

HAYER & BOECKER



DIE MASCHINENFABRIK

ELEMENTRA® EGF

SETTING THE STANDARD FOR BIG BAG FILLING



MODULAR

Configure the ELEMENTRA® EGF so that you can optimally fill the Big Bag – the way you want it.

All developments at HAVER & BOECKER are initiated by you, the customer. When we asked you what you wanted when it comes to Big-Bag filling, your answer was clear: "We want a flexible filling system that works cleanly, is weight-precise and offers the large packaging a high stability." We understood. With the ELEMENTRA® (E), great packages (G) can be filled using free fall (F). Not only a machine was created, but an entire modular system as well. This system allows you to select components with the aim of configuring the ideal system. The ELEMENTRA®-packing system is especially suited for loose products of every type. Configure your ELEMENTRA® system in only 3 simple steps.

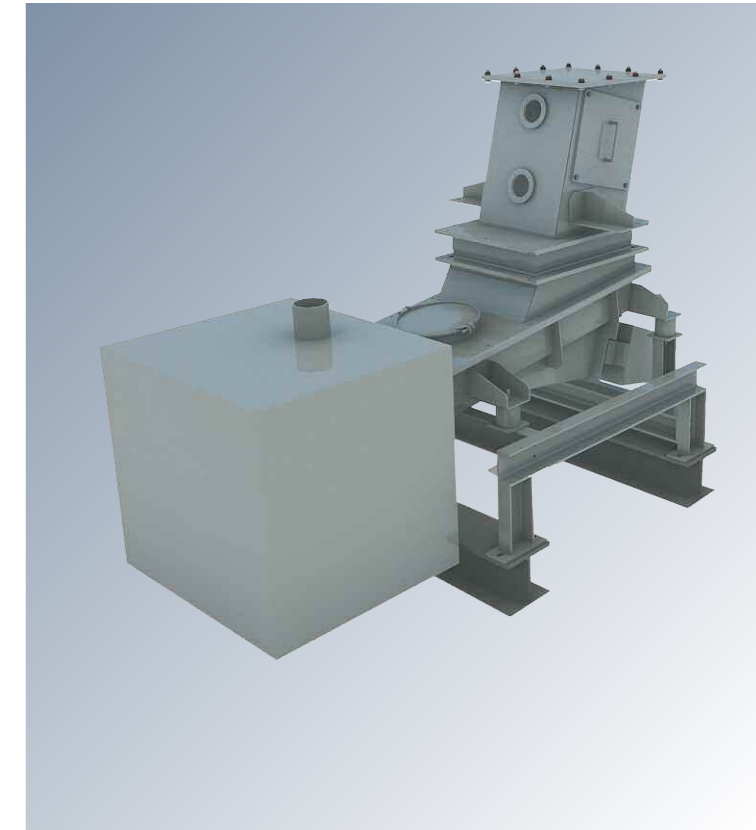


CHOOSE YOUR DOSING SYSTEM

No matter which product you're working with, the ELEMENTRA® EGF offers you the right dosing system. Together we'll define the system that's ideal for you.



Turbine dosing for powder



Splitters/belt dosing for product blends and mixtures



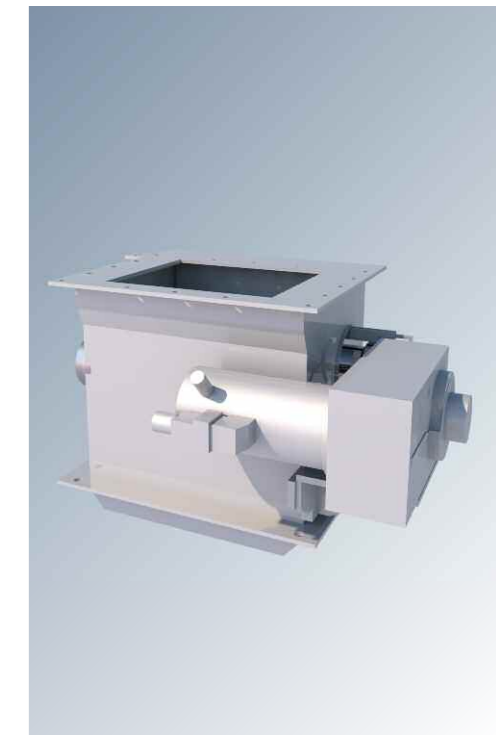
Screw dosing for powder



Rotary flap for grainy products to granulates



Cone dosing for fine grain products (flushable)



Flap dosing for granulates

SELECT YOUR OPTIONS

Configure your ELEMENTRA® EGF using the menu of components.



