

# Integrated Robotics

## KeMotion complete solution



KeMotion is a cooperation between  
Comau and KEBE

# KEBE®



# COMAU and KEBA: the perfect combination

**COMAU** delivers high quality industrial robots suitable for every application.

Each robot model is designed with a reduced footprint, large work envelope, high reliability and low maintenance costs.

**KEBA** offers KeMotion, a complete solution for robot and machine automation. PLC, motion, robotics, drive technology, safety technology and HMI are all combined in a compact system.

This is the ideal basis for implementing all automation tasks into a single common hardware and software platform.

## One complete solution.

Choose one Comau robot model, and with KeMotion it is ready to use within a few hours.

The robot control provides simple configuration steps, and first movement sequences can be easily programmed.



**Benefit from the easy experience and enjoy all the advantages**

## Features

### Digital Twin

The Real World Simulation Package is a user-friendly 3D simulation tool for the easy creation, optimization, validation and visualization of robot programs and machine processes.

### Optimized Movements

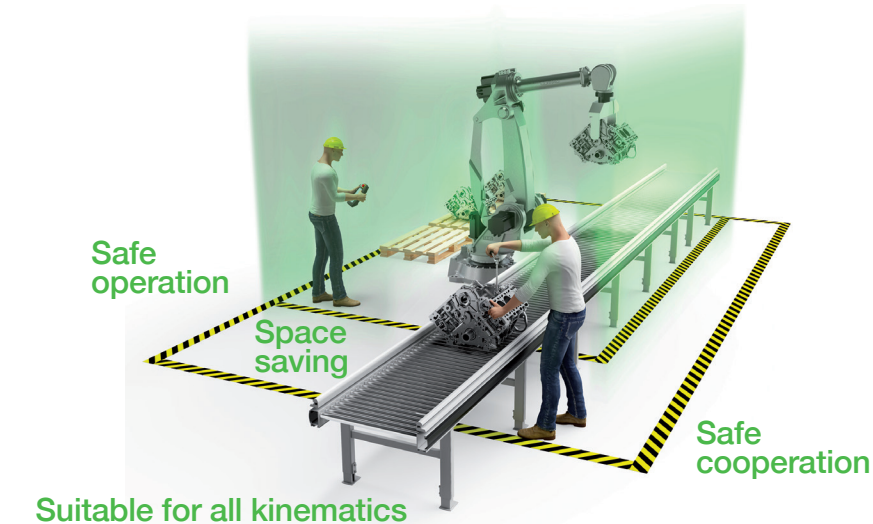
The look-ahead function moves in advance of the actual robot by pre-calculating the movements of the robot for a defined period of time. KeMotion can then automatically calculate the optimum dynamics on a desired path and respond accordingly.

### Fast & Precise

With the modeled representation of the real robot, the user can take individual components into account like masses, inertias, elasticities and frictions.

### KeSafe - Human Robot Collaboration

With the freely programmable, innovative and unique safety control KeSafe, the perfect interaction of human and Comau robot is possible. The Keba solution for safety is the intelligent base for a successful realization of different HRC-Applications.



## All-in-one system

The complete set of control, drives and safety provides high performance in the smallest control cabinet.

- Modular & scalable
- More than 50% space savings
- Cost-saving multi-axis drives
- Integrated safety controller



## Main advantages of KEBA + Comau solution

**Multi-robotics:** a single high performance, user-friendly control can efficiently operate with more robots simultaneously with several different kinematics (from cartesian to delta, from SCARA to 6 DOF robots), auxiliary axes included.

**Full integration:** the robots can be fully integrated in the line, aisle or with the machines. One platform for robotics, motion, PLC and safety.

**Full flexibility:** open software solution for an easy implementation of customer technology and handling strategy without any limitations.

**Large HMI portfolio:** mobile panels with displays from 1.45 to 10 inch with many types of connection boxes from the market leader.

Local distributor

**NOTE:** Depending on the robot arm model of your choice, working areas, repeatability and axes, speed limitations might differ from the values that are declared in case of standard supply (robot arm and Comau control unit). **Please check any possible discrepancy with KEBA.**

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**Made in Comau**