   | 3126 | Optional |  | 480mm x 500mm x 280mm |



### C Series 10KG(Long arm type)

### LA1598-10



### PRODUCT CHARACTERISTICS

- Suitable for light load and medium load operations wide range of arm span
- Equipped with 16 I interfaces, 24 O interfaces, 2 DA interfaces and 1 AD interface to support quick c charges of IO board
- Equipped 6 I/O bus connections inside for easy cable management
- Provide 3 mounting methods: Floor, Upside-down and Angle mount and Angle mount



Loading/unloading

Handling

Welding

Assembling

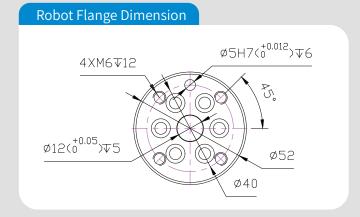
Others



LEANTEC INTELLIGENCE ROBOT INTRODUCTION 25/26

# Robot Work Envelope 655.65 121.5 125.99 1265\* 127.5 127.5 128.99 128.99 129.99

### 



| No. Control Axes  | 6       |          |
|-------------------|---------|----------|
| Max Load Capacity | 10      |          |
| Max. Reach (mm)   |         | 1598     |
| Pos.rep(mm)       |         | ±0.08    |
|                   | J1 Axis | ±165     |
|                   | J2 Axis | +130/-90 |
|                   | J3 Axis | +85/-130 |
| Motion Range (° ) | J4 Axis | ±180     |
|                   | J5 Axis | ±129     |
|                   | J6 Axis | ±360     |
| Max. Speed* (°/s) | J1 Axis | 200      |
|                   | J2 Axis | 134      |
|                   | J3 Axis | 268      |
|                   | J4 Axis | 260      |
|                   | J5 Axis | 250      |
|                   | J6 Axis | 443      |

|   |      | J1 Axis     | 1.5   |                              |
|---|------|-------------|---|------------------------------|
|   |      | J2 Axis     | 1.5   |                              |
| Motor Output (kw)                             | )    |             | J3 Axis   | 0.75                         |
| motor output (m)                              | ` '  |             | J4 Axis   | 0.2                          |
|   |      |             | J5 Axis   | 0.2                          |
|   |      |             | J6 Axis   | 0.2                          |
| Weight (kg)                                   |      |             |   | ≈195                         |
| Installation                                  |      |             | Floor, Upside-down, Angle.  |                              |
| Levels of protection                          |      |             | IP54  |                              |
| Ambient temperature / Humidity /<br>Vibration |      |             | Ambient temperature: 0~45°C Ambient humidity: Normally 75 %RH or less (No dew. nor frost allow) Short term 90 %RH or less (within one month) Vibration acceleration: 4.9 m/s (0.5G) or less |                              |
|   |      | ower Supply |   | 1/3PH, 200-230VAC, 50Hz/60Hz |
| Electronic Control<br>Box Specification       | Size |             | andard  | 580mm×460mm×870mm            |
| 20x opcomounon                                |      |             | ptional   | 480mm x 500mm x 280mm        |



### C Series 20KG

### LA1717-20



### PRODUCT CHARACTERISTICS

- Suitable for light load and medium load operations, wide range of arm span is suitable for a wide range of applications
- Equipped with 16 I/24 O interfaces, 2 DA interfaces and 1AD interface, supporting quick charges of IO board
- Equipped 6 I/O bus connections inside for easy cable management
- Provide 3 mounting methods: Floor, Upside-down and Angle mount



