

WE ARE GLASS PEOPLE

HEYE

SIMOTION® SERVODRIVE

Type 4522

HiPERFORM



 heye
international

HEYE SIMOTION® SERVODRIVE

This highly-flexible control is based on the future-proof multi axis drive System Simotion® of Siemens. Excellent reliability of the electronic components in combination with the application of a compact servo motor with robust resolver guarantee a reliable non-stop operation.

Control

Even with respect to servicing this control is perfect as it is easy to handle. If control components should have to be exchanged complicated manual addressing or programming is not necessary because the configuration data are stored on a memory board. When the control is started the data are automatically transferred. Hence, the commissioning times and downtimes in case of servicing are short, the training effort for the service staff is less.

Handling

An easy handling is guaranteed by a 12" touchscreen which renders possible to set the parameters for the control and to display messages or operating conditions as well. Optionally, as additional operating unit an external control console can be installed.

Modular construction

The control cabinets are offered in the widths 800 mm, 1000 mm and 1200 mm.

The standard version has a width of 800 mm and is suitable for up to 8 servo axes. For more than 8 axes widths of 1000 mm and 1200 mm are available.

Optionally, a capacitor module can be installed in the control cabinet. This module serves to bridge short mains voltage interruptions.

ADVANTAGES OF THE PROCESS VISUALISATION

- High availability by an independently operating visualisation and real time control.
- Easy access on all parameters.
- Error report for all systems.

ADVANTAGES OF THE CONTROL

- Repeatable motion profile.
- Additional servo axes can be upgraded in a modular way.
- Parameters can be set during the motion.
- No active electronics in the IS-Machine area.

® = Simotion is a registered trademark of Siemens



EASY INTEGRATION

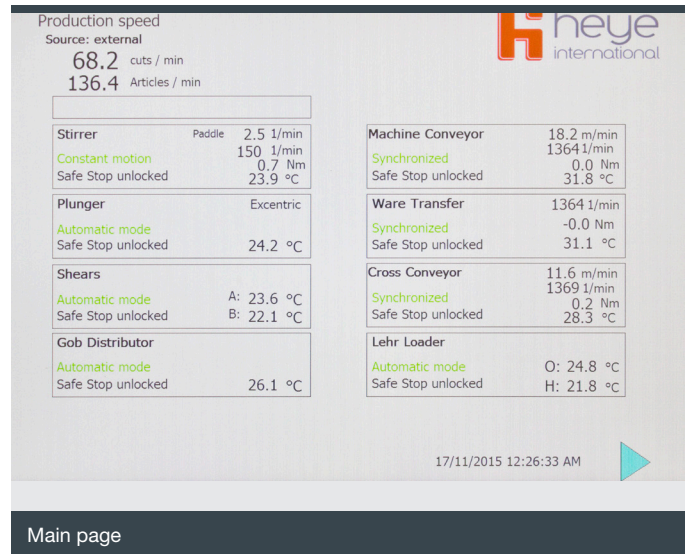
The system can be integrated excellently in a production system as it can act on the one hand as “Master” (pulse generating system) or on the other hand as “Slave” (system which synchronises on receipt of an external signal).

ANY COMBINATION

Almost all peripheral drives like:

- Rotor Mechanism
- Plunger
- Dual Motor Shears
- Gob Distributor
- Machine Conveyor
- Ware Transfer
- Cross Conveyor
- Lehr Loader
- Lehr

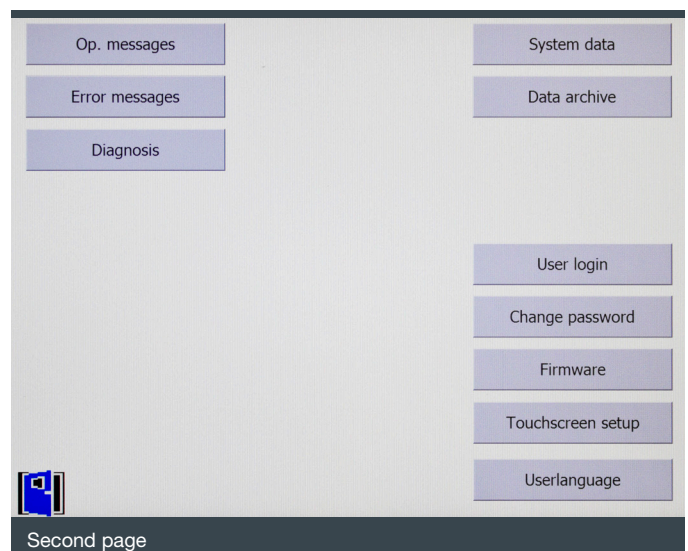
can be combined in one control cabinet as desired.



RETROFIT

We also offer this control unit to replace old control components and to modernise existing systems.

We would be pleased to offer you tailor-made solutions for your existing systems.



OVERVIEW

Advantages

- Easy to handle by 12" touchscreen.
- Heye Simotion® Servodrive can be integrated in the production either as master or as slave.
- No manual addressing or programming required as the configuration data are automatically transferred to the control components.
- The modular design renders a simple and cost-saving upgrade of existing systems possible.
- Low training expense, self-explanatory and easy to operate.
- Quick commissioning and short downtimes in case of servicing.

Technical Data

- Dimensions
width/height/depth 800 / 2200 / 600 mm
1000 / 2200 / 600 mm
1200 / 2200 / 600 mm
- Weight 320 - 400 kg
- Power input with two active ventilators depending on the number of axes
- Mains supply three-phase 380 - 480 V \pm 10 %
PE, no neutral wire
- Mains frequency 50/60 Hz \pm 3 Hz
- Mains fuse 35 A slow-blow (to be made available by the customer)
- Ambient temperature for the control unit max. 35°C

Optional

- External control console



Illustrations are non-binding and may include optional equipment. Products are subject to continuous technical modifications.

The mentioned consumption values are non-binding and are subject to the customer's individual production program.

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