



**SOUTH CHINA ROBOTICS TECHNOLOGY  
(GUANGZHOU) CO., LTD.  
SMART FACTORY SOLUTIONS PROVIDER**

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# PART 01

PART 01

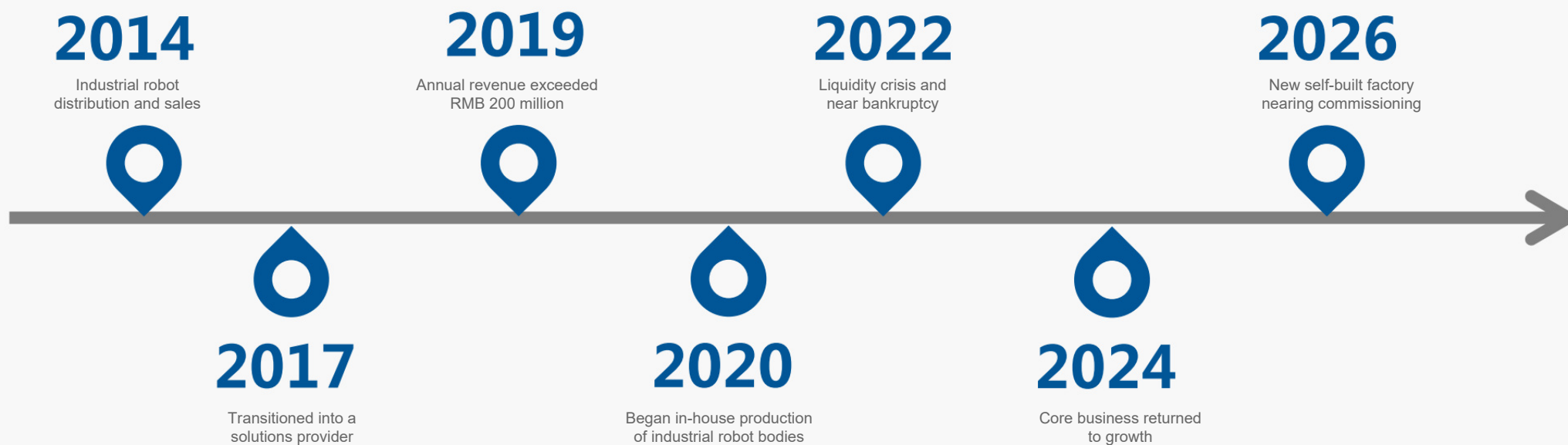


ABOUT US



ABOUT US

## DEVELOPMENT HISTORY





COMPANY PROFILE

## COMPANY PROFILE



HEADQUARTERS

### South China Robotics Technology (Guangzhou) Co., Ltd.

Founded on June 13, 2017, South China Robotics is headquartered in Guangzhou's Huadu Auto City. Its 6,000 m<sup>2</sup> facility specializes in industrial robot manufacturing, equipment maintenance, sales, and related services. The company has more than 50 employees, including 12 with over a decade of service. Its 20+ engineering specialists include one PhD and one nationally certified senior engineer. Nearly 20 engineers hold bachelor's degrees or above, with expertise in mechanical, electronic and electrical engineering, software, machine vision, R&D, application development, and systems integration.



TEAMWORK | INNOVATION | WIN-WIN  
BREAKTHROUGH | RESPONSIBILITY | EFFICIENCY



COMPANY PROFILE

## COMPANY PROFILE



### SUZHOU BRANCH

Our Suzhou branch is located in Kunshan, Suzhou. The 500 m<sup>2</sup> facility provides industrial robot maintenance, sales, and related services.





## MACHINING CENTER

Our full product range is designed and manufactured in-house, giving us end-to-end control of core technologies and production. From engineering drawings and raw-material welding to precision machining and final assembly, all major processes are completed in a closed-loop workflow at our own facility under strict process and quality standards. For heat treatment, coating, and other surface-finishing processes, we work with fully qualified specialist partners. This model combines control of core capabilities with complementary external expertise.

Our machining center has supplied companies including Dongfeng Nissan and KUKA Robotics, delivering on our quality promise through high-standard precision machining.