### MAIN APPLICATIONS

Loading/unloading

Handling

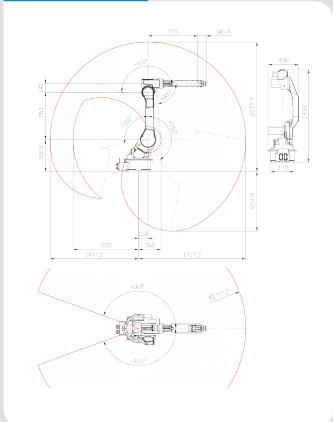
Welding

Assembling

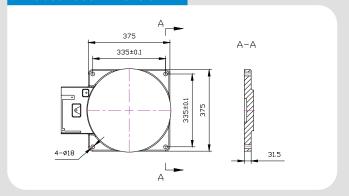
Others

LEANTEC INTELLIGENCE ROBOT INTRODUCTION 27/28

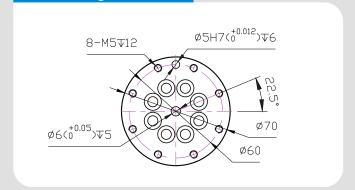
### Robot workspace



### Robot Base Dimension



### Robot Flange Dimension



| No. Control Axes  | 6       |           |
|-------------------|---------|-----------|
| Max Load Capacity | 20      |           |
| Max. Reach (mm)   |         | 1717      |
| Pos.rep(mm)       |         | ±0.08     |
|                   | J1 Axis | ±160      |
|                   | J2 Axis | +150/-100 |
| Motion Range (° ) | J3 Axis | +85/-160  |
| motion runge ( )  | J4 Axis | ±180      |
|                   | J5 Axis | ±130      |
|                   | J6 Axis | ±360      |
| Max. Speed* (°/s) | J1 Axis | 147       |
|                   | J2 Axis | 101       |
|                   | J3 Axis | 134       |
|                   | J4 Axis | 200       |
|                   | J5 Axis | 321       |
|                   | J6 Axis | 319       |

|   |              | J1     | Axis  | 1.5                          |
|---|--------------|--------|---|------------------------------|
|   | J2           | Axis   | 2   |                              |
| Mata a Outro t (local                         |              | J3     | Axis  | 1.5                          |
| Motor Output (kw)                             |              | J4     | Axis  | 0.4                          |
|   |              | J5     | Axis  | 0.2                          |
|   | J6           | Axis   | 0.2   |                              |
| Weight (kg)                                   |              |        |   | ≈270                         |
| Installation                                  |              |        | Floor, Upside-down, Angle.  |                              |
| Levels of protection                          |              |        | IP54  |                              |
| Ambient temperature / Humidity /<br>Vibration |              |        | Ambient temperature: 0~45°C Ambient humidity: Normally 75 %RH or less (No dew. nor frost allow) Short term 90 %RH or less (within one month) Vibration acceleration: 4.9 m/s (0.5G) or less |                              |
|   | Power Supply |        |   | 1/3PH, 200-230VAC, 50Hz/60Hz |
| Electronic Control<br>Box Specification       | Size         | Standa | rd  | 580mm×460mm×870mm            |
|   | Size         | Option | otional 480mm x 500mm x 280mm   |                              |



### C Series 8KG(Long arm type)

### LA2000-8





### PRODUCT CHARACTERISTICS

- Suitable for welding and loading/unloading light payload with extended reach design
- Equipped with 16 I interfaces, 24 O interfaces,
   2 DA interfaces and 1 interface supporting quick c charges of IO board
- Equipped 6 I/O bus connections inside for easy cable management
- Provide 3 mounting methods: Floor, Upside-down, and Angle mount

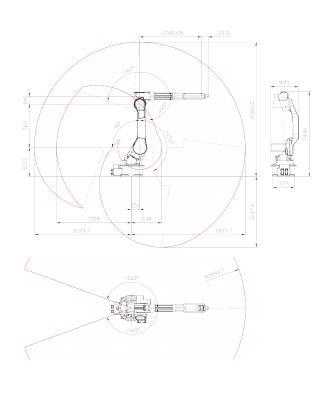
### MAIN APPLICATIONS

Loading/unloading Handling Welding

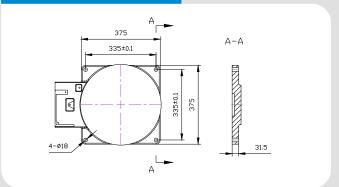
Assembling Others

29/30

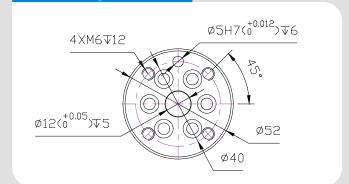
Robot Work Envelope



### Robot Base Dimension



### Robot Flange Dimension



| No. Control Axes  | 6       |          |
|-------------------|---------|----------|
| Max Load Capacity | 8       |          |
| Max. Reach (mm)   |         | 2000     |
| Pos.rep(mm)       |         | ±0.08    |
|                   | J1 Axis | ±160     |
|                   | J2 Axis | +150/-90 |
| Motion Range (° ) | J3 Axis | +85/-160 |
| Motion Range ( )  | J4 Axis | ±180     |
|                   | J5 Axis | ±129     |
|                   | J6 Axis | ±360     |
| Max. Speed* (°/s) | J1 Axis | 147      |
|                   | J2 Axis | 101      |
|                   | J3 Axis | 134      |
|                   | J4 Axis | 200      |
|                   | J5 Axis | 250      |
|                   | J6 Axis | 443      |

