

HAVER & BOECKER



**MANY TECHNOLOGIES.
ONE PARTNER.**
HAVER & BOECKER IN AUSTRALIA



HAVER & BOECKER

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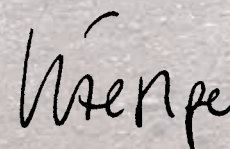
EDITORIAL

A nation embracing innovation

Australia. Known world-wide as the 'lucky country' - developed, yet still full of opportunity and potential. Its people are diverse, its resources are rich and its industry is robust. To support the positive development HAVER & BOECKER Australia has been founded in 2012. From plant design and fit-out to commissioning and ongoing support, we have helped processors and manufacturers optimise their operations and adapt to changing market demands. Our local presence provides clients with on the ground, single point access to sales, support and maintenance services for all our divisions as well as the specialist skill sets and customisations from our Germany-based headquarters.

Based in the Perth suburb of Malaga in Western Australia, our Australian subsidiary is staffed by a team of industry experts and highly technical-qualified personnel. We know your industries and your challenges. We take a highly collaborative approach to deliver optimum outcomes and we focus on forming long-lasting partnerships to gain and maintain a competitive edge for our clients. Our performance is supported by an excellent after-sale service with spare part stock holdings in Australia and beyond. We don't just meet your requirements, we exceed expectations.

Cheers!



Dr. Reinhold Festge
Partner



AUSTRALIA. DIVERSITY MAKES THE DIFFERENCE.

Industry 4.0, the fourth industrial revolution, it is heralding the innovation of intelligent, networked production systems to yield more efficient, rapid, flexible and self-optimising work processes in companies. As we enter this new area changes are required in the optimisation of value adding workflows. First mover advantage is everything. We offer advanced technologies, optimised processes and complete turn-key solutions across the entire value-adding chain of bulk material.

We have global resources and capabilities, ensuring we constantly set the benchmarks in innovative solutions, yet we understand the local markets, delivering a personalised and highly tailored service to our diverse client base.









All products of the mining, cement, building products and minerals, chemical and food industries can achieve perfect flow by the professional and technically advanced equipment of HAVER & BOECKER. We take great care in safety matters throughout the working process whenever and wherever human power is involved and the the fully automated working chain is no exception. The HAVER & BOECKER brands, namely W.S. TYLER, IBAU HAMBURG, SOMMER, BEHN + BATES, FEIGE FILLING, NEWTEC BAG PALLETIZING and HAVER Automation, provide high standard and innovative technologies from sizing to loading.

PERFECT FLOW

PROCESSING STORAGE MIXING FILLING PACKING PALLETIZING LOADING AUTOMATION



MAKING THE DIFFERENCE. OUR VALUES:

			
Quality	Experience	Loyalty	Safety
			
Sustainability	Efficiency	Innovation	Family



MINING. OPTIMISATION IS OUR BUSINESS.

HAVER & BOECKER Australia provides durable, high performance mineral processing technologies to master current and future business challenges. We are strategically located in Perth, Western Australia in close proximity to leading iron ore, bauxite and gold producers. Our wide range of engineering services encompasses equipment selection and sizing services, process flow analysis and optimisation using the HAVER & BOECKER software NIAflow®, laboratory services like material characterisation, equipment test works for ultra-fine and fine screening, high pressure washing and agglomeration test work in its own R&D facility. On-site and workshop screen vibration analysis using PULSE®, alongside the core business of screening, washing and agglomeration equipment supply and high quality screen media and wear protection solutions.