# PART 02

PART 02



## PRODUCT PORTFOLIO



PRODUCT

## MULTI-AXIS ROBOTS FOR STAMPING & FORGING



### **SAR SERIES**

Payload: 12 kg  
Reach: 1,400 mm



### **STC SERIES**

Payload: 5-10 kg  
Reach: 1,250-1,450 mm



### **SCD SERIES**

Payload: 10-30 kg  
Reach: Customizable

## VISION-GUIDED DEPALLETIZING, BAG OPENING, HANDLING & PALLETIZING ROBOTS



### ECR SERIES

Payload: 30-100 kg  
Reach: 2,050 mm



### SCH SERIES

Payload: 20-1,000 kg  
Reach: 1,950-3,200 mm  
Customizable



### SCR SERIES

Payload: 80-1,200 kg  
Reach: 3,150-3,850 mm



### SAR SERIES

Payload: 80-800 kg  
Reach: 2,450-3,500 mm  
Customizable



PRODUCT

## DESKTOP ROBOTS

### SCH (KK MODULE) SERIES

Payload: 3-5 kg  
Reach: 200-600 mm  
Customizable



### SCH (ALUMINUM-BASE MODULE) SERIES

Payload: 5-10 kg  
Reach: 400-1,300 mm  
Customizable



### SCH SERIES

Payload: 10-20 kg  
Reach: 800-1,300 mm  
Customizable



### SCH (SEALED MODULE) SERIES

Payload: 5-10 kg  
Reach: 400-1,300 mm  
Customizable

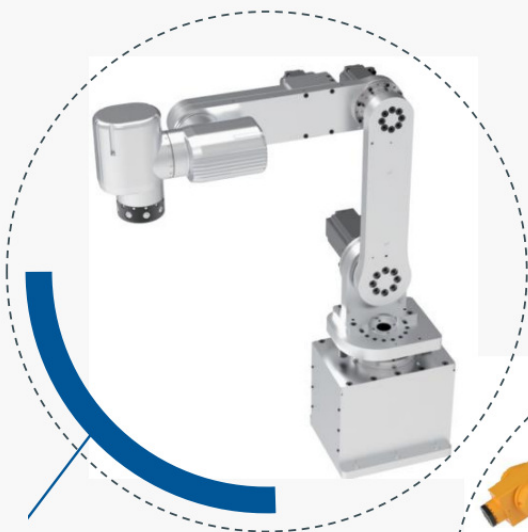




PRODUCT

## SIX-AXIS ROBOTS FOR MACHINE TENDING & WELDING

**SCR**  
华南机器人



ECR SERIES



ER SERIES



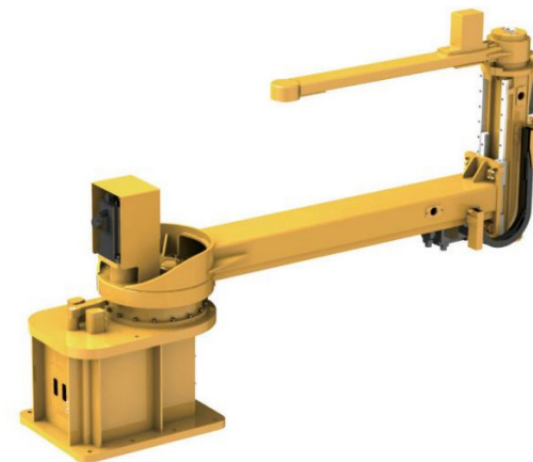
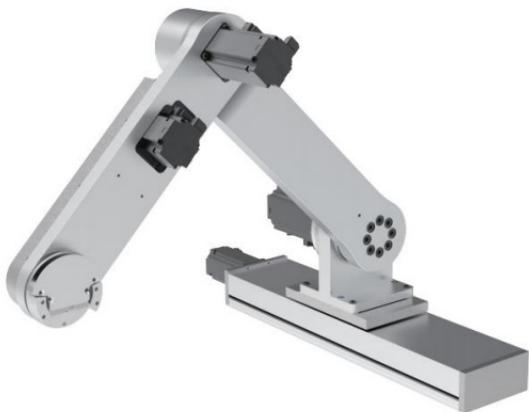
COLLABORATIVE SERIES

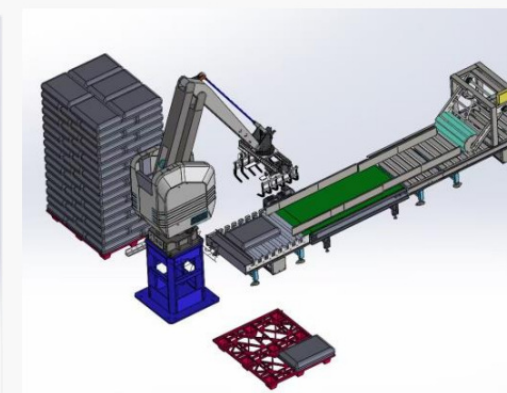
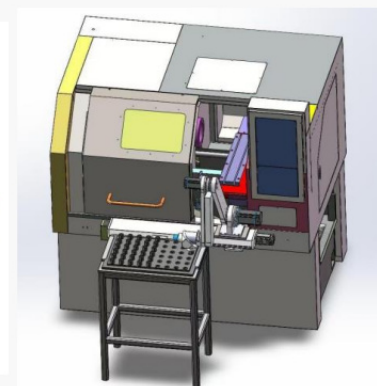
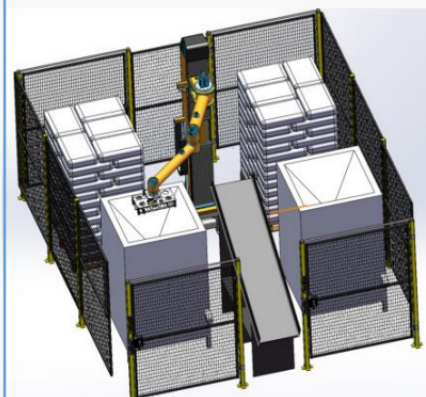
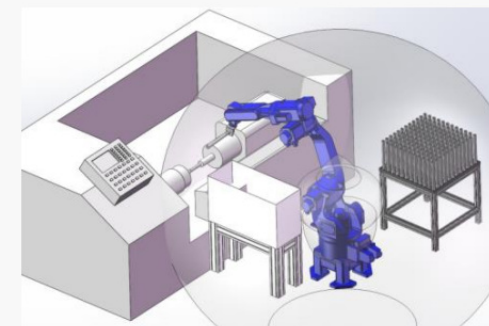
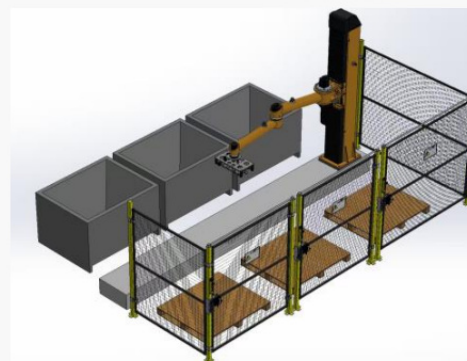
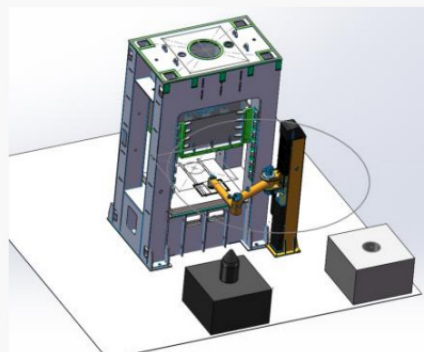