| Motor Output (kw)                             |          |         | J1 Axis   | 1.5                   |
|---|----------|---------|---|-----------------------|
|   |          | J2 Axis | 2   |                       |
|   |          | J3 Axis | 1.5   |                       |
| motor output (m)                              | ′        |         | J4 Axis   | 0.4                   |
|   |          |         | J5 Axis   | 0.2                   |
|   |          | J6 Axis | 0.2   |                       |
| Weight (kg)                                   |          |         |   | ≈270                  |
| Installation                                  |          |         | Floor, Upside-down, Angle   |                       |
| Levels of protection                          |          |         | IP54  |                       |
| Ambient temperature / Humidity /<br>Vibration |          |         | Ambient temperature: 0~45°C Ambient humidity: Normally 75 %RH or less (No dew. nor frost allow) Short term 90 %RH or less (within one month) Vibration acceleration: 4.9 m/s (0.5G) or less |                       |
| Power Su                                      |          | pply    | 1/3PH, 200-230VAC, 50Hz/60H   |                       |
| Electronic Control<br>Box Specification       | Size ——— |         | andard  | 580mm×460mm×870mm     |
| ·   |          |         | otional   | 480mm x 500mm x 280mm |



### C Series 60KG

LA2100-60



### PRODUCT CHARACTERISTICS

- Suitable for heavy payload, large workpiece with wide range of arm span
- Equipped with 16 I interfaces, 24 O interfaces,
   2 DA interfaces and 1 interface, support quick expansion of IO board



### MAIN APPLICATIONS

Loading/unloading

Handling

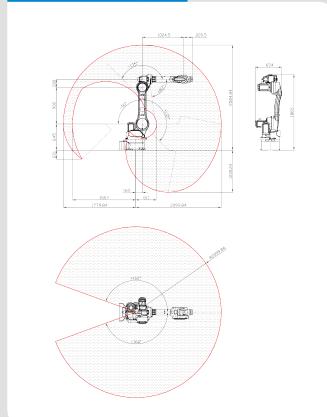
Grinding

Assembling

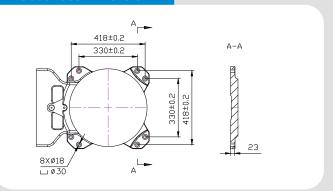
Others

LEANTEC INTELLIGENCE ROBOT INTRODUCTION 31/32

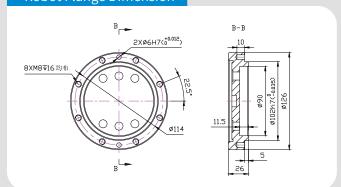
### Robot Work Envelope



### Robot Base Dimension



### Robot Flange Dimension



| No. Control Axes  | 6       |           |
|-------------------|---------|-----------|
| Max Load Capacity | 60      |           |
| Max. Reach (mm)   |         | 2100      |
| Pos.rep(mm)       |         | ±0.2      |
|                   | J1 Axis | ±160      |
|                   | J2 Axis | +135/-90  |
| Motion Range (° ) | J3 Axis | +82/-135  |
| motion range ( )  | J4 Axis | ±180      |
|                   | J5 Axis | +125/-105 |
|                   | J6 Axis | ±360      |
| Max. Speed* (°/s) | J1 Axis | 133       |
|                   | J2 Axis | 105       |
|                   | J3 Axis | 105       |
|                   | J4 Axis | 348       |
|                   | J5 Axis | 198       |
|                   | J6 Axis | 298       |

|   |                     | J1 Axis | 3   |
|---|---------------------|---------|---|
|   |                     | J2 Axis | 5.5   |
| Motor Output (kw)                             |                     | J3 Axis | 3   |
| motor output (KW)                             |                     | J4 Axis | 1.5   |
|   |                     | J5 Axis | 0.75  |
|   |                     | J6 Axis | 0.75  |
| Weight (kg)                                   |                     |         | ≈780  |
| Installation                                  |                     |         | Floor   |
| Levels of protection                          |                     |         | IP54  |
| Ambient temperature / Humidity /<br>Vibration |                     |         | Ambient temperature: 0~45°C Ambient humidity: Normally 75 %RH or less (No dew. nor frost allow) Short term 90 %RH or less (within one month) Vibration acceleration: 4.9 m/s (0.5G) or less |
| Electronic Control                            | ontrol Power Supply |         | ThreePhase 380VAC, 50Hz/60H   |
| Box Specification                             | Size                |         | 600mm x 570mm x 970mm   |



# K Series 13KG

LA1460-13



#### PRODUCT CHARACTERISTICS

- High-speed and high-precision with ±0.03mm position repeatability
- Compact machine and large arm range provide multiple installation methods
- Equipped with 16I/24O, supports quick expansion of IO board
- High IP rating of IP67 protection

