



S. Bi. Automations

Industrial Automation Projects

MOTION WITH SINAMICS

The new servo drive series of Siemens, Sinamics, incorporates capabilities of small PLC systems. Our experience and profound know-how on servo motion systems allows us to talk about full automation without using external PLC systems. Request a demo of our projects.

HIGH STANDARD PERFORMANCE

Our clients who have trusted us to transform their machinery, have experienced the successful result of their choice from the first day they got their machinery back in the field of production. The average of machinery output was from 25% to 40%, proving that we turn our promises into action! Even more, the use of quality material and smart systems, such as Sinamics Drives, is one more reason to be sure about the results of such interventions.

Make an appointment now with one of our associates in the technical department, so that they can study your case and come up with the optimum solution for the achievement of equally successful goals at your industry as well.

The smart motion system for your machinery



We provide motion control solutions aiming at synchronized control of the motions of modern electromotors with one or multiple axes. Motion Control systems are applied on high technology robot systems, as well as on machines for production, cutting, packaging and motion.

The technological innovations of motion control systems allow us to precisely check and synchronize the motions of a machine, the increased dynamic response of an engine, and enable us to control the closed loop. These systems also contribute to the low consumption of the engine, especially when they are combined with high efficiency motors.

Motion Control systems address to all industrial fields and especially to applications where precision and motion quality are primary parameters. Moreover, the wide range of models serves a plethora of motion control applications.

Advantages

- Motion control and PLC in one. Dynamic function blocks and closed loop control blocks are combined in one platform.
- Reduction of engineering and construction cost. Increase of possibilities for engine control and full drives and motions parametrization in just a few steps.
- Robust platform based on the successful style of Simatic.
- Increase of machinery output through innovative features of the system.
- Full 24/7 technical support by S.Bi.A.

OTHER PRODUCTS

Smart Stop
Fault Recognition
Sleep Function
Slide Bars
Pulse Vibrator
Vertical Blower
PLC
HMI
SCADA
Multi Axis Servo



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