PRODUCT

## CUSTOM AUTOMATION SYSTEMS

**SCR**  
华南机器人





# PART 03

PART 03



CUSTOMERS



CUSTOMERS

CUSTOMERS

**SCR**  
华南机器人

**Midea**



**汤臣倍健**



**LONGI 隆基**



**Homa 奥马**



**五粮液**



**TOM 汤姆森**

**富创精密**  
FORTUNE PRECISION



**BYD**



**HUNTSMAN**  
Enriching lives through innovation

**HOMRUI**  
— 宏瑞股份 —

**TINCI 天赐**



**Tofflon**  
东富龙

**大运**  
**DAYUN**



## CONTACT US Contact Us



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**181 0762 6636**

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Suzhou Branch: Building 2, No. 1398 Zizhu Road, Yushan Town, Kunshan City, Suzhou



SOUTH CHINA ROBOTICS PRODUCT BROCHURE

# Product Brochure

Application-Focused  
Better Value

SOUTH CHINA ROBOTICS PRODUCTS

*SOUTH CHINA  
ROBOTICS*



South China Robotics Technology (Guangdong) Co., Ltd.  
South China Robotics Technology (Guangdong) Co., Ltd.

|               |                                                                                                     |
|---------------|-----------------------------------------------------------------------------------------------------|
| Guangzhou HQ  | No. 35 Lingdong Rd., Automotive City, Xiuquan Subdistrict, Huadu District, Guangzhou (HQ & Factory) |
| Suzhou Branch | Building 2, No. 1398 Zizhu Rd., Yushan Town, Kunshan, Suzhou                                        |

Smart Factory Solutions Provider



South China Robotics Technology (Guangdong) Co., Ltd.

## COMPANY PROFILE

## Company Profile

South China Robotics Technology (Guangdong) Co., Ltd.



## Teamwork Innovation Win-Win Breakthrough Responsibility Efficiency

Founded on June 13, 2017, the company is headquartered in Huadu Automotive City, Guangzhou, with a 6,000 m<sup>2</sup> site. It provides industrial robot manufacturing, equipment maintenance and repair, sales and related services.

As of 2025, 83 employees were enrolled in social insurance, including over 30 engineering and technical staff: one PhD holder, one nationally recognized senior engineer and nearly 30 engineers with bachelor's degrees or higher. The team covers R&D, applications and system integration in mechanical engineering, electronics, electrical engineering, software and machine vision.

## Manufacturing Workshop &amp; Equipment



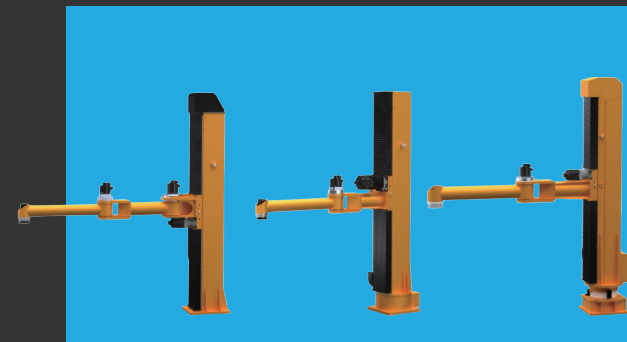
## ROBOT INTRODUCTION

## Robot Product Range

## Articulated Stamping/Forging Robots



## Articulated Handling/Palletizing Robots

Vision-Guided Depalletizing,  
Bag Opening & Material Feeding

## Custom Automation Solutions



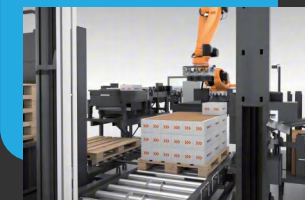
## INDUSTRY APPLICATIONS

## Industry Applications

## Stamping / Forging



## Palletizing

3D Vision Bag Opening  
& Material FeedingMachine Tool  
Loading / Unloading

ECR 4-Axis



| ECR8-1200  | ECR10-1400 | ECR30-1850 | ECR50-1850 | ECR100-1850 |
|------------|------------|------------|------------|-------------|
| ECR Series | ECR Series | ECR Series | ECR Series | ECR Series  |