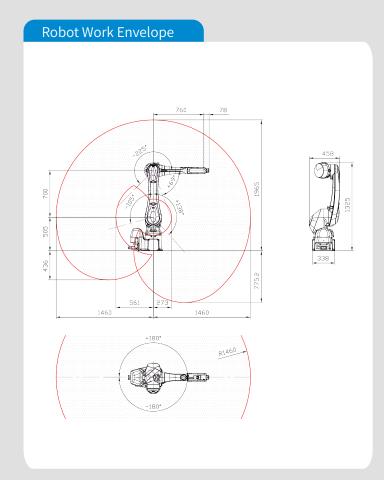


#### MAIN APPLICATIONS

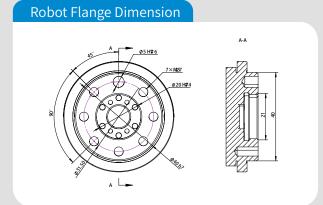
Loading/unloading Handling Grinding

Assembling Others

LEANTEC INTELLIGENCE ROBOT INTRODUCTION 33/34



# 



#### PRODUCT PARAMETERS

| No. Control Axes  |         | 6         |  |
|-------------------|---------|-----------|--|
| Max Load Capacity |         | 13        |  |
| Max. Reach (mm)   |         | 1460      |  |
| Pos.rep(mm)       |         | ±0.03     |  |
| Motion Range (° ) | J1 Axis | ±180      |  |
|                   | J2 Axis | +138/-105 |  |
|                   | J3 Axis | +69/-225  |  |
|                   | J4 Axis | ±200      |  |
|                   | J5 Axis | +125      |  |
|                   | J6 Axis | ±360      |  |
| Max. Speed* (°/s) | J1 Axis | 265       |  |
|                   | J2 Axis | 250       |  |
|                   | J3 Axis | 265       |  |
|                   | J4 Axis | 475       |  |
|                   | J5 Axis | 475       |  |
|                   | J6 Axis | 730       |  |

| Motor Output (kw)                             |              | J1 Axis   | 1.5                          |  |
|---|--------------|---|------------------------------|--|
|   |              | J2 Axis   | 1.5                          |  |
|   |              | J3 Axis   | 0.75                         |  |
|   |              | J4 Axis   | 0.2                          |  |
|   |              | J5 Axis   | 0.2                          |  |
|   |              | J6 Axis   | 0.2                          |  |
| Weight (kg)                                   |              | ≈170  |                              |  |
| Installation                                  |              | Floor, upside-down  |                              |  |
| Levels of protection                          |              | IP67  |                              |  |
| Ambient temperature / Humidity /<br>Vibration |              | Ambient temperature: 0~45°C Ambient humidity: Normally 75 %RH or less (No dew. nor frost allow) Short term 90 %RH or less (within one month) Vibration acceleration: 4.9 m/s (0.5G) or less |                              |  |
| Electronic Control                            | Power Supply |   | 1/3PH, 200-230VAC, 50Hz/60Hz |  |
| Box Specification                             | Size         |   | 580mm×460mm×870mm            |  |



# K Series 20KG

LA1725-20



#### PRODUCT CHARACTERISTICS

- High-speed and high-precision with  $\pm 0.04$ mm position repeatability
- Compact machine and large arm range provide multiple installation methods
- Equipped with 16I/24O, supports quick expansion of IO board
- Basement IP65 protection with wrist to IP67 high protection



#### MAIN APPLICATIONS

Loading/unloading

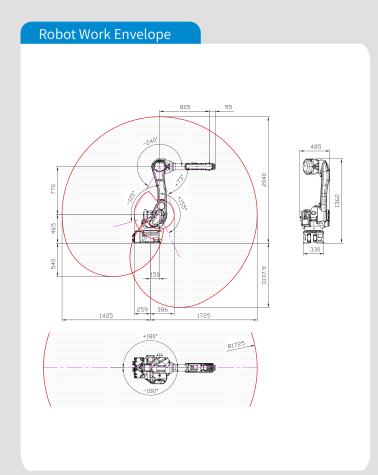
Handling

Grinding

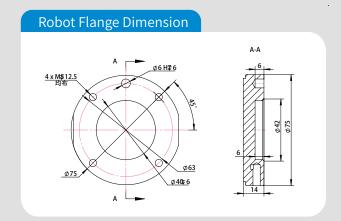
Assembling

Others

LEANTEC INTELLIGENCE ROBOT INTRODUCTION 35/36



# 



#### PRODUCT PARAMETERS

| No. Control Axes   |         | 6         |  |
|--------------------|---------|-----------|--|
| Max Load Capacity  |         | 20        |  |
| Max. Reach (mm)    |         | 1725      |  |
| Pos.rep(mm)        |         | ±0.04     |  |
| Motion Range (° )  | J1 Axis | ±180      |  |
|                    | J2 Axis | +155/-105 |  |
|                    | J3 Axis | +73/-240  |  |
|                    | J4 Axis | ±270      |  |
|                    | J5 Axis | +145      |  |
|                    | J6 Axis | ±360      |  |
| Max. Speed* (° /s) | J1 Axis | 190       |  |
|                    | J2 Axis | 205       |  |
|                    | J3 Axis | 210       |  |
|                    | J4 Axis | 400       |  |
|                    | J5 Axis | 360       |  |
|                    | J6 Axis | 610       |  |

