

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 reach

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.

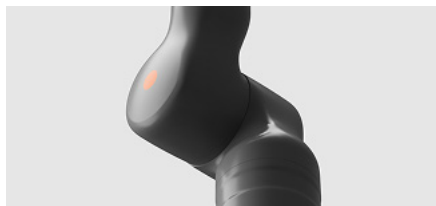
KR 1240 - Technical Specifications

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

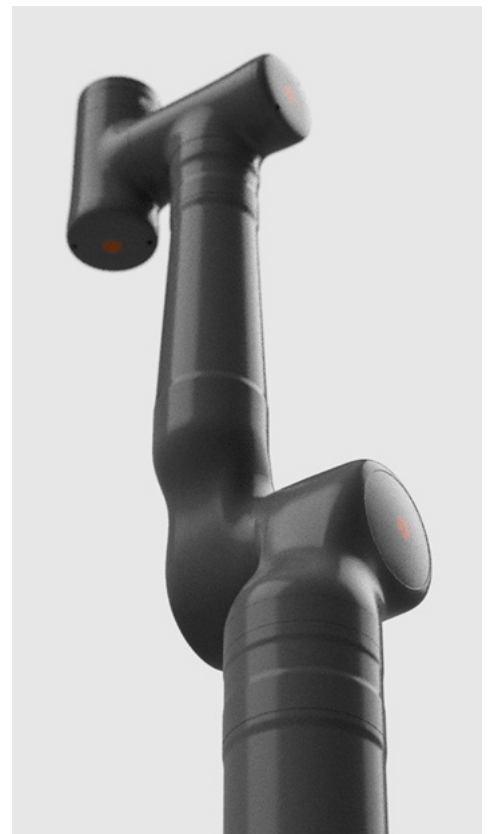
Controller

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

OEM Controller / EDGE	
Supply Voltage [VDC]	40-60
Prefuse Current Requirement [A]	25
Stand Alone Controller	
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 reach

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

OEM Controller / EDGE	
Supply Voltage [VDC]	40-60
Prefuse Current Requirement [A]	25
Stand Alone Controller	
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
 A Bosch Company