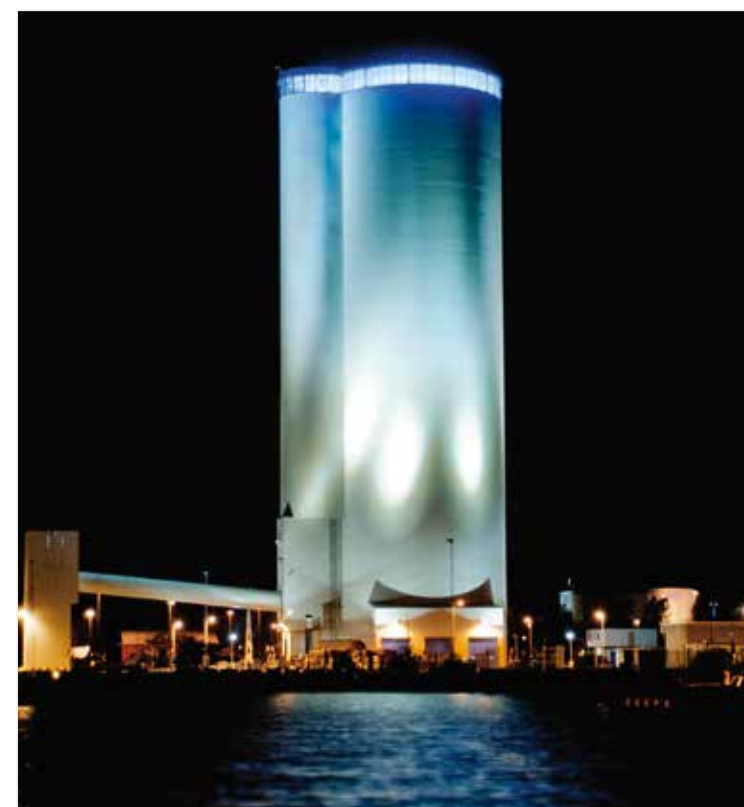
- Equipment selection, sizing and layout planning
- Supply and commissioning of equipment
 - HAVER screening machines
 - HYDRO-CLEAN® high pressure washing equipment
 - SCARABEUS® pelletising discs
- Process flow sheet development, analysis and optimisation
- Laboratory services
- Vibration analysis and screen machine audits
- High-quality PU screen media and wear protection



CEMENT. OUR REPUTATION IS SOLID.

Planning, manufacture and delivery of cement packing plants and terminals have been our unique core competencies for decades. Our stocking, packing and dispatching systems have been put into operation in over 130 countries worldwide - making us the global market leader. In Australia we are widely represented with operating machines for storage, packing and loading. Whether it is a stationary filling machine, our industry-leading ROTO-PACKER® or a turnkey plant, we not only offer the best machine technology, but also innovative engineering concepts and after market service, tailored to our clients requirements worldwide and expressly for Australias growing market. The Cement Plant of Tomorrow will be uncompromising. Delivered from a single source, it will integrate only the very best technology brands in the industry.

- Storage technology, silo- and material handling
- High-performance packing and palletising systems
- Fully and semi-automatic packing and palletising systems
- Airtight PE-packaging systems
- Plant optimisation services
- Scalping and screening machines



BUILDING PRODUCTS AND MINERALS. BUILDING TOMORROWS NATION TODAY.

For decades, HAVER & BOECKER has been a key player in the building materials industry with its range of advanced technologies. By combining the know-how of our group members, we provide a range of solutions for mixing and packing powdery products into small or bulk bags, in addition to mixing and filling liquids and pasty products into buckets or even bags and drums. With our technology we support our customers in developing their products and markets, from common mortars to engineered adhesives or insulation plasters. We are the experienced partner for the entire plaster industry. Our research and development lab supports you with its experience of packing more than 500 different materials.

- Quality control screening
- Scalping and screening machines
- Storage technology: silos and material handling
- Mixing plants for pulverised bulk materials
- Agitators, mixers and dissolvers with power up to 500 kW
- Pail filling equipment for semi and fully-automatic operation
- Stationary and rotating packing systems
- Palletising systems for PE and PP bags or FFS and paper bags
- Automatic truck loading systems
- Process Control System
- Dispatch Automation System



CHEMICALS. SOLUTIONS FOR FINER DETAILS.

Packing chemicals has very specific demands. Worldwide, we are one of the leading producers and engineers of packing plants for weighing and filling diverse solid or liquid chemical products into various bags and containers. In Australia we have successfully developed and delivered systems proficient in storage, packaging and loading, offering solutions specifically for fertilisers, sulfur and PE granules. From a single machine, such as semi-automatic filling system for pre-produced open mouth bags to fully automatic turnkey plants, we partner with you to develop the optimal solution.

- Filling equipment for liquid and pasty products, semi and fully-automatic operation
- Stationary and rotating packing systems
- Airtight PE packaging systems
- Palletising systems for PE and PP bags, paper-, FFS and open mouth bags
- Automatic truck loading systems
- Scalping and screening machines
- High pressure washing technology for your scrubbing process
- Pelletising technology



FOOD. ESSENTIAL AND SO PRECIOUS. BEHN + BATES IN AUSTRALIA.