Complete filling head with automatic bag retrieval



Side view of filling head and weigher cells



Blaine sleeve



Automatic hanging unit



Side view of drive unit



Drive unit for stepless handling



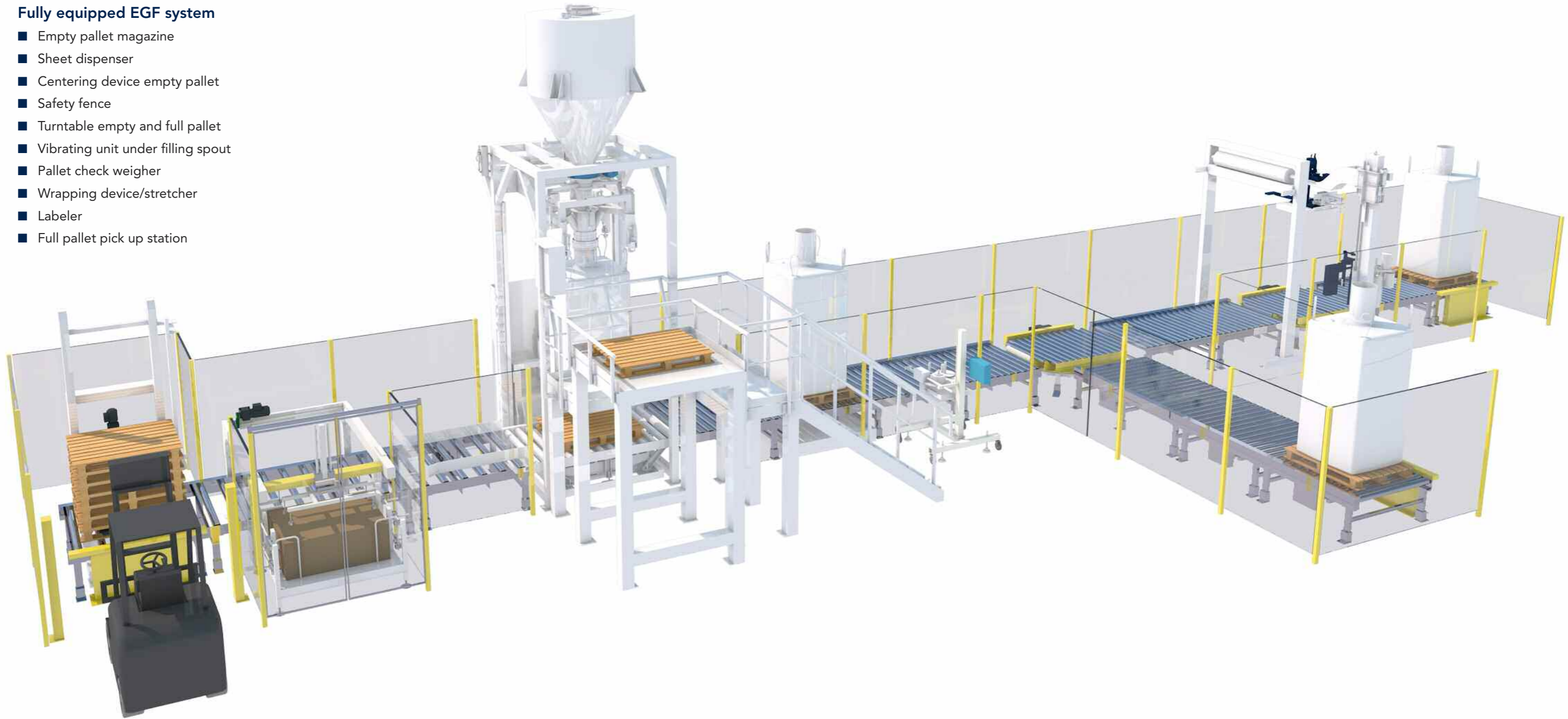
Movable compaction station with belt drive

COMPLETE YOUR SYSTEM.

Supplement your ELEMENTRA® EGF by selecting the suitable accessories to complete your system.

