

# Kawasaki Robotics

## Robot Lineup

Jul 1, 2024

Kawasaki Heavy Industries, Ltd.

Robot Business Division



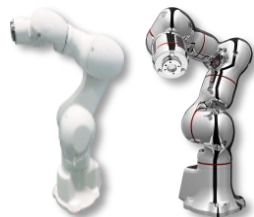
カワる、  
サキへ。

Changing forward

# Product lineup



For wafer transfer  
**N & T Series**  
(clean)



Medical & pharmaceutical  
**MC & MS Series**  
(4-5 kg)



Pick & Place  
**Y Series**  
(2-3 kg)



Collaborative dual-arm  
**duAro**  
(4-6 kg)



Arc welding  
**BA Series**  
(6-20 kg)



Small-to-medium  
**R Series**  
(3-80 kg)



Painting  
**K Series**  
(5-45 kg)



Sealing  
**BU Series**  
(15 kg)



Palletizing  
**CP Series**  
(80-700 kg)



Large robot  
**Z Series**  
(100-300 kg)

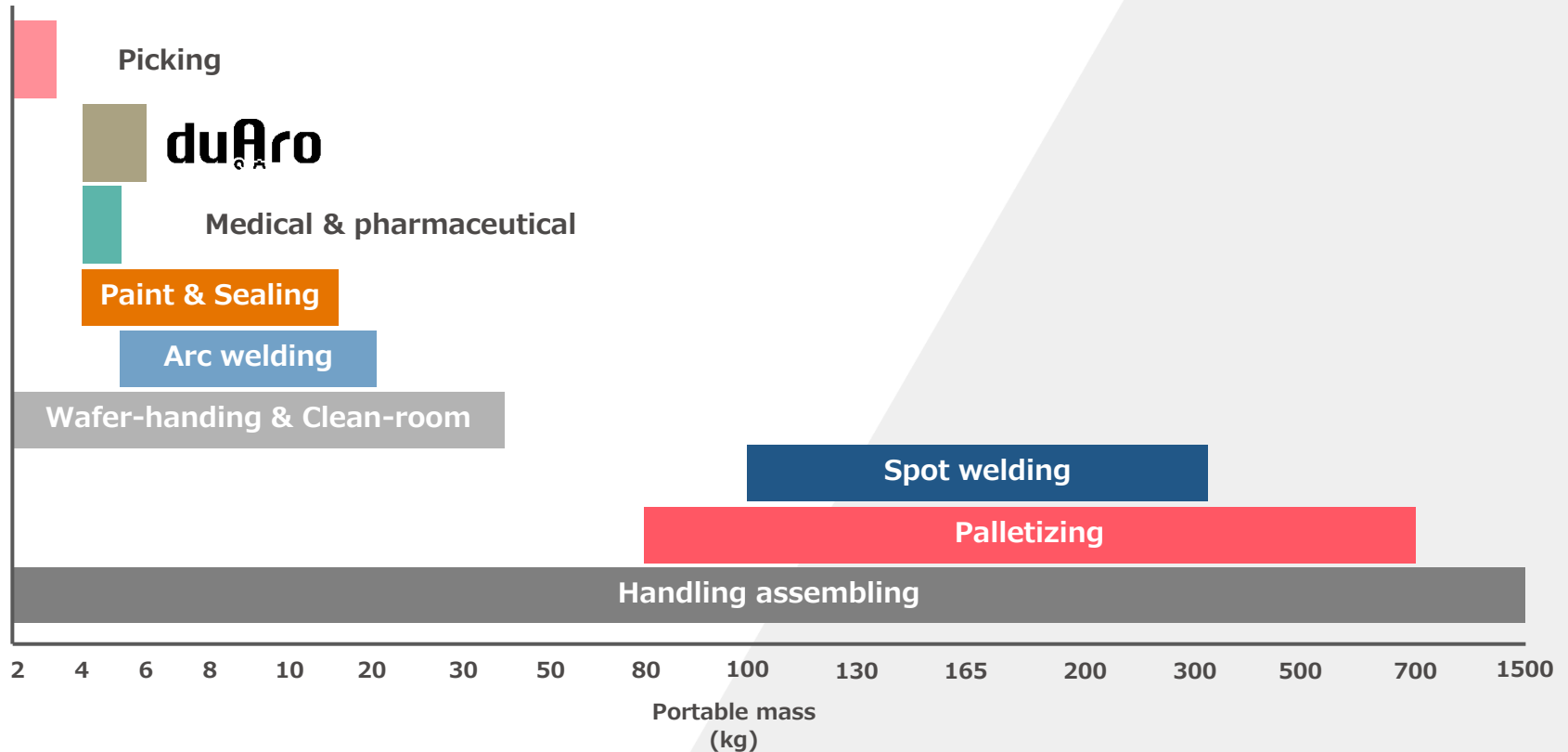


Large robot  
**BX & BXP Series**  
(100-300 kg)

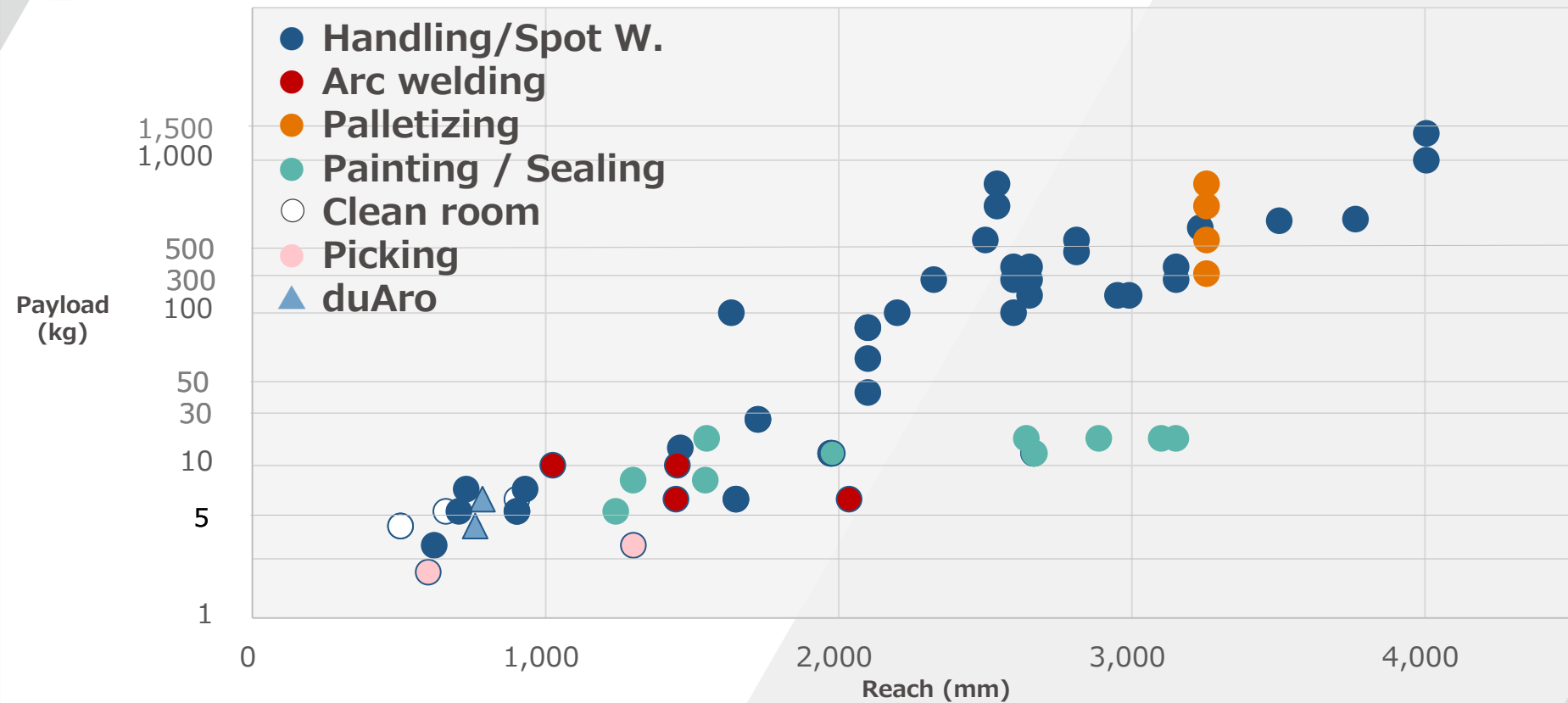


Extra large  
**M Series**  
(350-1500 kg)

