
COLLABORATIVE DUAL-ARM ROBOT



COLLABORATIVE DUAL-ARM ROBOT



SAFE



FLEXIBLE



EASY USE

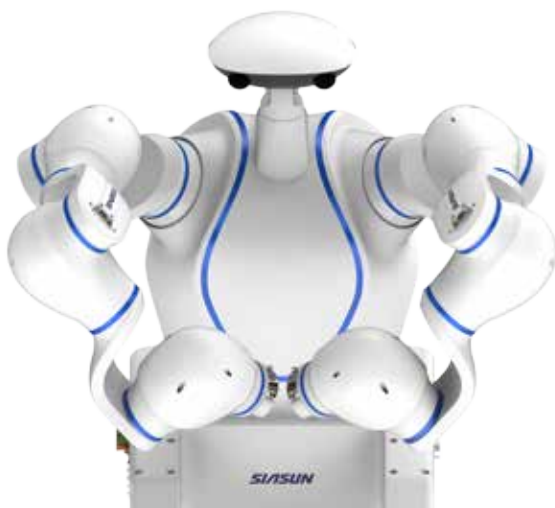
SIASUN

COLLABORATIVE DUAL-ARM ROBOT—DUCO

SIASUN dual-arm body system is the first collaborative robotic arm system in China. It is featured with high flexibility, extreme safety, active obstacle avoidance, rapid deployment. It provides an overall solution for assembling by fast, safe, agile, accurate, and highly efficient positioning and operation, which also provides a better develop environment with more freedom and possibility for users.



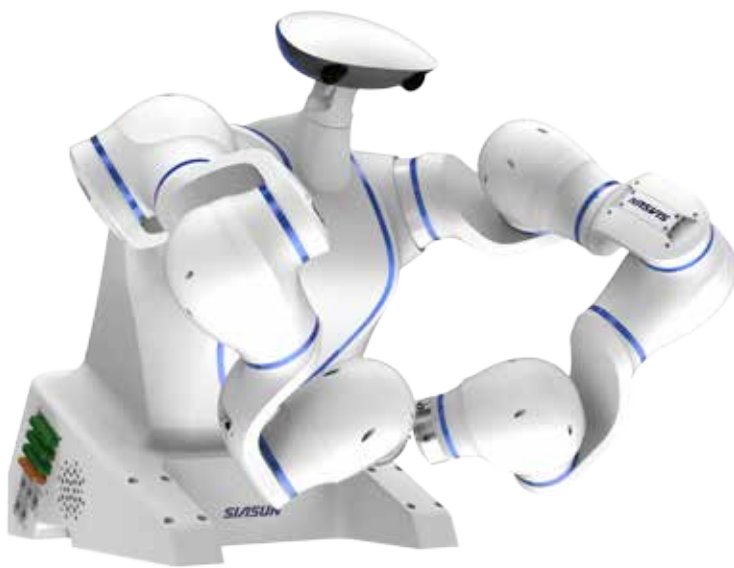
PRODUCT FEATURES



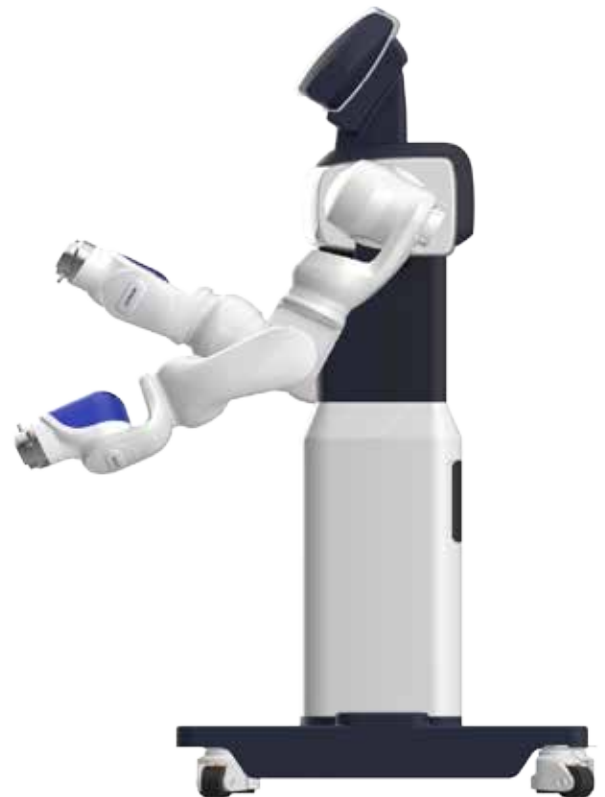
- Teaching by hand guidance, with collision detection for 7-axis robotic arm
- Bionic visual system with real-time space sensing and 3D reconstruction functions
- 14 integrated servo drive units which have internal cable space for most of the user's interface requirement
- The integrated control system benefits the extensional use
- ROS-I interface for users' further development

PRODUCT SPECIFICATIONS

MODEL	DSCR3	DSCR5
Degree of freedom	16 axes (7 for arms × 2, 2 for head)	20axes (7 for arms×2,6 for head)
Payload (TCP)	6kg (3kg per arm)	10kg (5kg per arm)
Repeatability	±0.02mm	±0.02mm
Reach	600mm	800mm
Temperature	5°C - 40°C	5°C - 40°C
Controller	Integrated inside	Integrated inside
IP Classification	IP30	IP30
Calculated Operating Life	35000h	35000h



DSCR3





COMPANY INFORMATION

SIASUN Co. Ltd. (stock code 300024), a member of the Chinese Academy of Sciences, is a creator of high-end digital equipment, with robotics and automation at its core. Since being listed on the market in 2009, the company has entered a new strategic development period. In addition to the group company headquarters, SIASUN has founded a headquarters for international business in Shanghai and established wholly own subsidiaries in Shenyang, Beijing, Qingdao, Shanghai, and Hangzhou.

The international branch of SIASUN, located in Shanghai, is a headquarters for research and production and was formally registered in 2014. This branch of SIASUN is an efficient and practical robotics R&D center, which focuses on innovation and development using highly advanced technology from many scientific research institutes. Besides the line of robotics products that have already entered the market, SIASUN also provides customized robots according to end users' needs.

SIASUN's long-term goal is to work together with core components providers and downstream industry users to make the robotics industry even more beautiful and prosperous.



SIASUN CO., LTD.

Add: No.257 Jinzang Rd., Pudong New District, Shanghai

SIASUN ROBOT HUB

F: +86 021-63631363 **T:** +86 021-50870608

E: service.in@siasun.com

W: www.siasun-in.com