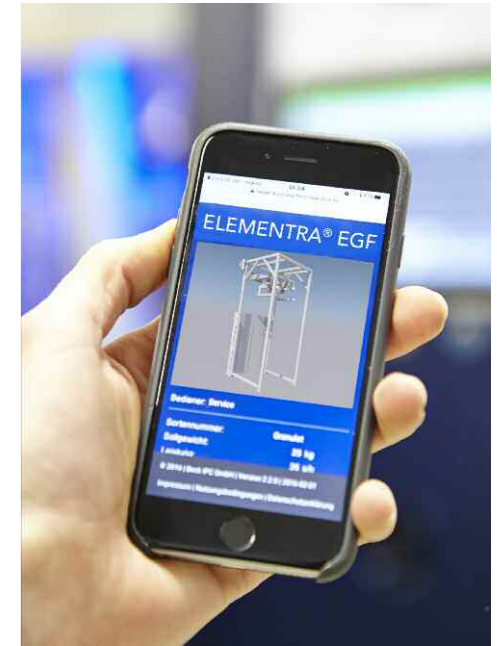
Fully equipped EGF system

- Empty pallet magazine
- Sheet dispenser
- Centering device empty pallet
- Safety fence
- Turntable empty and full pallet
- Vibrating unit under filling spout
- Pallet check weigher
- Wrapping device/stretcher
- Labeler
- Full pallet pick up station



INTUITIVE OPERATION

The brain of the ELEMENTRA® is the series-produced MEC® 4.0 electronic weigher system, which not only controls the scale, but also all individual modules in order to achieve a networked weight-precise filling. So that you can optimally and intuitively operate your ELEMENTRA® EGF system, it is equipped with a large touchscreen panel. This allows you to carry out all functions and diagnostics with just the touch of a finger. And so that you can use the full potential of the MEC® 4.0, select the optional HAVER QUATTRO system.



All systems are optionally available with a permanent mobile system monitoring, remote technical maintenance and the personalized RFID LOG-IN via a chip or stick with immediate display of the operator's authorization level.



MEC® 4.0 Touch Panel



CUSTOMIZED SOLUTIONS

Our ELEMENTRA® EGF modular concept still does not offer you every solution that you need? No problem. We would be pleased to build you a customized system that is tailored to meet every detail.



Big-Bag system on air cushion, movable bag doubling



Movable Big Bag System capsuled, in a clean room (Explosion protection)



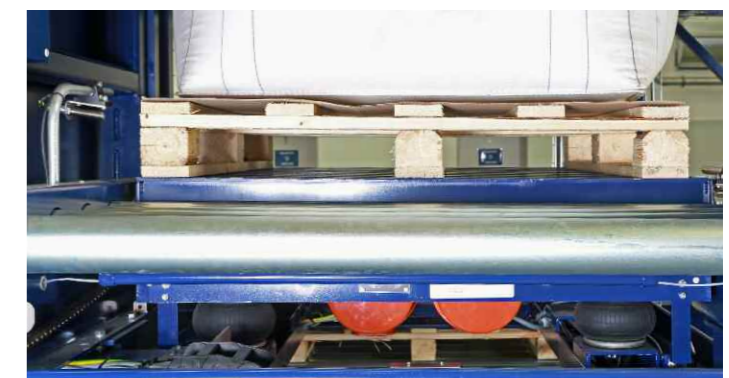
Explosion protection is a part of the technology that has to do with prevention of the occurrence of explosions and their impacts. This belongs to the field of Safety Engineering and has the purpose of preventing damage by technical products, systems, and other equipment to persons and property. Explosion protection consists of technical solutions such as ignition protection types and legal requirements such as the ATEX Directives of the European Union.



Net-weigher for high performance



Box-filling (octabin) for PE-granules



Scissor platform with hydraulic

TECHNICAL DATA

With our ELEMENTRA® EGF all large packages can be filled with weight in all sizes, materials and designs

System dimensions

- Total height: 4800 mm
- Width: 1900 mm
- Depth: 1850 mm (incl. drive: 2600 mm)

Bag dimensions

- Bag length: 750– 2200 mm
- Bag cross-section square: 800 – 1000 mm x 800 – 1000 mm
- Bag cross-section rectangular 700 – 800 mm x 1000 – 1100 mm
- Bag cross-section changing from rectangular and square

Loop length

- 200 mm – 300 mm (standard for 4 loops)

Weights

- Bag weights 200 kg – 1600 kg

Multiple range scale

- 100 mm

Weight accuracy

- As to oIML (International organization of Legal Metrology)

