

KR 1240 & KR 1824

# More **Power**. More Reach. Same Kassow Flexibility.



Introducing the new Kassow  
Robots models.



Payload up to  
**40 kg**



Reach up to  
**1800 mm**



Speed up to  
**225°/s**

# More Capability. Same Flexibility.

Kassow Robots help you handle heavier parts, larger work areas and more complex setups.

The KR1240 and KR1824 combine high payload capacity with Kassow's signature seven-axis flexibility, delivering powerful automation in a compact and durable robot design.

With improved torque, increased stiffness and faster motion performance, these robots open new possibilities for heavy-duty collaborative automation.

## Easy-to-integrate solutions for a wide range of applications.

Check out our **Use Cases**



### Seven-Axis Flexibility

A unique seven-axis design enables greater freedom of movement and manoeuvrability.



### Compact Footprint and Slim Design

A slim joint structure and compact footprint allow easy integration into tight production environments.



### Extended Reach. Higher Payload.

High payload and extended reach combine to enable automation of demanding applications.



### Mobile Automation Ready

The EDGE variants deliver an unparalleled solution for mobile automation.

## Performance, Upgraded.

The new models deliver improved motion performance for demanding applications.



**1.5x**  
higher joint torque



**>20%**  
faster wrist joint speed



**40%**  
increased mechanical stiffness

## Expanding What's Possible



These performance gains translate directly into new capabilities across the Kassow Robots portfolio. The KR 1240 and KR 1824 extend automation into heavier, larger-scale applications that were previously out of reach.

With higher payload and extended reach, combined with seven-axis flexibility, the new models complement the existing range, enabling efficient multi-workstation setups and heavy handling.



Designed for mobile solution, controller integrated into the cobot base.

**Mobile Automation Ready**  
The EDGE variants deliver an unparalleled solution for mobile automation.



**EDGE** Edition



# KR 1240

Built for Heavy Handling

**40 kg** payload | **1200 mm**

The KR1240 is designed for handling large and heavy components in demanding industrial environments.

Ideal for:

machine tending



heavy pick-and-place



handling metal parts and assemblies



Its high payload capacity enables automation of tasks previously beyond the reach of collaborative robots.

## KR 1240 - Technical Specifications

### General Specifications

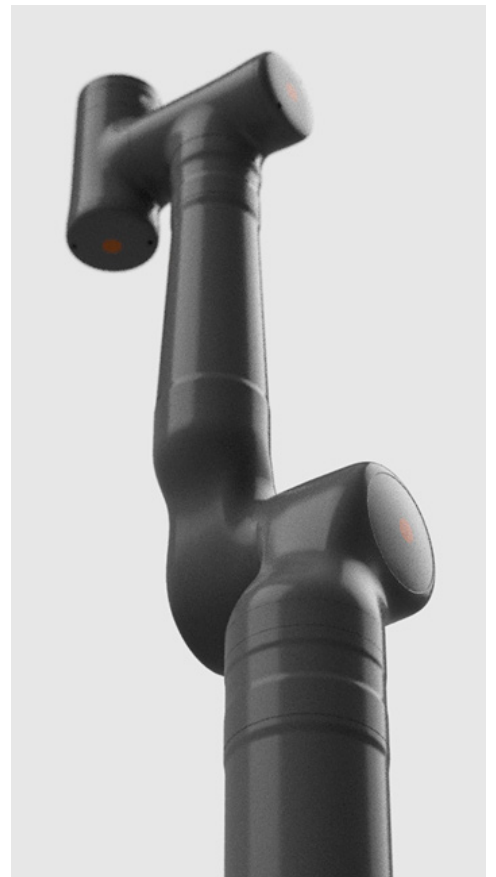
Reach (mm)	1200
Payload (kg)	40
Weight (kg)	80
Joint speed [deg/s] J1, J2	110
Joint speed [deg/s] J3, J4	162
Joint speed [deg/s] J5, J6, J7	270
Redundant absolute encoders on joints	Yes
Repeatability (mm)	+/- 0.03
Degrees of freedom	7
Footprint [mm] Standard base	194 x 194
Footprint [mm] EDGE base	194 x 229
Operating temperature (°C)	0-45
Body material	Aluminium
Protection rating	IP56
Sound level (dB)	<67

### Controller

Digital inputs dedicated E-stop & P-stop (Safety uses 2x I/Os for redundancy)	4
External 24V supply (A)	4
Digital Inputs (Safety supported in pairs)	16
Configurable digital inputs or outputs (Safety supported in pairs)	16
Analog Inputs, current/voltage	2
Analog outputs, current/voltage	2
Remote ON/OFF control	Yes

### Power

<b>OEM Controller / EDGE</b>	
Supply Voltage [VDC]	40-60
Prefuse Current Requirement [A]	25
<b>Stand Alone Controller</b>	
Supply Voltage	100-120 or 200-242
Supply Current [A]	16
Supply Frequency [Hz]	50/60





# KR 1824

## Built to Reach Further

**24 kg** payload | **1800 mm**

The KR1824 is optimized for applications requiring extended reach, high payload and a compact installation footprint.

Ideal for:

palletizing



packaging and logistics



end-of-line automation



Designed to handle larger workspaces and heavier loads with ease, the KR1824 expands what a single robot can achieve.

## KR 1824 - Technical Specifications

### General Specifications

Reach (mm)	1800
Payload (kg)	24
Weight (kg)	76
Joint speed [deg/s] J1, J2	110
Joint speed [deg/s] J3, J4	162
Joint speed [deg/s] J5, J6, J7	270
Redundant absolute encoders on joints	Yes
Repeatability (mm)	+/- 0.05
Degrees of freedom	7
Footprint [mm] Standard base	194 x 194
Footprint [mm] EDGE base	194 x 229
Operating temperature (°C)	0-45
Body material	Aluminium
Protection rating	IP55
Sound level (dB)	<66

### Controller

Digital Inputs dedicated E-stop & P-stop (Safety uses 2x I/Os for redundancy)	4
External 24V supply (A)	4
Digital Inputs (Safety supported in pairs)	16
Configurable digital inputs or outputs (Safety supported in pairs)	16
Analog Inputs, current/voltage	2
Analog outputs, current/voltage	2
Remote ON/OFF control	Yes

### Power

<b>OEM Controller / EDGE</b>	
Supply Voltage [VDC]	40-60
Prefuse Current Requirement [A]	25
<b>Stand Alone Controller</b>	
Supply Voltage	100-120 or 200-242
Supply Current [A]	16
Supply Frequency [Hz]	50/60



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**kassow robots**  
 strong · fast · simple

Joining forces with

**rexroth**  
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