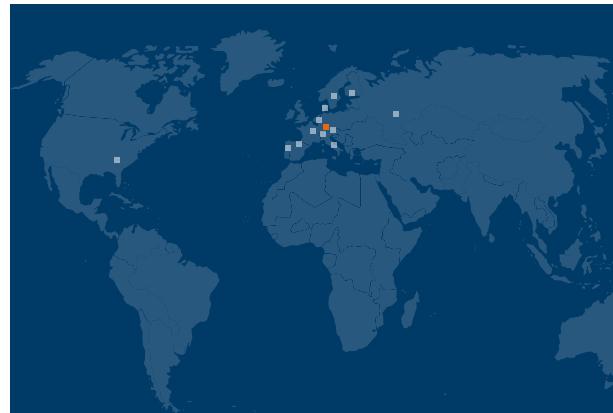


Why our products have no weaknesses?
Because we detect them beforehand.

Simulation-based cabinet development with häwa



häwa GmbH

Industriestraße 12
88489 Wain
Tel. +49 7353 9846-0
Fax +49 7353 1050
info@haewa.de
www.haewa.de

USA Duluth, GA 30097

haewa Corporation
3768 Peachtree Crest Drive
Tel. +1 770 9213272
Fax +1 770 9212896
info@haewa.com

D 08451 Crimmitschau

Sachsenweg 3
Tel. +49 3762 95271/2
Fax +49 3762 95278
vertrieb.c@haewa.de

D 47167 Duisburg

Gewerbegebiet Neumühl
Theodor-Heuss-Str. 128
Tel. +49 203 346530
Fax +49 203 589785
vertrieb.d@haewa.de

CH 8967 Widen

häwa (Schweiz) ag
Gyrenstrasse 5a
Tel. +41 43 3662222
Fax +41 43 3662233
info@haewa.ch

F 67140 Eichhoffen

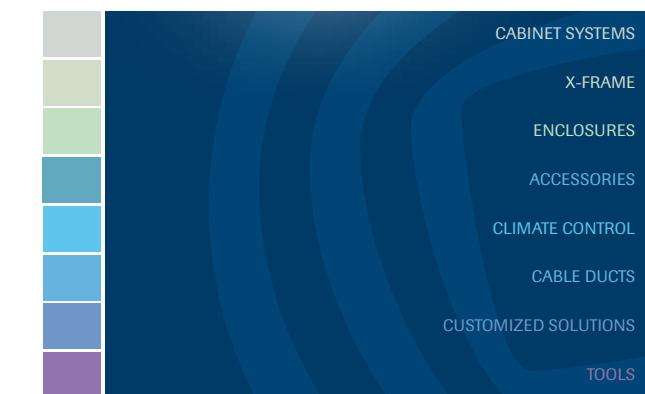
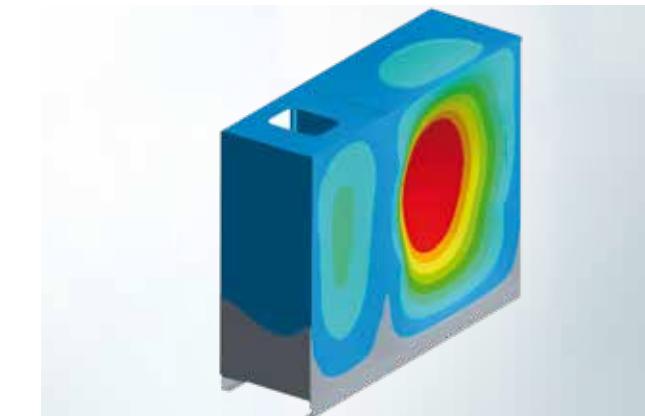
häwa-France
Siège Social
8 B Rue des Industries
Tel. +33 3 88088880
Fax: +33 3 88088859
info@haewa.fr

NL 7500 AC Enschede

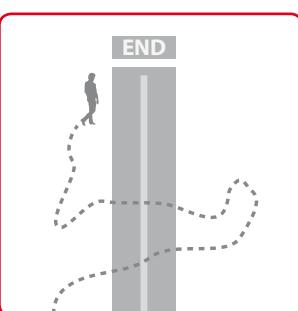
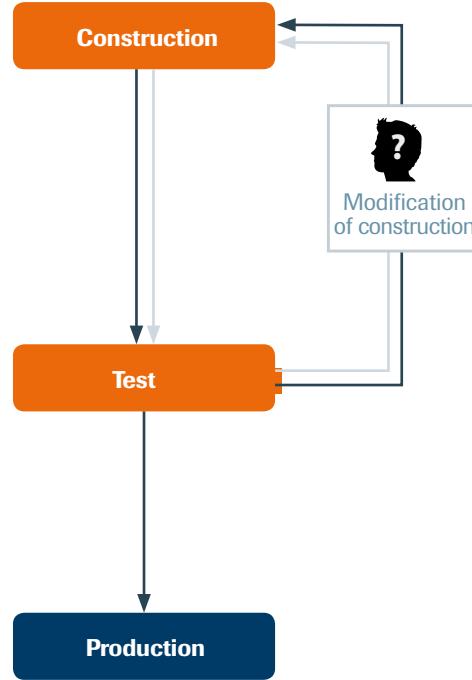
häwa Nederland B.V.
Postbus 136
Tel. +31 53 4321835
Fax +31 53 4303414
info@haewa.nl

At a glance:

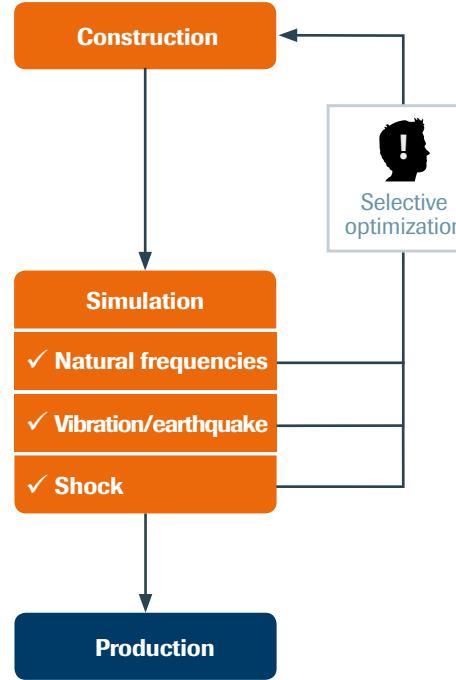
Simulation-based cabinet construction



Typical development process



Simulation-based development process with häwa



- Efficient detection of weak spots
- Selective optimization
- Shortened development time, lower costs
- Visualization of physical characteristics

Simulation-based cabinet construction

Resonance frequency determination

Frequency at which a system (cabinet) vibrates after a one-time stimulation. If an externally imposed oscillation coincides with the natural frequency of a cabinet, this results in particularly large amplitudes - which is called resonance.

Vibration / earthquake

Property analysis of a system which is exposed to vibrations that are unknown and erratic in characteristic and strength.

Shock

Determination of a structure's reaction to an impact or shock.

Safe time and money!

