

SERVO INVERTER

## **Drive for cranes with CANopen**

**The ANG (Active Next Generation) servo inverter series expands the Bonfiglioli drive portfolio with functionalities like positioning and synchronization of traction drives. It provides a CANopen interface.**

THE COMPANY HAS DEVELOPED THE ANG SERIES to meet the requirements of special machinery in a range of industries. One feature, in particular, is a positioning configuration, which is dedicated for travelling drives in crane applications. With a micro-controller, several functionalities are embedded in the product including Cyclic Synchronous Positioning mode with cubic interpolation, brake control, and evaluation of feedback contact. As communication protocols CANopen, EIA-232, Ethercat, Ethernet, and Profinet are provided. The optionally available CANopen interface supports the CiA 402 profile standardized internationally in IEC 61800-7-201/301.

Moreover, a single-axis for the control of servo motors, induction motors, and synchronous reluctance motors has been added. The series comes with a power rating of 0,25 kW to 400 kW and a voltage rating of 400 V, 525 V, or 690 V. PLC functions with graphical software tool are provided.



*SIL-2 safety function is provided  
(Photo: Bonfiglioli)*