

New, ready to go
and very simple!

simotion easy set PACKAGING



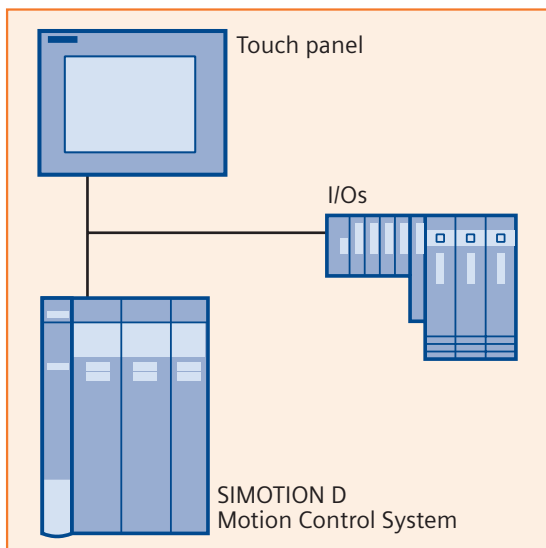
SIEMENS

The first all-inclusive automation package for form, fill and seal machines

From now on, automating your vertical and horizontal form, fill and seal machines will be easier and more economical. Our new automation package provides you with a total solution at an attractive price. And here's the best part: The package is ready to ship from our factory!

Your main advantage: A uniform automation platform that includes a software library for standard tasks.

Plus, the package is state-of-the-art motion control from Siemens, supports typical technologies of a form, fill and seal machine, it is based on standards, and it's open for add-ons – these are just a few highlights we've "packaged" for you.



Standard packages with all extras

We supply four standard packages:

- SIMOTION Easy Set for vertical, intermittent-motion form, fill and seal machines
- SIMOTION Easy Set for vertical, continuous-motion form, fill and seal machines
- SIMOTION Easy Set for horizontal form, fill and seal machines standard
- SIMOTION Easy Set for horizontal form, fill and seal machines high-speed

What hardware is included ...

The standard packages include all essential automation components, such as the control, mains infeed and power sections of the new compact SINAMICS line of drives, I/Os, connector plug for the bus, operating and monitoring unit and power supply unit. The SIMOTION D motion control system supports simultaneous programming of PLC and motion control on a single device. The required runtime licenses are also included in the package.

To complete the automation of the machine, you only need to order the motors, switchgear and cables.

An option for those who need it: You can also order the entire package factory-installed and wired in a control cabinet.

As a packaging machine manufacturer you'll be impressed by all the advantages of our new all-inclusive package!

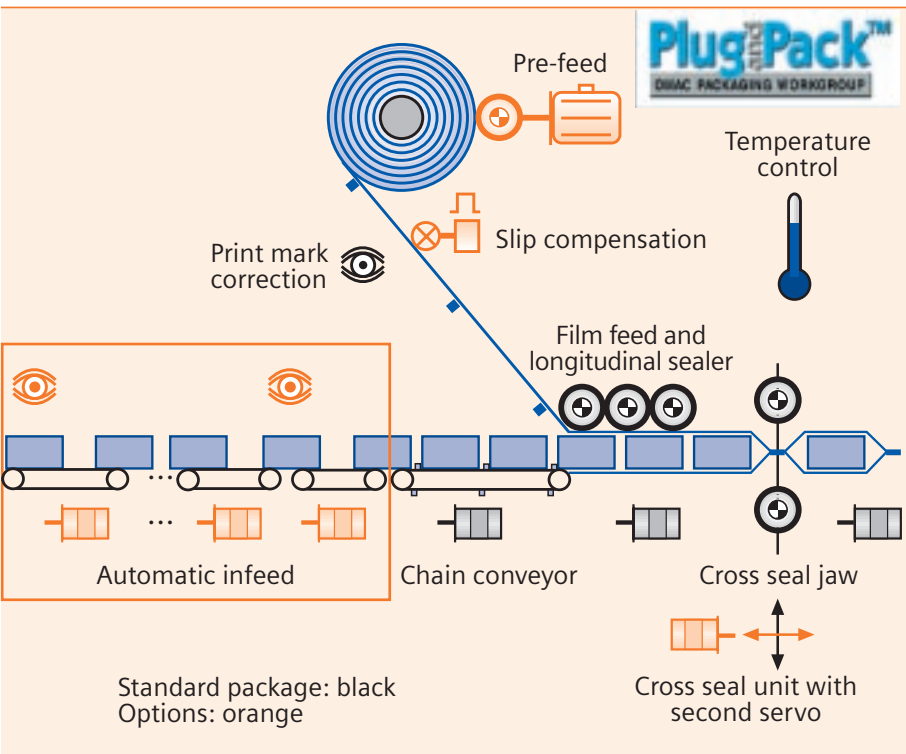
Everything's going to be very simple, because ...