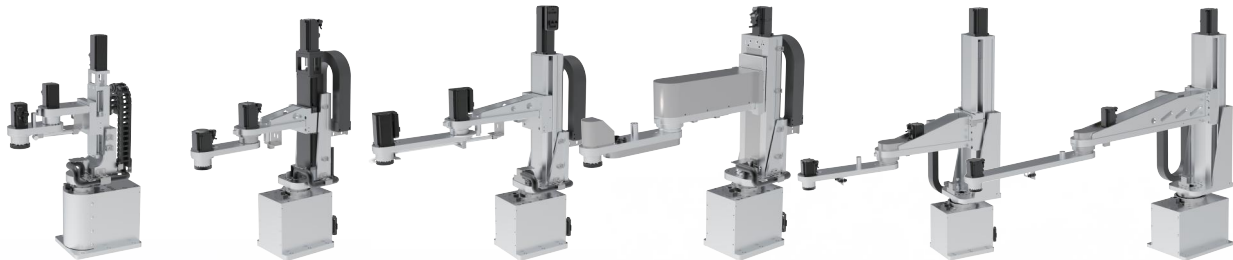
★ Optional fifth axis

|                 |         |         |        |        |         |
|-----------------|---------|---------|--------|--------|---------|
| Axes            | 4       | 4       | 4      | 4      | 4       |
| Max. payload    | 8kg     | 10kg    | 30kg   | 50kg   | 100kg   |
| Reach           | 1173mm  | 1430mm  | 2050mm | 2050mm | 2050mm  |
| Repeatability   | ±0.06mm | ±0.06mm | ±0.1mm | ±0.1mm | ±0.1mm  |
| Robot weight    | 60kg    | 90kg    | 211kg  | 370kg  | 440kg   |
| Supply capacity | 2.45kva | 2.9kva  | 3.4kva | 6.8kva | 8.55kva |

|                   |        |            |            |             |             |             |
|-------------------|--------|------------|------------|-------------|-------------|-------------|
| Axis Motion Range | Axis 1 | ±165°      | ±150°      | ±165°       | ±165°       | ±165°       |
|                   | Axis 2 | -75°, +26° | -80°, +26° | -110°, +30° | -110°, +30° | -110°, +30° |
|                   | Axis 3 | -87°, +25° | -95°, +25° | -30°, +105° | -30°, +105° | -30°, +105° |
|                   | Axis 4 | ±360°      | ±360°      | ±360°       | ±360°       | ±360°       |
|                   | Axis 5 | /          | /          | /           | /           | /           |
|                   | Axis 6 | /          | /          | /           | /           | /           |

|                      |                                                                                                                                   |                            |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Operating Conditions | Temp.                                                                                                                             | 0~45℃                      |
|                      | Humidity                                                                                                                          | 20~80% RH (non-condensing) |
|                      | Vibration                                                                                                                         | 4.9m/s² or less            |
|                      | * No flammable/corrosive gases or liquids / * Avoid water, oil and powder / * Keep away from electromagnetic interference sources |                            |

Desktop 4-Axis



| SCH03AE-200-110 | SCH05AE-400-200 | SCH05AE-600-200 | SCH05A-600-200 | SCH10AE-800-450 | SCH10AE-1300-450 |
|-----------------|-----------------|-----------------|----------------|-----------------|------------------|
| SCH-AE Series   | SCH-AE Series   | SCH-AE Series   | SCH-AE Series  | SCH-AE Series   | SCH-AE Series    |

|                 |         |         |         |         |         |         |
|-----------------|---------|---------|---------|---------|---------|---------|
| Axes            | 4       | 4       | 4       | 4       | 4       | 4       |
| Max. payload    | 3kg     | 5kg     | 5kg     | 5kg     | 10kg    | 10kg    |
| Reach           | 200mm   | 400mm   | 600mm   | 600mm   | 800mm   | 1300mm  |
| Repeatability   | ±0.02mm | ±0.04mm | ±0.08mm | ±0.08mm | ±0.08mm | ±0.08mm |
| Robot weight    | 16kg    | 28kg    | 32kg    | 36kg    | 60kg    | 100kg   |
| Supply capacity | 0.7kva  | 1.1kva  | 1.1kva  | 1.1kva  | 2.1kva  | 2.1kva  |

|                   |        |       |       |       |       |       |       |
|-------------------|--------|-------|-------|-------|-------|-------|-------|
| Axis Motion Range | Axis 1 | ±155° | ±160° | ±160° | ±165° | ±165° | ±160° |
|                   | Axis 2 | 110mm | 200mm | 200mm | 200mm | 450mm | 450mm |
|                   | Axis 3 | ±115° | ±140° | ±140° | ±150° | ±150° | ±150° |
|                   | Axis 4 | ±360° | ±360° | ±360° | ±360° | ±360° | ±360° |
|                   | Axis 5 | /     | /     | /     | /     | /     | /     |
|                   | Axis 6 | /     | /     | /     | /     | /     | /     |

|                      |                                                                                                                                   |                            |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Operating Conditions | Temp.                                                                                                                             | 0~45℃                      |
|                      | Humidity                                                                                                                          | 20~80% RH (non-condensing) |
|                      | Vibration                                                                                                                         | 4.9m/s² or less            |
|                      | * No flammable/corrosive gases or liquids / * Avoid water, oil and powder / * Keep away from electromagnetic interference sources |                            |