|  |              | J1 Axis                            | 2   |  |
|--|--------------|------------------------------------|---|--|
| Motor Output (kw)                          |              | J2 Axis                            | 2   |  |
|  |              | J3 Axis                            | 0.675   |  |
|  |              | J4 Axis                            | 0.2   |  |
|  |              | J5 Axis                            | 0.2   |  |
|  |              | J6 Axis                            | 0.2   |  |
| Weight (kg)                                |              |                                    | ≈230  |  |
| Installation                               |              | Floor, Upside-down                 |   |  |
| Levels of protection                       |              | Wrist part : IP67 Base part : IP65 |   |  |
| Ambient temperature / Humidity / Vibration |              |                                    | Ambient temperature: 0~45°C Ambient humidity: Normally 75 %RH or less (No dew. nor frost allow) Short term 90 %RH or less (within one month) Vibration acceleration: 4.9 m/s (0.5G) or less |  |
| Electronic Control                         | Power Supply |                                    | 1/3PH, 200-230VAC, 50Hz/60Hz  |  |
| Box Specification                          | Size         |                                    | 580mm×460mm×870mm   |  |



# Double-layer trolley robot

#### LXC100-917Y

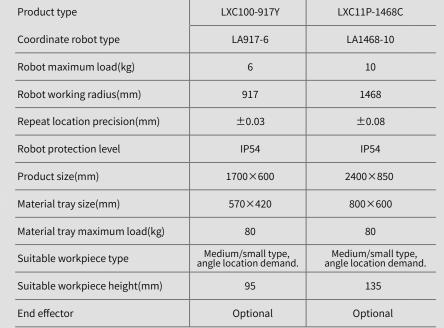
#### LXC11P-1468C



#### PRODUCT CHARACTERISTICS

- Adopt flexible moving design. The equipment could lock to casters and fixed bracket, so the robot could achieve rapid deployment.
- Equipped with double layer material storehouse controlling button and safety fence could ensure staff safe production.
- Only one Ethernet cable or IO mutual insert connector could achieve equipment and machine communication.
- Only testing communication signal and teaching pick&place point could spare on-site tuning time, which provides rapid production availability.
- Rapidly moving station or changing processing product based on production plan, achieve changeover production demands.
- Add new workpiece processing could achieve continuous production without shutdown the robot and machine.







MAIN APPLICATIONS

Milling machine Machine center

Lathe

Tapping machine

Others

# Rotation trolley robot series

LXC200-917Y

LXC200-1206C







- Adopt flexible moving design. The equipment could lock to caster and fixed bracket, so the robot could achieve rapid deployment.
- Equipped with rotation material storehouse controlling button, surrounded protection fence and three faces openable could ensure staff changeover safety.
- Only one Ethernet cable or IO mutual insert connector could achieve equipment and machine communication.
- Only testing communication signal and teaching pick&place point could spare on-site tuning time, which provides rapid production availability.
- Rapidly tuning material storehouse station size to match different products, achieving changeover production demands.
- Add new workpiece processing could achieve continuous production without shutdown the robot and machine.



| Product type                                | LXC200-917Y         | LXC200-1206C        |
|---|---------------------|---------------------|
| Coordinate robot type                       | LA917-6             | LA1206-10           |
| Robot maximum load(kg)                      | 6                   | 10                  |
| Robot working radius(mm)                    | 917                 | 1206                |
| Repeat location precision(mm)               | ±0.03               | ±0.05               |
| Robot protection level                      | IP54                | IP54                |
| Product size(mm)                            | 2000 X 700          | 2000 X 700          |
| Matching workpiece size(mm)                 | Outer circle 25-160 | Outer circle 25-160 |
| Material storehouse station amount          | 8 station           | 8 station           |
| Material storehouse single station load(kg) | 50                  | 50                  |
| Single station height(mm)                   | 410                 | 410                 |
| Material station transmission               | chain transmission  | chain transmission  |
| End effector                                | optional            | optional            |



MAIN APPLICATIONS

Milling

Machine center

Lathe

Tapping machine

Others



# The secret of cost reduction and effect increase

Compact modularization design achieves rapid and flexible deployment.



# 30 minutes

Rapid Deployment

# 10 minutes

Rapid Changeover



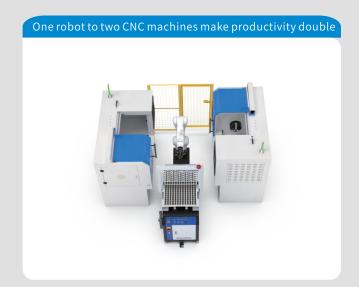
| Timing PK                            | Deployment | Changeover |
|--------------------------------------|------------|------------|
| LEANTEC Flexible robot cell products | 30 mins    | 10 mins    |
| Traditional robot pick and place     | >12 hrs    | >3 hrs     |

Optional multiple material storehouse modules could match different workpiece and equipment.

