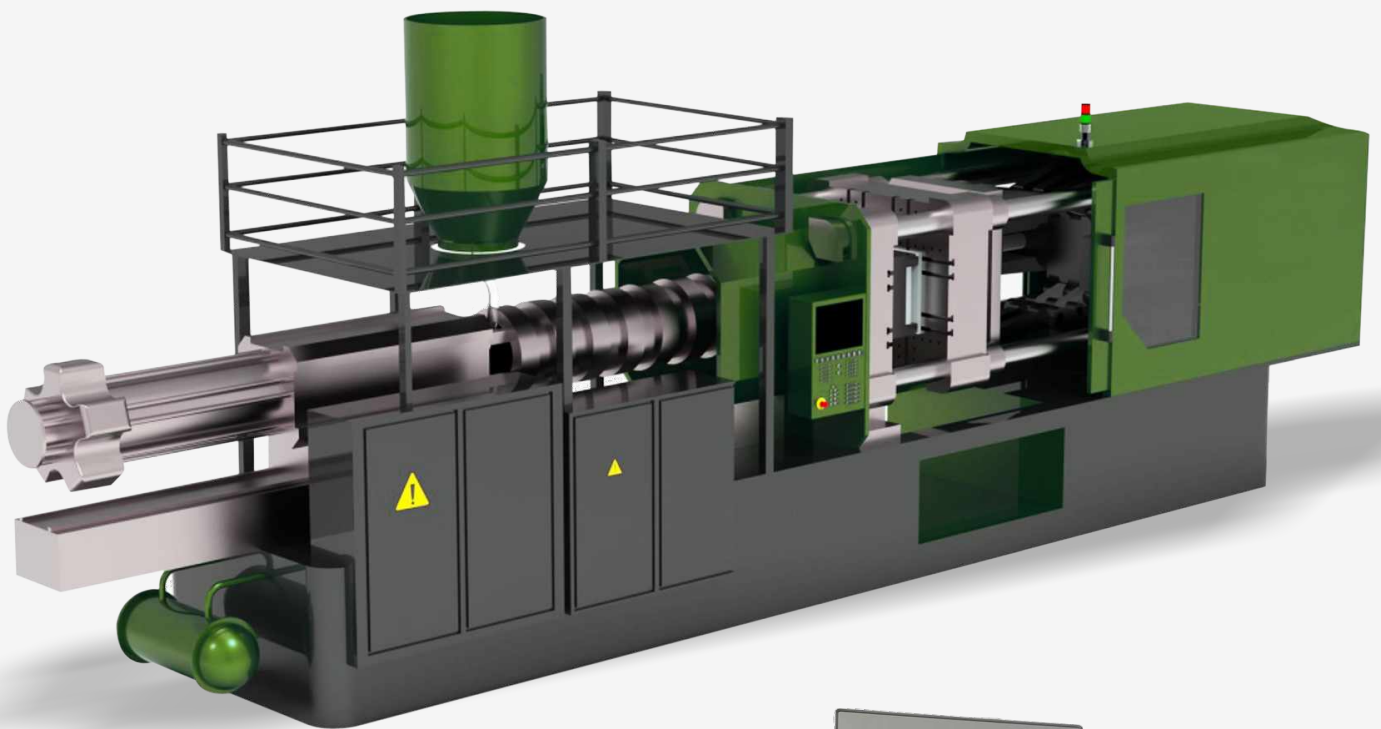


INJECTION MOLDING CONTROLLER



ABOUT B&R

B&R Industrial Automation GmbH is a manufacturer of automation technology and ABB's global center for machine and factory automation. B&R was founded in 1979 by Erwin Bernecker and Josef Rainer and is headquartered in Eggelsberg, Upper Austria. Today, B&R is one of the world's leading solution providers for machine and factory automation and is responsible for machine automation within ABB's Robotics & Factory Automation division. Continuous innovation and strong partnerships have characterized B&R for more than 45 years.

FEATURES

- Advanced Process Control for optimal molding quality
- Integrated Motion Control for synchronized operations
- High-Performance CPU ensures real-time data processing
- Optimized algorithms to reduce power consumption
- Scalable Architecture for various IM machine sizes and complexities

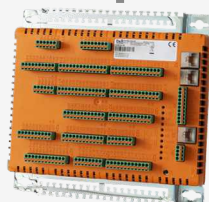


SYSTEM OVERVIEW



4EPIMC30.104P-30K
SM9 PANEL

Ethernet



XEPIMC200
SM9 IO BOARD 200

SM9 Set with IO board 200

4EPIMC30.104P-30K

- SMARTMOLD C30, 10.4", SVGA (600x800)

XEPIMC200.02

- CPU I/O board, ARM Cortex A9-667 MHz
- 2 GB Flash memory
- 512 MB DDR3L SDRAM
- 64kb FRAM, 24 VDC
- 2x Ethernet interface
- 1x CAN bus, 1x RS485 interface
- 1x USB 2.0 interface
- 1x POWERLINK interface
- 1x X2X Link interface
- 43 digital inputs, 24 VDC, sink/source
- 2 event counters or gate/period Measurement, 33 digital outputs
- 24 VDC, 2A (50%), 20 digital outputs
- 24 VDC, 0.5 A, 2 PWM outputs, 3 A
- 8 Thermocouple inputs J, K, S, N
- 4 Analog inputs for potentiometers
- 0 to 10V, 0 to 20mA, 4.5V, 14-bit
- 2 Analog inputs $\pm 10V$, 14-bit
- 7 Analog output, $\pm 10V$, 12-bit

XEPIMA200.01

- SMARTMOLD IO connector set (119 I/O's) cage clamp terminals



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