Consumption

- De-dusting air 500 m³/hr and $p = 6$ mbar at adiameter $d = 100$ mm
- Compressed air requirement 6 Nm³/hr; With other systems approx. 15 Nm³/hr
- Electrical energy max. 14 kW



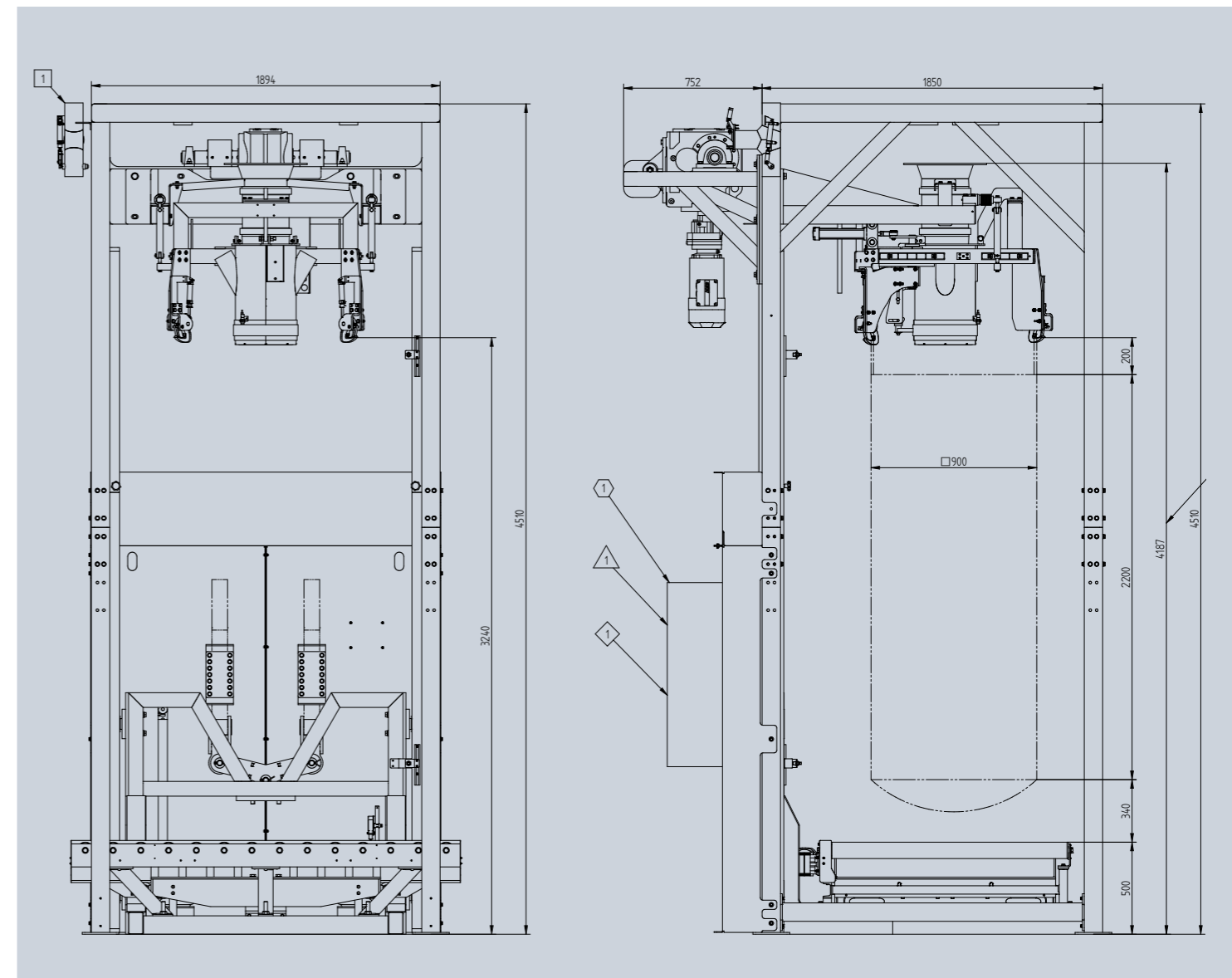
Minimum layout



Movable filling unit



Movable vibrator



2D/3D drawing with installation dimension

HAYER & BOECKER OHG

Carl-Haver-Platz 3 · 59302 Oelde · Germany

Phone: +49 2522 30-0 · Fax: +49 2522 30-403

E-mail: haver@haverboecker.com

Internet: www.haverboecker.com