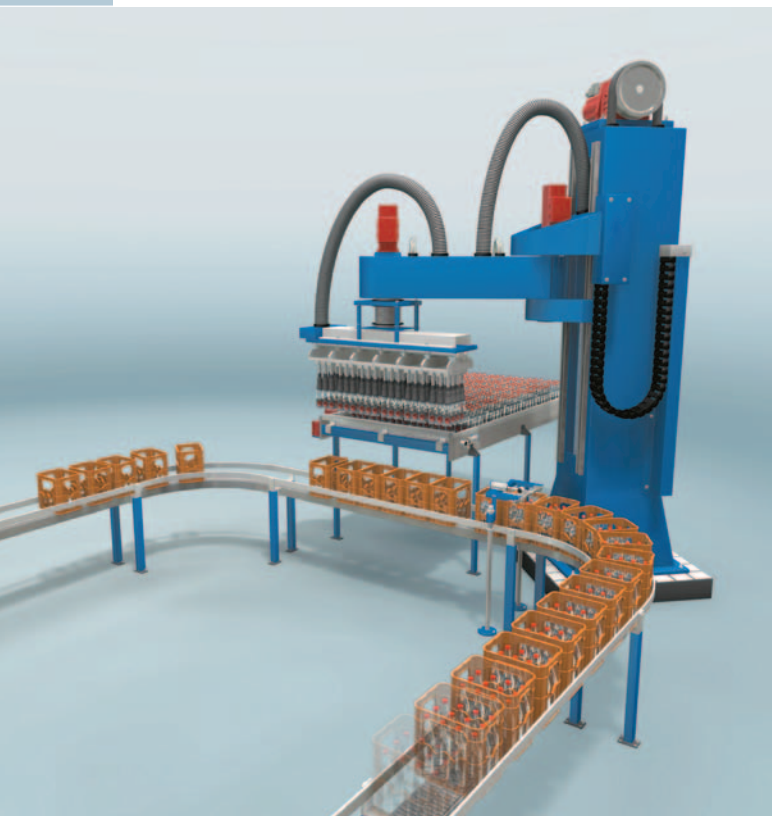**SEW EURODRIVE**

Control Technology – Configurable Control Unit:
"HandlingKinematics" application module

Product handling forms an important step in the process chain in factory automation. The "HandlingKinematics" application module supports fast and easy startup of kinematics for handling applications. This is achieved by intuitive software with graphical configuration as well as a clearly structured diagnostics and monitoring function. The path segments sent by the higher-level controller are moved through in an optimized manner by means of the configurable control unit. This means that strain is taken off the product and the mechanical parts. Additionally, the cycle time can be reduced significantly by means of definable blending, clock-synchronous path control with look ahead function, and by passing interfering edges while maintaining contour accuracy.

Functionality:
– Fieldbus interface with up to 20 path points
– Simulation of processes and diagnostics is possible without a real machine
– 4 programs with different motion profiles
– Numerous mechanical systems with up to 4 degrees of freedom
– Reproducible path fidelity even after malfunctions
– Combinable with up to 8 other application modules
– Definable wait points for every path segment
– Touch probe measurement function and sensor-based positioning
– Easy transition to programmable MOVI-PLC®

Requirements:
– Configurable Control Unit advanced
   - DHF41B (PROFIBUS, DeviceNet)
   - DHR41B (PROFINET, Ethernet IP, Modbus TCP)
– Technology level T5 (T4 for Cartesian gantry)
– 10 technology points for 3D simulation (30 minutes free)
– Drive electronics:
   - MOVIDRIVE® inverter
   - MOVIAXIS® multi-axis servo inverter
   - MOVITRAC® LTX servo inverter

Your requirements for an application solution with the Configurable Control Unit from SEW-EURODRIVE

Name, first name

Department / function

Company

Street name / house number

Telephone

Telefax

ZIP code / town

Email

Brief description of the application

Number of axes

Other

Required drive electronics

Required cycle times / response times

You find contact addresses on the rear page of the folder
or in the internet at **www.sew-eurodrive.de**.