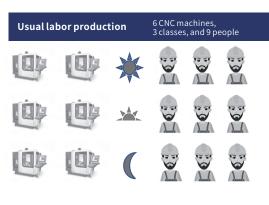
LEANTEC INTELLIGENCE ROBOT APPLICATIONS 39/40

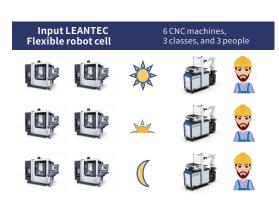
#### One CNC - One Robot integration smart production





#### Labor cost comparison





labor cost: about 150,000 USD/one year. labor cost: about 50,000 USD/one year.

#### Activation battle

**Common labor production** 

5 days, 8 hours per day



Input LEANTEC
Flexible robot cell production
7 days, 24 hours per day

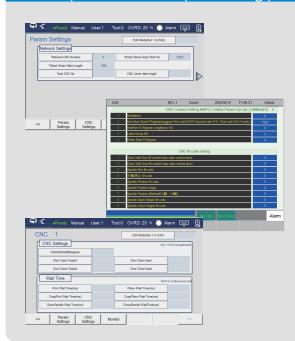




# **ROBOT APPLICATIONS**

# Lathe & machining pick and place

#### CNC rapid connection processing package



- Rapid communication: network connection. Be online by parameter setting
- Wiring reduction: Reduce entity wire usage. Spare cost and easy problem inspection.
- Rapid start: standard packaged software reduces the tuning threshold.
- Easy maintenance: Standardize the process for easy teaching and maintaining



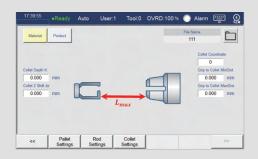


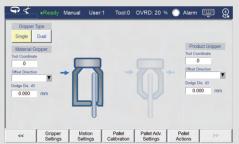


LEANTEC INTELLIGENCE ROBOT APPLICATIONS 41/42

# Tool grinder pick and place

#### Grinder pick and place processing package





- Rapid communication: Easy align the pick and place position of the clamp end, and change the parameters by parameterizing the clamp.
- Support multi-segment discharge and multi-segment pickup to avoid jamming.
- Compatible gripper: The pick and place on the tray is parameterization. It is compatible to single open/double open gripper.
- Reduction of calibration points: one debugging instruction, no need for point correction after changing the material tray
- Multi-scene adaptation: free setting of material pick-up direction and avoidance distance to meet various usage scenarios.









# **ROBOT APPLICATIONS**

# **Robot Welding**

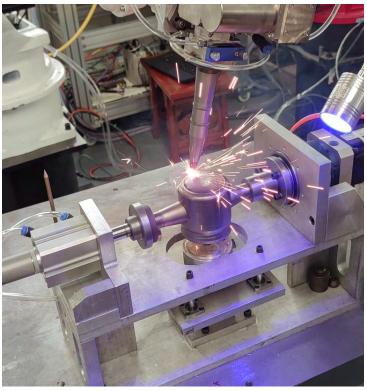
#### Electrical welding and lazer welding process packages





- Complete Process: complete welding command, including weaving, intermittent welding to meet different processing demands.
- Fast tuning: The process supports document preservation for its tuning and inheriting.
- Special process: Support time power and speed laser function, precise control.
- Open and close the light power to avoid over-soldering problems.

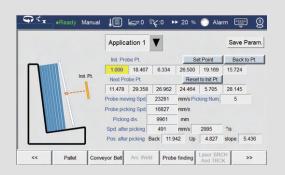




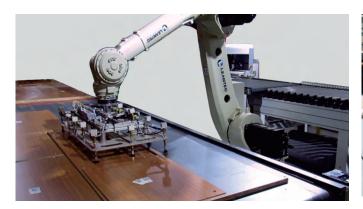
LEANTEC INTELLIGENCE ROBOT APPLICATIONS 43/44

# Woodworking & Glass Industry Pick and Place

# Material pick and place process package



- Complete Process: The process including: Exploring and gather materials. Seek edge deposit.
- Fast tuning: The process document could be preserved based on group number for process tuning and copying.
- Reduce calibration: Change material storehouse without re-calibrate. Different size material only needs a little tutor
- Multiple work piece adjusting: Meet different size type processing requirements.







# **ROBOT APPLICATIONS**

#### Flexible robot cell pick and place solution

#### **Solution Description**

Suitable case: mechanical processing industry machine upper/down material application.