The packaging line is an important part of the value chain in the highly sensitive food market. Within HAVER & BOECKER, BEHN + BATES supplies the right packing plant and bag for manual or automatic operations. Our goals are to deliver the optimum protection of a precious product such as food, high weighing accuracies, clean and efficient operation and attractive bag shapes, all complying with modern food standards. Food products are natural products. They are influenced by climatic conditions. Production and storage varies depending on the region and continent where they are processed. All these are aspects having an influence on the selection of the packing technology. We ensure solutions are tailored to customers needs to provide them with considerable and lasting advantages.

- Machine technology specifically selected for food applications
- Minimum of product deposits due to food conditions wiring, tapered corners and easy cleaning
- Excellent solutions for increasing valve bag applications
- Portfolio including manual and fully automatic open-bag fillers for open mouth bags
- Tested local partners to provide support, from our initial offer to regular service and maintenance of running installations
- High standard hygienic food filling by the recently developed CARE-LINE filling machine



SERVICE. DIVERSE PRODUCTS. ONE PARTNER.

HAVERS product range and service offering is as diverse as Australia itself. We are prepared and trained to get new or upgraded equipment up and running quickly and smoothly. Unplanned interruptions in the flow cause major conflicts. Responsiveness is critical to maintain customer relationships. In Australia we are at our customers side from day one throughout the lifecycle of their technology.

PERFECTING AUSTRALIAN DIVERSITY

- Commissioning your flow
- Assisting your flow
- Supporting your flow
- Original spare parts
- Installation
- Maintenance
- Overhaul/modifications
- Disassembly of the machine/decommissioning

DIVERSE SERVICES

- Machine conversions and upgrades of HAVER plants and third party installations
- Service support through Australian based specialists
- Preventative maintenance
- Plant optimisation plan (POP)
- NIAFlow®
- Vibration Analysis
- Lunch & Learn



HAVER & BOECKER TECHNOLOGIES



HAVER & BOECKER/W.S. TYLER

While HAVER & BOECKER started to process minerals in 1930, W.S. Tyler got a head start in 1872. With technology centres in Germany, Brazil and Canada, both technology brands combine a wealth of knowledge in screening, washing and pelletising.

info@havercanada.com

www.havercanada.com



IBAU HAMBURG

Founded in 1975, IBAU is an engineering house located directly at the rim of the harbour in Hamburg. IBAU offers complete solutions for cement handling and storage as well as mixing and blending solutions. Signature IBAU Technologies are the cone silo, multi-compartment silos, ship unloaders and the design of cement carrying ships.

info@ibauhamburg.de

www.ibauhamburg.de



SOMMER

Founded in 1895, SOMMER is today a major company for the manufacture and installation. The product range reaches from agitators and mixers to steel structures, pipings, structural steelwork, to turnkey plants. SOMMER offers a comprehensive all-round service package. Customized engineering along with a cost-effective program of standard components, modules and control systems make SOMMER a highly attractive partner for customers in the chemical, pharmaceutical, petrochemical, building products, paint and lacquer industries.

info@sommer-anlagenbau.com

www.sommer-anlagenbau.com



FEIGE FILLING

Founded in Hamburg in 1972, Feige FILLING GmbH has built up a good reputation as manufacturer of filling machines and filling equipment, conveyor systems and storage technology

for liquids. In 1987, the company relocated its corporate domicile to Bad Oldesloe and has belonged to HAVER & BOECKER since 2003. Innovation and growth have allowed the company to develop into the technological leader in liquid filling technology. Customers around the globe trust our technology for filling liquid and pasty products with calibrated accuracy in manual and fully automated operation.

E-Mail: info@feige.com

www.feige.com

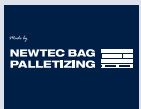


BEHN + BATES

Founded in Krefeld, Germany in 1933 BEHN + BATES rapidly became known for robust and high quality bag filling machines. After being acquired in 1994 by HAVER & BOECKER, the company specialised in the food and pet food packing systems. BEHN + BATES has the packaging solution for every type of bulk product or liquid, for each type of bag or container, and for manual or fully automatic operations.

sales@behnates.com

www.behnates.com



NEWTEC BAG PALLETIZING

As the first international offspring of the original inventor of the palletiser, NEWTEC expanded their diverse line of palletising systems to include automatic truck loading systems, railcar loading and fully flexible bag loading systems.

info@newtecbag.com

www.newtecbag.com



HAVER Automation

Founded in 2016, HAVER Automation intends to bring Industry 4.0 to divers industries. HAVER Automation focuses on designing complete cement plant operating and logistics systems using the latest technologies such as cloud computing.