SCH 4-Axis



| SCH10D-800-400 | SCH20D-1300-400 | SCH20D-1950-1850 | SCH30E-1950-1850 |
|----------------|-----------------|------------------|------------------|
| SCH Series     | SCH Series      | SCH Series       | SCH Series       |

★ Standard colors: body/base - yellow

|                 |         |         |        |        |
|-----------------|---------|---------|--------|--------|
| Axes            | 4       | 4       | 4      | 4      |
| Max. payload    | 10kg    | 20kg    | 20kg   | 30kg   |
| Reach           | 800mm   | 1300mm  | 1950mm | 1950mm |
| Repeatability   | ±0.15mm | ±0.15mm | ±0.5mm | ±0.5mm |
| Robot weight    | 60kg    | 158kg   | 250kg  | 290kg  |
| Supply capacity | 1.5kva  | 1.5kva  | 3.0kva | 3.0kva |

|                   |        |             |       |        |        |
|-------------------|--------|-------------|-------|--------|--------|
| Axis Motion Range | Axis 1 | 100°, +140° | ±135° | ±135°  | ±135°  |
|                   | Axis 2 | 400mm       | 400mm | 1850mm | 1860mm |
|                   | Axis 3 | ±150°       | ±150° | ±150°  | ±150°  |
|                   | Axis 4 | ±360°       | ±360° | ±360°  | ±360°  |
|                   | Axis 5 | /           | /     | /      | /      |
|                   | Axis 6 | /           | /     | /      | /      |

|                      |                                                                                                                                   |                            |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Operating Conditions | Temp.                                                                                                                             | 0~45℃                      |
|                      | Humidity                                                                                                                          | 20~80% RH (non-condensing) |
|                      | Vibration                                                                                                                         | 4.9m/s² or less            |
|                      | * No flammable/corrosive gases or liquids / * Avoid water, oil and powder / * Keep away from electromagnetic interference sources |                            |

SCH 4-Axis



| SCH50-1950-1800 | SCH80-1950-1800 | SCH100-1950-1800 | SCH100S-1950-1800 |
|-----------------|-----------------|------------------|-------------------|
| SCH Series      | SCH Series      | SCH Series       | SCH Series        |

★ Optional axes 5/6 ★ Standard colors: body/base - yellow

|                 |         |         |         |        |
|-----------------|---------|---------|---------|--------|
| Axes            | 4       | 4       | 4       | 4      |
| Max. payload    | 50kg    | 80kg    | 100kg   | 100kg  |
| Reach           | 1950mm  | 1950mm  | 1950mm  | 1950mm |
| Repeatability   | ±0.5mm  | ±0.5mm  | ±0.5mm  | ±0.5mm |
| Robot weight    | 580kg   | 580kg   | 680kg   | 550kg  |
| Supply capacity | 5.75kva | 5.75kva | 5.75kva | 4.4kva |

|                   |        |        |        |        |        |
|-------------------|--------|--------|--------|--------|--------|
| Axis Motion Range | Axis 1 | ±130°  | ±130°  | ±130°  | ±135°  |
|                   | Axis 2 | 1800mm | 1800mm | 1800mm | 1800mm |
|                   | Axis 3 | ±147°  | ±147°  | ±147°  | ±155°  |
|                   | Axis 4 | ±360°  | ±360°  | ±360°  | ±360°  |
|                   | Axis 5 | /      | /      | /      | /      |
|                   | Axis 6 | /      | /      | /      | /      |

|                      |                                                                                                                                   |                            |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Operating Conditions | Temp.                                                                                                                             | 0~45℃                      |
|                      | Humidity                                                                                                                          | 20~80% RH (non-condensing) |
|                      | Vibration                                                                                                                         | 4.9m/s² or less            |
|                      | * No flammable/corrosive gases or liquids / * Avoid water, oil and powder / * Keep away from electromagnetic interference sources |                            |

SCH 4-Axis



| SCH130E-2200-1800 | SCH210E-2350-1650 | SCH300E-2350-1650 | SCH500~800E-3200-1650 |
|-------------------|-------------------|-------------------|-----------------------|
| SCH Series        | SCH Series        | SCH Series        | SCH Series            |

★ Optional axes 5/6 ★ Standard colors: body - yellow; base - black

|                 |        |        |         |               |
|-----------------|--------|--------|---------|---------------|
| Axes            | 4      | 4      | 4       | 4             |
| Max. payload    | 130kg  | 210kg  | 300kg   | 500/600/800kg |
| Reach           | 2200mm | 2350mm | 2350mm  | 3200/2800mm   |
| Repeatability   | ±0.5mm | ±0.5mm | ±0.5mm  | ±0.5mm        |
| Robot weight    | 900kg  | 1200kg | 2600kg  | 2800/3300kg   |
| Supply capacity | 5.3kva | 7.5kva | 19.0kva | 21.0/23.0kva  |

|                   |        |        |        |            |            |
|-------------------|--------|--------|--------|------------|------------|
| Axis Motion Range | Axis 1 | ±130°  | ±130°  | ±180°      | ±180°      |
|                   | Axis 2 | 1800mm | 1650mm | 750-2400mm | 800-2500mm |
|                   | Axis 3 | ±147°  | ±147°  | ±150°      | ±150°      |
|                   | Axis 4 | ±360°  | ±360°  | ±360°      | ±360°      |
|                   | Axis 5 | /      | /      | /          | /          |
|                   | Axis 6 | /      | /      | /          | /          |

|                      |                                                                                                                                   |                            |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Operating Conditions | Temp.                                                                                                                             | 0~45℃                      |
|                      | Humidity                                                                                                                          | 20~80% RH (non-condensing) |
|                      | Vibration                                                                                                                         | 4.9m/s² or less            |
|                      | * No flammable/corrosive gases or liquids / * Avoid water, oil and powder / * Keep away from electromagnetic interference sources |                            |

