KR Series
Powerful flexibility through seven axes

Kassow Robots | Factsheet

kassow robots

UNIQUE SELLING PROPOSITION (USP)

Features:

- All Kassow Robots models have 7-axes
- Kassow Robots move with speeds up to 225 degrees per second
- Intuitive and user-friendly tablet technology
- Teach pendant with a graphical user interface and programing through drag and drop principle
- Impact detection via torque deviation
- Lightweight construction enables easy relocation and redeployment
- Robust construction for use in industrial environments
- A free drive button on the tool head enables easy teaching of robot
- Cloud storage and over the air updates

Advantages:

- Portfolio of robots for reaching application specific needs
- Quick commissioning through intuitive software
- Able to reach around the corner through the 7th axis
- Optimal combination of payload, reach and speed
- Quick learning curve for operators
- Enabling automation for non-robotic specialists and SME's
- Possibility for human-robot collaboration
- Execution of complex moves in limited spaces
- Two analog/digital In- and Outputs available on the tool head
- Sending of logfiles direct from the robot enables fast and efficient support
- Constant tool tip speed

TECHNICAL BASIC DATA

SOFTWARE BY KASSOW ROBOTS
Software based on Linux platform. The teach pendant is an android tablet. Providing the possibility of app-integration.

PRINCIPAL OF MECHANICAL DESIGN BY KASSOW ROBOTS
Powerful gears relative to the size of all 7 joints, result in a compact yet powerful robot.

THE POWER OF KASSOW ROBOTS
The 4 different joint sizes have a torque of up to 236 Nm; No other lightweight robot achieves the same high torque.

4 JOINTS
All Kassow Robots models are built using only 4 different joint sizes, resulting in modular production and spare part handling.

MAGNETIC ENCODERS
Absolute magnetic encoders with redundancy on each joint.

EXAMPLE APPLICATIONS

PICK AND PLACE

PAINTING

PACKAGING AND PALLETIZING

QUALITY INSPECTION

CNC MACHINE TENDING

INJECTION MOLDING