**Automatic element:** articulated robot, automatic storehouse, end side actuator, reverse mechanism, remote tool conversations, the cloud monitor, etc.

- Rapid deployment: The trolley product adopts flexible moving design and equipped with caster and fixed bracket, achieving the rapid deployment.
- Rapid communication: Only one cable or IO mutual insert connector could achieve communication between equipment and machine.
- Non-shutdown production: Process new workpiece without shutdown the robot and machine, achieving non-shutdown production.
- Software function: Equipped with torsion limit function. Provide fast connection processing package or remote tool compensation function for SYNTEC machine system.













LEANTEC INTELLIGENCE ROBOT APPLICATIONS 45/46

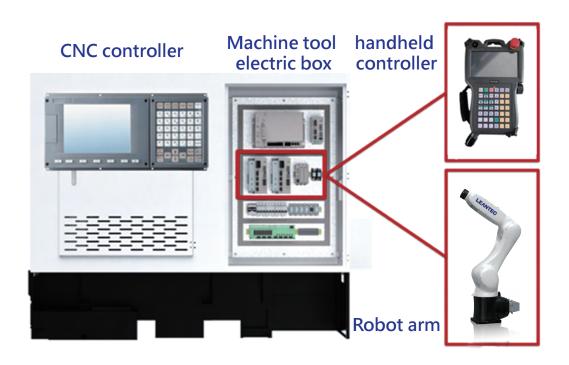
#### No electrical cabinet solution

#### **Solution Description**

#### Adaption type:

Y series:LS400-3N, LS600-4N, LS900-10N, LA917-6N; R series:LA596-4N, LA707-7N, LA906-7N, LA1206-10N;

- Wide range: Multiple arms with wide cover of arm expansion, meet the personalized needs.
- Cost reduction: Spare the arm cabinet metal plate and part electrical components, reducing purchase and maintain cost.
- Simple structure: Standard equipped with a robot arm and robot arm electronic controller is merged into machine electrical box. The body would be installed in advance.
- Complete service system: Complete customer service system. One station service and resolve, reduce the customer entry threshold.





# ROBOT CONTROLLER







# Teaching Pendant controller

| Item                | Specifications   |  |
|---------------------|--|--|
| Displayed language  | CHT/CHS/English(E)7kg  |  |
| Number of axes      | Standard configuration of 4 axes (expandable up to 12 axes). |  |
| Operation method    | Touchscreen, Button Operation.                               |  |
| Ram                 | 4GB, Unlimited Number of Program                             |  |
| Servo communication | M3 Bus, EtherCAT Bus.  |  |
| External interface  | USB*1  |  |

| Item                   | Specification  |  |  |
|------------------------|--|--|--|
| Operation buttons      | Operator Panel, Emergency Stop, Mode<br>Selector Switch, Safety Switch, MPG. |  |  |
| Cable Length           | 10M/17M  |  |  |
| Protection Level       | IP65   |  |  |
| Ambient temperature    | 10°C~50°C  |  |  |
| Environmental humidity | / -20%~90%, No Condensation  |  |  |
| Physical Dimensions    | 340x207x78mm   |  |  |
|                        |  |  |  |

# FC-DI/DO/LWM

| Item                     | Specification (DI)          | Specification (DO)            | Specification (FC-LWM)   |
|--------------------------|-----------------------------|-------------------------------|--|
| Material code            | F31-FC_16IN_PHO             | F31-FC_16OUT_T16              | F31-FC-LWM   |
| Signal type              | Choose one from NPN and PNP | PNP                           | Choose one from NPN and PNP  |
| COM port/power signal    | DC24V: NPN, DC0V: PNP       | DC24V, DC0V                   |  |
| Interface specifications | 16-channel input signal     | 16-channel output signal with | 1PWM\1AD\2DA   |
|                          |                             | the ouput voltage of 24 V.    | 16ways input signal, (NPN, PNC could adjust)<br>8 ways output signal, output 24V |
| Installation method      | Buckle                      | Buckle                        | Buckle   |
| Ambient temperature      | -10°C~50°C                  | -10°C~50°C                    | -10°C~50°C   |
| Ambient humidity         | 20%~90%, no condensation    | 20%~90%, no condensation      | 20%~90%, no condensation   |
| Physical Dimensions      | 120x27x105mm                | 120x27x105mm                  | 120x27x105mm   |
| Single point current     |                             | Maximum output current 0.5A   | Maximum output current 0.5A  |





LEANTEC INTELLIGENCE ROBOT CONTROLLER 47/48

#### SYSTEM FUNCTIONS

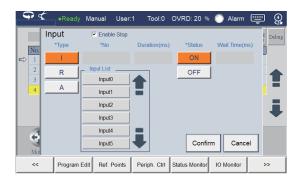
#### Intuitive Operation and Programming

Conversational programming, no need to learn robot languages



#### Sufficient IO commands

- Provide complete IO commands without writing any PLC on your own.
- Wait for Point I without deceleration, and output Point O during movement, which can improve the operating efficiency of the machine.