SAR 4-Axis



| SAR80-2450-2300 | SAR130-2550-2400 | SAR210/300-2650-2300 | SAR500/800-3500-3100 |
|-----------------|------------------|----------------------|----------------------|
| SAR Series      | SAR Series       | SAR Series           | SAR Series           |

★ Optional axes 5/6 ★ Standard colors: main/secondary arms - gray-white; covers - white; links/base - blue

|                 |        |        |             |              |
|-----------------|--------|--------|-------------|--------------|
| Axes            | 4      | 4      | 4           | 4            |
| Max. payload    | 80kg   | 130kg  | 210/300kg   | 500/800kg    |
| Reach           | 2450mm | 2550mm | 2650mm      | 3500mm       |
| Repeatability   | ±1mm   | ±1mm   | ±1mm        | ±1.5mm       |
| Robot weight    | 450kg  | 780kg  | 1150/1250kg | 1850/2100kg  |
| Supply capacity | 3.5kva | 5.5kva | 7.0/7.5kva  | 11.0/13.0kva |

|                   |        |        |        |        |        |
|-------------------|--------|--------|--------|--------|--------|
| Axis Motion Range | Axis 1 | ±330°  | ±330°  | ±330°  | ±330°  |
|                   | Axis 2 | 2300mm | 2400mm | 2300mm | 3100mm |
|                   | Axis 3 | 1500mm | 1600mm | 1500mm | 2000mm |
|                   | Axis 4 | ±360°  | ±360°  | ±360°  | ±360°  |
|                   | Axis 5 | /      | /      | /      | /      |
|                   | Axis 6 | /      | /      | /      | /      |

|                      |                                                                                                                                   |                            |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Operating Conditions | Temp.                                                                                                                             | 0~45℃                      |
|                      | Humidity                                                                                                                          | 20~80% RH (non-condensing) |
|                      | Vibration                                                                                                                         | 4.9m/s² or less            |
|                      | * No flammable/corrosive gases or liquids / * Avoid water, oil and powder / * Keep away from electromagnetic interference sources |                            |

SCR 4-Axis



|                                                             |                                                                                                                                   | SCR180-3200                | SCR180CQ-3200       |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------|
|                                                             |                                                                                                                                   | SCR Series                 | SCR Series          |
| ★ Optional fifth axis ★ Standard colors: body/base - yellow |                                                                                                                                   |                            |                     |
| Axes                                                        | 4                                                                                                                                 |                            | 4                   |
| Max. payload                                                | 180kg                                                                                                                             |                            | 180kg               |
| Reach                                                       | 3200mm                                                                                                                            |                            | 3200mm              |
| Repeatability                                               | ±0.5mm                                                                                                                            |                            | ±0.5mm              |
| Robot weight                                                | 1450kg                                                                                                                            |                            | 1450kg              |
| Supply capacity                                             | 18.0kva                                                                                                                           |                            | 18.0kva             |
| Axis Motion Range                                           | Axis 1                                                                                                                            | ±178°                      | ±178°               |
|                                                             | Axis 2                                                                                                                            | +80°, -60°                 | +80°, -30°          |
|                                                             | Axis 3                                                                                                                            | Global: +120°, -20°        | Global: +120°, -20° |
|                                                             |                                                                                                                                   | Coupled: +65°, -65°        | Coupled: +65°, -65° |
|                                                             | Axis 4                                                                                                                            | ±360°                      | ±360°               |
|                                                             | Axis 5                                                                                                                            | /                          | /                   |
|                                                             | Axis 6                                                                                                                            | /                          | /                   |
| Operating Conditions                                        | Temp.                                                                                                                             | 0~45°C                     |                     |
|                                                             | Humidity                                                                                                                          | 20~80% RH (non-condensing) |                     |
|                                                             | Vibration                                                                                                                         | 4.9m/s² or less            |                     |
|                                                             | * No flammable/corrosive gases or liquids / * Avoid water, oil and powder / * Keep away from electromagnetic interference sources |                            |                     |