- ... it's a ready-to-ship, complete solution package at an extremely attractive price
- ... the installation and start-up of the machine will be faster: With our solution you don't have to bother with standard tasks in configuring drives, programming, installation and start-up
- ... it's so easy to get started with the included sample projects and a preconfigured software library
- ... the package contains a standard set of components – which can be expanded with various available options
- ... it can accommodate your specific options
- ... it's a safe investment as the hardware and software are scalable and conform to all the most important industry standards. Programming: IEC 61131 Communications: Ethernet, Profibus, OPC Integration into packaging systems: OMAC
- ... you get greater freedom in defining your machine specifications and can create new competitive advantages
- ... you maximize your margin of safety through the global availability of Siemens



Hardware and software are infinitely expandable!

You can use the wide range of opportunities SIMOTION D gives you to expand the functionality of your particular machine. The programming complies with IEC 61132. A common instruction set is provided for motion control and logic functions.



It's all in the toolbox

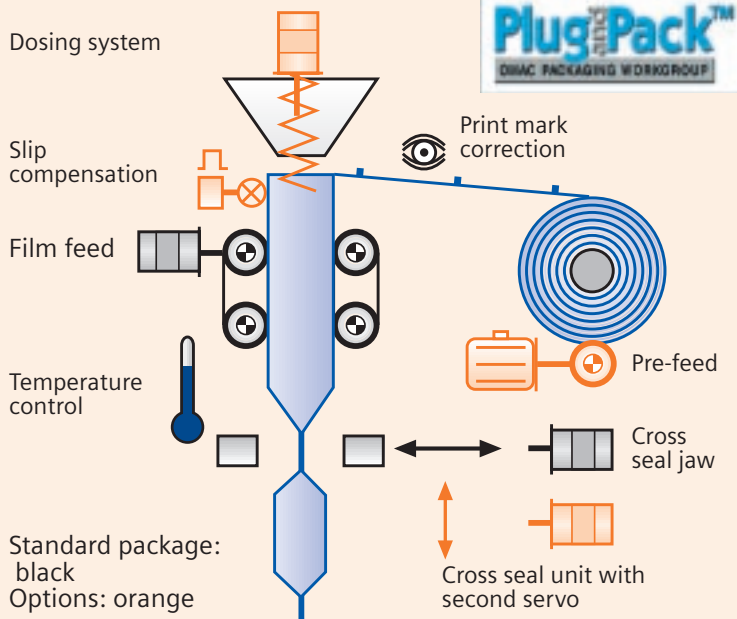
Different machine versions? Don't worry: You can add options to the standard packages. Just select the components you need from our building block system. So you can tailor the automation package to the particular requirements of your machine.



... and what software?

The included library of open software enables you to implement a wide range of motion tasks. The software modules provide functionalities for different subsystems of a form, fill and seal machine, for instance for the transverse sealer, film feed with print mark correction, slip compensation and temperature control with self-tuning.

The software design is modular and supports the automation of individual machine versions. When different cross sealers are in use, you simply use the corresponding software module from the library.



The software library uses the latest OMAC PackML guidelines (descriptions of machine operating conditions, designation of variables) and provides operating data for the higher-level control systems through a data interface. This substantially simplifies the integration with the existing equipment.

The user interface includes screens for standard tasks (e. g. temperature regulation, jog mode or diagnostics) as well as machine-specific adaptations. As a result, you'll be able to handle installation, start-up and service tasks without using the engineering system.



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Motion Control Systems
Solutions for Packaging Machines
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The information provided in this brochure contains merely general descriptions or characteristics of performance which in case of actual use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.

New, easy, and ready to go? You bet I want that package!

Please give me a quotation for:

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- SIMOTION Easy Set for vertical, continuous-motion form, fill and seal machines
- SIMOTION Easy Set for horizontal form, fill and seal machines standard
- SIMOTION Easy Set for horizontal form, fill and seal machines high-speed

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Company

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