# Comprehensive Product Lineup



## Comprehensive Product Lineup



# Small to Medium, General-Purpose Robots **R-Series**

## R-Series (3 - 80 kg, 10 models)

- Full lineup covers a wide range of applications
- Industry-leading high speed in their classes
- Compact, yet wide motion ranges

### Model

RS003N	RS015X
RS007N	RS025N
RS007L	RS030N
RS010L	RS050N
RS013N	RS080N



**RS003N**



**RS007N**



**RS013N**



**RS015X**



**RS025N**



**RS080N**

# Dual-Arm SCARA Robots **duAro1** and **duAro2**

**Collaborative Robot (4 - 6 kg, 2 models)**

- Space-saving installation without safety fence
- Dual arm construction duplicates human movements
- Easy programming thanks to direct teaching
- Extended vertical stroke for duAro2

Model	
duAro1	duAro2

# duAro



**duAro1**



**duAro2**



**Tablet for  
programming**

# Spot Welding Robots **B series**

**B series (100 - 300 kg, 4 models)**

No interference thanks to the hollow wrist and built-in cables.

Compact footprint allows for high-density installation.

## Model

<b>BX100N</b>	<b>BX250L</b>
<b>BX200X</b>	<b>BX300L</b>



**BX100N**



**BX200X**



**BX250L**



**BX300L**

# General-purpose Large Robot **BXP series**

**BXP series (110 - 210 kg, 8 models)**

- /// No interference thanks to built-in cables and hoses in the hollow wrist
- /// Lighter and more compact: a progress from the existing BX/BT series
- /// Higher speed due to high rigidity and new motion control technology

## Model

BXP110S	BXP165L
BXP110L	BXP210L
BXP135X	BTP165L
BXP165N	BTP210L

## Floor



/// **BXP110S**



/// **BXP110L**



/// **BXP135X**



/// **BXP165L**



/// **BXP210L**

## Shelf



/// **BTP210L**



# General-Purpose Large Size Robots **Z series**

**Z series (130 - 300 kg, 5 models)**

- /// Suitable for high temp. operations such as hot press press-tending thanks to wrist servo motors located at the shoulder.
- /// Light and compact design with a 360° working range
- /// Upgradable payload capacity by retrofit (Optional)

## Model

ZX130S	ZX200S
ZX130L	ZX300S
ZX165U	



**/ZX130S**



**/ZX165U**



**/ZX300S**

# Ultra High Payload Robots **M series**

**M series (360 - 1500 kg, 5 models)**

- Max. payload of up to 1500kg for heavy workpieces
- High rigidity assures high position repeatability
- Achieves a wider range of motion and high-speed motion despite its compact arm

## Model

**MXP360L MXP710L**  
**MXP410X MG15HL**



**/MXP360L**



**/MXP410X**



**/MXP710L**



**/MG15HL**

# Palletizing Robots **RD & CP series**

**RD & CP series (80 - 700 kg, 5 models)**

- Full lineup covering small to large workpieces
- Efficient palletizing system thanks to high speed
- Safe operation monitoring function available (optional)

## Model

CP180L	CP500L
CP300L	CP700L
RD080N	



**RD080N**



**CP180L**



**CP300L**



**CP500L**

# Arc Welding Robots **RA & BA series**

**RA & BA series (6 - 20 kg, 9 models)**

- Easy connection with welding equipment by a single cable
- Full lineup for a wide range of workpieces (RA series)
- Built-in cables and hoses to avoid interference (BA series)

## Model

BA006N	RA005L
BA006L	RA006L
BA013N	RA010N
BA013L	RA010L
	RA020N



**RA005L**



**RA006L**



**RA010N**



**RA020N**



**BA006L**



**BA013N**



**BA013L**

# Arc Welding Robot **RA010N**

Arc-welds Kawasaki motorcycle frames



# Painting Robots **K series**

**K series (5 - 45 kg, 10 models)**

- Full lineup to cover from small parts to automobile bodies
- Hollow wrist/arm construction to prevents dusts and foreign matters.
- Pre-designed package systems for easy and quick installation (optional)