#### Quickly introduce it to practical applications

- Provide the batching tray and track tracking and workstation reservation functions
- Provide various process packages, such as welding, picking and placing, etc
- Record important points according to reference points and reuse them in the program



Program Edit Ref. Points 工態選單 Status Monitor IO Monitor

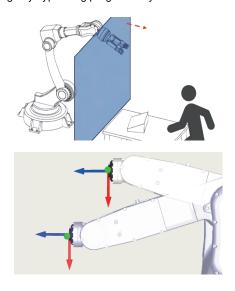
Confirm Cancel

0

Smooth 0

#### Easy advanced programming function

- The anti-collision area function can prevent the arm from entering a specific area to increase safety
- The dynamic anti-collision function can prevent the arm from colliding during movement
- Able to automatically pass the singular point without writing any bypassing program on your own



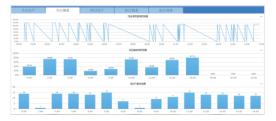


# LEANTEC CLOUD PRODUCT

#### Workshop management



Real time monitor of equipment status



• Single machine feed rate, utilization, productivity at a glance

# Processing record form



 The number of jobs reported can also be presented on the board by filtering the criteria.

# Document delivery



Working process could deliver to controller online







• Single machine information could be more transparent



Check the efficiency of equipments at any time

#### Abnormal notification



 The abnormal information is alerted to the responsible personnel in time to prevent the machine from prolonged alarm and delay production.

#### Workshop huge screen



 Multiple large-screen kiosks are presented in rotation to visualize the data in workshop. 49/50

# VISUAL SOLUTION

#### **Product Characteristics**

- Support Modbus-Tcp、EtherNet/IP communication could work with several market available visual camera use
- Support SYNTEC visual and market sell Hikvision, Congnex visual solution.
- Through R value/IO/programming to do start action.
- It could connected to IP CAM and displayed on the controller to meet monitoring requirements.



# MEASURING & TESTING SOLUTION

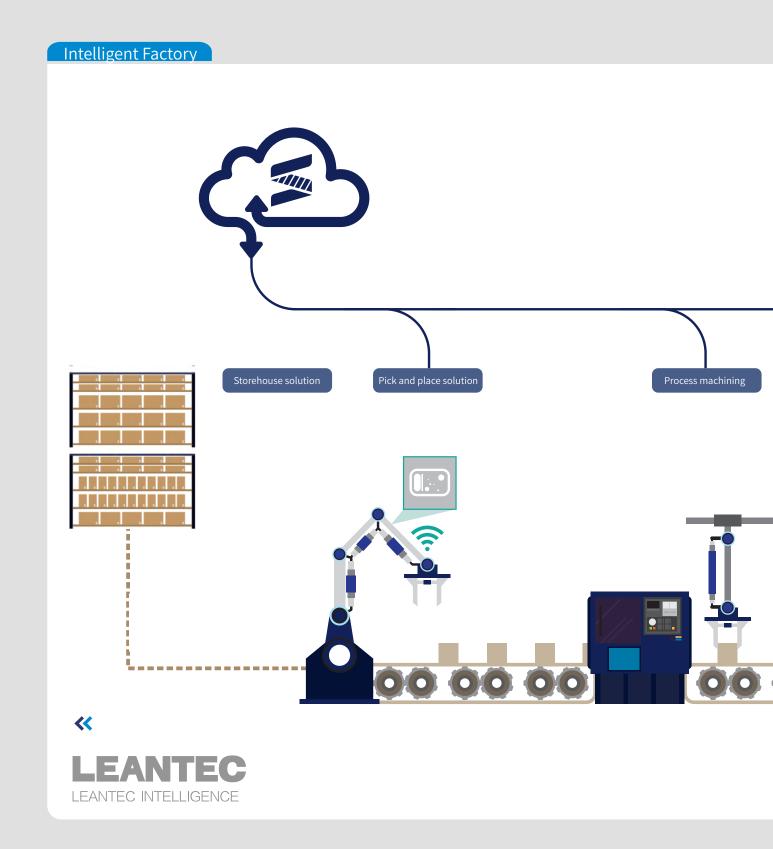
#### **Product Characteristics**

- Support multiple-axis synchronous motion for larger measurement range.
- Easy setup for common industrial communications (MODBUS-TCP, Uplaod data through the Internet in real time for tool EtherNet/IP, etc.)
- Simple integration with other commercial vision systems
- Generate measurement log for long-term monitoring
- compensation and remote monitoring





# INTELLIGENT FACTORY



LEANTEC INTELLIGENCE INTELLIGENT FACTORY 51/52