SRL 4-Axis



|                                                 |                                                                                                                                   | SRL10-900-650              | SRL20-1500-1000 |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------|
|                                                 |                                                                                                                                   | SRL Series                 | SRL Series      |
| ★ Standard colors: body/base - natural aluminum |                                                                                                                                   |                            |                 |
| Axes                                            |                                                                                                                                   | 4                          | 4               |
| Max. payload                                    |                                                                                                                                   | 10kg                       | 20kg            |
| Reach                                           |                                                                                                                                   | 900mm                      | 1500mm          |
| Repeatability                                   |                                                                                                                                   | ±0.15mm                    | ±0.2mm          |
| Robot weight                                    |                                                                                                                                   | 60kg                       | 80kg            |
| Supply capacity                                 |                                                                                                                                   | 2.3kva                     | 2.3kva          |
| Axis Motion Range                               | Axis 1                                                                                                                            | ±115°                      | ±100°           |
|                                                 | Axis 2                                                                                                                            | 650mm                      | 1000mm          |
|                                                 | Axis 3                                                                                                                            | ±135°                      | ±135°           |
|                                                 | Axis 4                                                                                                                            | ±360°                      | ±360°           |
|                                                 | Axis 5                                                                                                                            | /                          | /               |
|                                                 | Axis 6                                                                                                                            | /                          | /               |
| Operating Conditions                            | Temp.                                                                                                                             | 0~45℃                      |                 |
|                                                 | Humidity                                                                                                                          | 20~80% RH (non-condensing) |                 |
|                                                 | Vibration                                                                                                                         | 4.9m/s² or less            |                 |
|                                                 | * No flammable/corrosive gases or liquids / * Avoid water, oil and powder / * Keep away from electromagnetic interference sources |                            |                 |

Stamping Robots



|                                                          |                                                                                                                                   | STC5-1250-400              | STC10-1450-400 |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------|
|                                                          |                                                                                                                                   | STC Series                 | STC Series     |
| ★ Standard colors: body - natural aluminum; base - white |                                                                                                                                   |                            |                |
| Axes                                                     | 4                                                                                                                                 |                            | 4              |
| Max. payload                                             | 5kg                                                                                                                               |                            | 10kg           |
| Reach                                                    | 1250mm                                                                                                                            |                            | 1450mm         |
| Repeatability                                            | ±0.15mm                                                                                                                           |                            | ±0.15mm        |
| Robot weight                                             | 220kg                                                                                                                             |                            | 230kg          |
| Supply capacity                                          | 2.0kva                                                                                                                            |                            | 2.3kva         |
| Axis Motion Range                                        | Axis 1                                                                                                                            | ±135°                      | ±135°          |
|                                                          | Axis 2                                                                                                                            | 400mm                      | 400mm          |
|                                                          | Axis 3                                                                                                                            | 776-1250mm                 | 776-1450mm     |
|                                                          | Axis 4                                                                                                                            | ±360°                      | ±360°          |
|                                                          | Axis 5                                                                                                                            | /                          | /              |
|                                                          | Axis 6                                                                                                                            | /                          | /              |
| Operating Conditions                                     | Temp.                                                                                                                             | 0~45℃                      |                |
|                                                          | Humidity                                                                                                                          | 20~80% RH (non-condensing) |                |
|                                                          | Vibration                                                                                                                         | 4.9m/s² or less            |                |
|                                                          | * No flammable/corrosive gases or liquids / * Avoid water, oil and powder / * Keep away from electromagnetic interference sources |                            |                |

Stamping Robots



Custom Reach

|                                                               |                                                                                                                                   | SAR12-1400 (Separate Cabinet) | SAR12-1400 (Integrated Cabinet) | SCD30-1850-400   |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------|------------------|
|                                                               |                                                                                                                                   | SAR12 Series                  | SAR12 Series                    | SCD Series       |
| ★ Optional fifth axis   ★ Standard colors: body/base - yellow |                                                                                                                                   |                               |                                 |                  |
| Axes                                                          |                                                                                                                                   | 4                             | 4                               | 4                |
| Max. payload                                                  |                                                                                                                                   | 12kg                          | 12kg                            | 30/50/80kg       |
| Reach                                                         |                                                                                                                                   | 1454mm                        | 1454mm                          | 1850/2150/2700mm |
| Repeatability                                                 |                                                                                                                                   | ±0.15mm                       | ±0.2mm                          | ±0.15mm          |
| Robot weight                                                  |                                                                                                                                   | 135kg                         | 270kg                           | 500kg            |
| Supply capacity                                               |                                                                                                                                   | 3.0kva                        | 3.0kva                          | 6.8kva           |
| Axis Motion Range                                             | Axis 1                                                                                                                            | ±140°                         | ±140°                           | ±180°            |
|                                                               | Axis 2                                                                                                                            | -35°, +80°                    | -35°, +80°                      | 400mm            |
|                                                               | Axis 3                                                                                                                            | -95°, +35°                    | -95°, +35°                      | ±145°            |
|                                                               | Axis 4                                                                                                                            | ±360°                         | ±360°                           | ±360°            |
|                                                               | Axis 5                                                                                                                            | /                             | /                               | /                |
|                                                               | Axis 6                                                                                                                            | /                             | /                               | /                |
| Operating Conditions                                          | Temp.                                                                                                                             | 0~45℃                         |                                 |                  |
|                                                               | Humidity                                                                                                                          | 20~80% RH (non-condensing)    |                                 |                  |
|                                                               | Vibration                                                                                                                         | 4.9m/s² or less               |                                 |                  |
|                                                               | * No flammable/corrosive gases or liquids / * Avoid water, oil and powder / * Keep away from electromagnetic interference sources |                               |                                 |                  |