## Model

KF121	KJ194
KF192	KJ244
KF262	KJ264
KJ125	KJ314
KJ155	KL262



**/ KF121**



**/ KJ155**



**/ KJ264**



**/ KJ314**



**/ KL262**

# Sealing Robots **BU series**

**BU series (15 kg, 2 models)**

- Two models to cover small to large workpieces for sealing
- Built-in cables and hoses to prevent interference and dusts
- Short and compact BU015N and long arm BU015X

**Model**

**BU015N BU015X**



**BU015N**



**BU015X**

# High speed picking robots **Y series**

**Y series (2 - 3 kg, 2 models)**

- Compact YF002N and wide motion-range YF003N
- Support washing with acidic and alkaline chemicals
- Grease and oil for food-machinery

Model

YF002N   YF003N



**YF002N**



**YF003N**



# Clean Robots for Medical & Pharmaceutical **MC, MS series**

## MC & MS series (4 - 5 kg, 3 models)

- ISO Class5 without vacuum piping.  
Supports VHP sterilization (MC004V). (MC Series)
- All-stainless steel and VHP resistant.  
FDA-approved gaskets and seals. (MS Series)

### Model

MC004N	MS005N
MC004V	



**MC004N**



**MC004V**

For  
VHP-sterilization



**MS005N**

Stainless  
Steel made

# Clean Room Robots for Wafer Transfer **NTJ, NTH, NX, TTJ series**

## Clean Room Robots (6 models)

- High accuracy, high rigidity and wide motion range
- Compliant with SEMI-F47 and SEMI-S2
- Large vertical stroke due to telescopic construction (TTJ Series)

Model	
NTJ10	TTJ10
NTJ20	TTJ20
NTH20	NX420

2FOUP



**NX420**

3FOUP



**NTJ20**

4FOUP



**NTH20**

Supports large vertical movement



**TTJ20**

# Controller and teach pendant

- /// **F series** : Smallest in its class, yet very powerful
- /// **E series** : Reliable long-run controller
- /// Explosion-proof type controllers for painting



**F01/02/03/04**



**F60**



**E01/02/03/04**



**Teach Pendant**

GenII



**E94**



**F25  
(Explosion-Proof)**

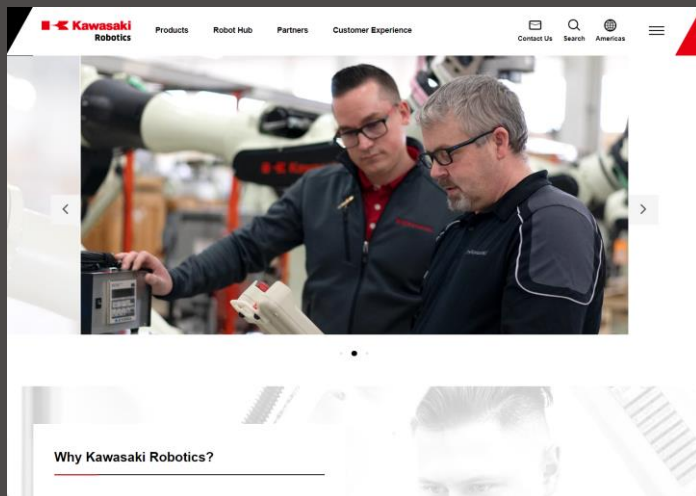


**E25/35/45  
(Explosion-Proof)**

# More information is available here

## Official Website

<https://kawasakirobotics.com/>



## YouTube

<https://www.youtube.com/@KawasakiRoboticsJP/videos>



# Unlocking Human Ingenuity to Create Robotics that Enrich the Future



## CAUTIONS TO BE TAKEN TO ENSURE SAFETY

- For those persons involved with the operation / service of your system, including Kawasaki Robot, they must strictly observe all safety regulations at all times. They should carefully read the Manuals and other related safety documents.
- Products described in this catalogue are general industrial robots. Therefore, if a customer wishes to use the Robot for special purposes, which might endanger operators or if the Robot has any problems, please contact us. We will be pleased to help you.
- Be careful as Photographs illustrated in this catalogue are frequently taken after removing safety fences and other safety devices stipulated in the safety regulations from the Robot operation system.
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