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www.haverautomation.com

REFERENCES OF HAVER & BOECKER SOLUTIONS IN OCEANIA

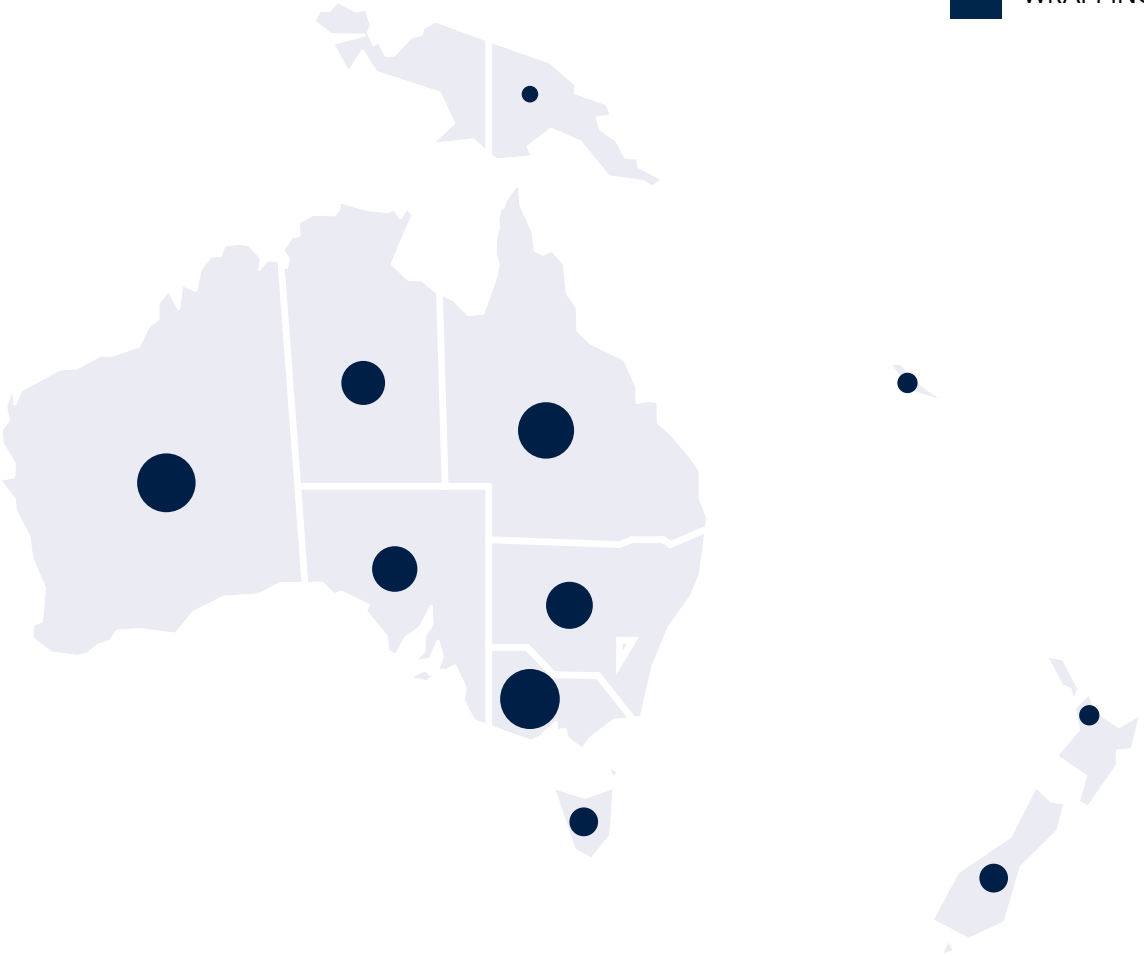
PRODUCTS PROCESSED

Cement
Lime
Fertiliser
Pesticide
Building Products
Garnet
Dry Mix
Aggregates
Soft Drinks
Gold Ore
Titanium Dioxide
Polypropylene
Flour
Magnesium Oxide
Sugar

MACHINES PER BUSINESS UNIT



- FILLING
- MIXING
- PACKING
- PALLETISING
- PROCESSING
- STORAGE
- WRAPPING



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