ER 6-Axis



|                                       |                                                                                                                                   | ER10-1400                  | ER20-1700    |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------|
|                                       |                                                                                                                                   | ER Series                  | ER Series    |
| ★ Standard colors: body/base - yellow |                                                                                                                                   |                            |              |
| Axes                                  | 6                                                                                                                                 |                            | 6            |
| Max. payload                          | 10kg                                                                                                                              |                            | 20kg         |
| Reach                                 | 1400mm                                                                                                                            |                            | 1717mm       |
| Repeatability                         | ±0.06mm                                                                                                                           |                            | ±0.06mm      |
| Robot weight                          | 168kg                                                                                                                             |                            | 280kg        |
| Supply capacity                       | 3.5kva                                                                                                                            |                            | 5.5kva       |
| Axis Motion Range                     | Axis 1                                                                                                                            | ±170°                      | ±170°        |
|                                       | Axis 2                                                                                                                            | -160°, +100°               | -155°, +110° |
|                                       | Axis 3                                                                                                                            | -85°, +90°                 | -78°, +205°  |
|                                       | Axis 4                                                                                                                            | ±200°                      | ±200°        |
|                                       | Axis 5                                                                                                                            | ±120°                      | ±125°        |
|                                       | Axis 6                                                                                                                            | ±360°                      | ±360°        |
| Operating Conditions                  | Temp.                                                                                                                             | 0~45℃                      |              |
|                                       | Humidity                                                                                                                          | 20~80% RH (non-condensing) |              |
|                                       | Vibration                                                                                                                         | 4.9m/s² or less            |              |
|                                       | * No flammable/corrosive gases or liquids / * Avoid water, oil and powder / * Keep away from electromagnetic interference sources |                            |              |

Mobile Collaborative Palletizer



30 kg Model

50 kg Model

★ Standard colors: body - white; base - black

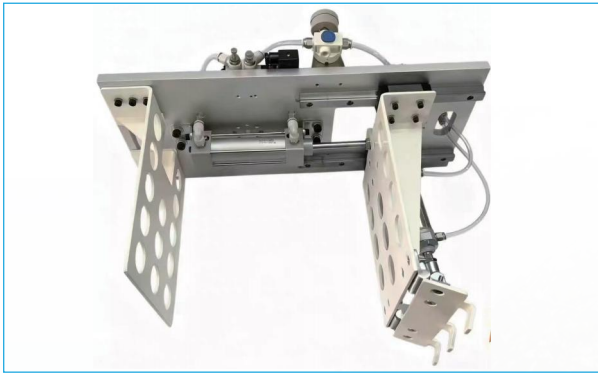
|                 |        |        |
|-----------------|--------|--------|
| Axes            | 5      | 5      |
| Max. payload    | 30kg   | 50kg   |
| Reach           | 1800mm | 1800mm |
| Repeatability   | ±0.1mm | ±0.1mm |
| Robot weight    | 475kg  | 500kg  |
| Supply capacity | 3.3kva | 6.7kva |

|                   |                     |                                  |                                  |
|-------------------|---------------------|----------------------------------|----------------------------------|
| System Dimensions | Robot height        | 1800mm-2800mm                    | 1800mm-2800mm                    |
|                   | Palletizing height  | 1800mm-2300mm (including pallet) | 1800mm-2300mm (including pallet) |
|                   | Pallet size         | 1200mm*1200mm*140mm              | 1200mm*1200mm*140mm              |
|                   | Deployed dimensions | 1200*2600*2800MM                 | 1200*2600*2800MM                 |
|                   |                     |                                  |                                  |

|                      |                                                                                                                                   |                            |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Operating Conditions | Temp.                                                                                                                             | -15~55℃                    |
|                      | Humidity                                                                                                                          | 20~80% RH (non-condensing) |
|                      | Vibration                                                                                                                         | 4.9m/s² or less            |
|                      | * No flammable/corrosive gases or liquids / * Avoid water, oil and powder / * Keep away from electromagnetic interference sources |                            |

Supporting Products

Tooling & Fixtures



Vacuum Grippers

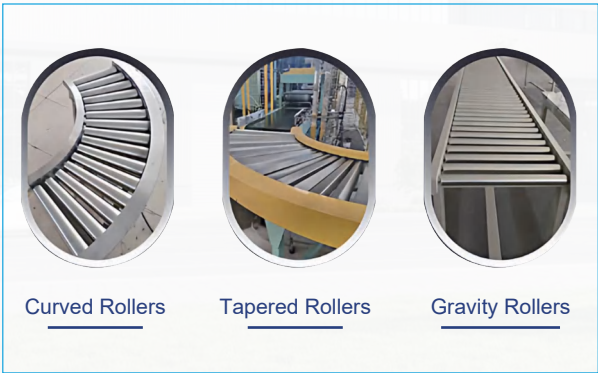


Multi-Cup Silicone Gripper



Foam Vacuum Gripper

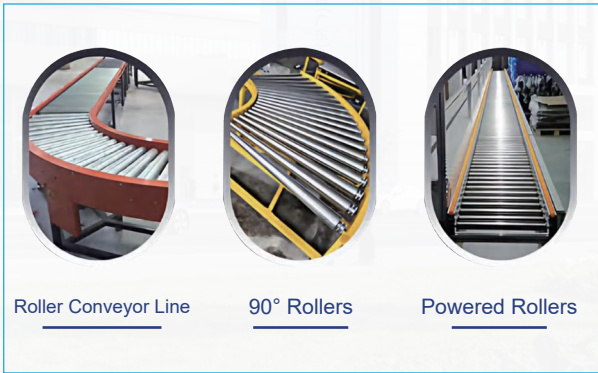
Roller Conveyors



Curved Rollers

Tapered Rollers

Gravity Rollers



Roller Conveyor Line

90° Rollers

Powered Rollers