

Made by

**NEWTEC BAG
PALLETIZING**



THE WORLD'S FRIENDLIEST SYSTEMS FOR BAG HANDLING





WELCOME TO
NEWTEC
BAG PALLETIZING



CONTENT

The TERRAM 8 – 13



The ARCUS 14 – 21



The AXIUM 22 – 27



The SPEED FAMILY 28 – 35



REFERENCES 36 – 37



PERFECT FLOW 38 – 39



SEAL Technology 40 – 41



ADAMS Technology 42 – 43



WORLD'S FRIENDLIEST SYSTEMS FOR BAG HANDLING

"Tomorrow's palletizers and loading systems will enhance the delivery of the package by treating both the bag and the operator with more care than ever before."

Jean Uragano, Sales Director

For many years NEWTEC BAG PALLETIZING is developing and producing palletizing systems. As the first international offspring of the original inventor of the palletizer, NEWTEC BAG PALLETIZING is grown to a worldwide successful supplier and expanded its diverse lines of palletizing systems to include automatic truck loading systems, railcar loading and fully flexible bag loading systems. All palletizers and loading systems enhance the delivery of the package by treating both the bag and the operator with more care than ever before.

Since 2012, NEWTEC BAG PALLETIZING is part of HAVER & BOECKER, a family-owned and run, medium-sized company headquartered in Oelde/Germany. The company's global division is focused on designing premium processes by combining cutting-edge technologies from silo inlet to the final dispatch as well as the complete quarry and processing operations. In order to offer its customers the complete process chains without any compromises, nothing but the best technology brands are assembled; all owned 100% by HAVER & BOECKER.



PERFECTING YOUR FLOW

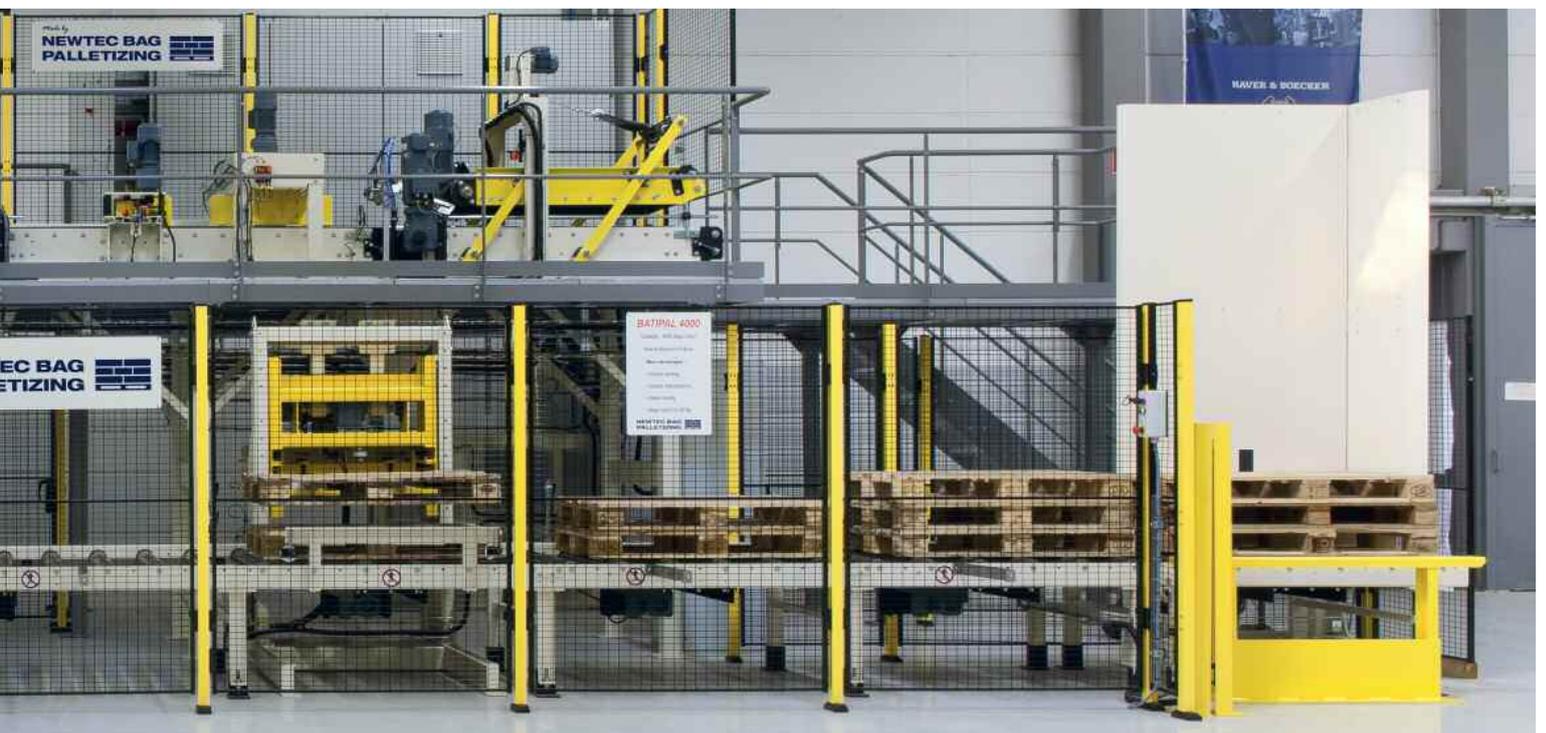


"Since its creation foundation, NEWTEC BAG PALLETIZING has never stopped standing out from its competitors by pointing out the quality and the security of its installations, while maintaining the user-friendliness and easy access as well as an excellent maintenance of its palletizers. Innovation being at the heart of our production system, we want our customers to experience palletizers always more efficient, compact and environmentally friendly, in order to satisfy their requirements."

Boris Primet, General Manager NEWTEC BAG PALLETIZING

"Even if nowadays we assist to big changes in the palletizing industry through the reduction of the bags weight, the increase of the production capacity, and taking into account human and environmental risks, NEWTEC BAG PALLETIZING faces the challenges announced by the market and will continue maintaining the satisfaction of its customers as high as possible"

Jean Uragano, Sales Director NEWTEC BAG PALLETIZING



YOUR AVANTAGES

■ User-friendly and enjoyable

Although technologically complex, our palletizers systems have been designed to be not only user-friendly, but also enjoyable to handle. Thanks to our last generation touchscreen, the use of all systems is fascinatingly intuitive and clever, with the aim of reducing your training costs and managing your installation without any difficulty.

■ Compact

We have invested in the compactness of our palletizing and loading systems, knowing good enough the recurring problems in the industry. From modular construction, each machine is customized to the projects of each of you, whether it is charged from the top, as from the bottom, our systems occupies as little space as possible.

■ Easy maintenance

Our systems not only need very few maintenance, but they are also accessible at all levels. Whether replacing a part or cleaning the machine, the employees in charge of maintenance can quickly and easily accomplish their tasks.

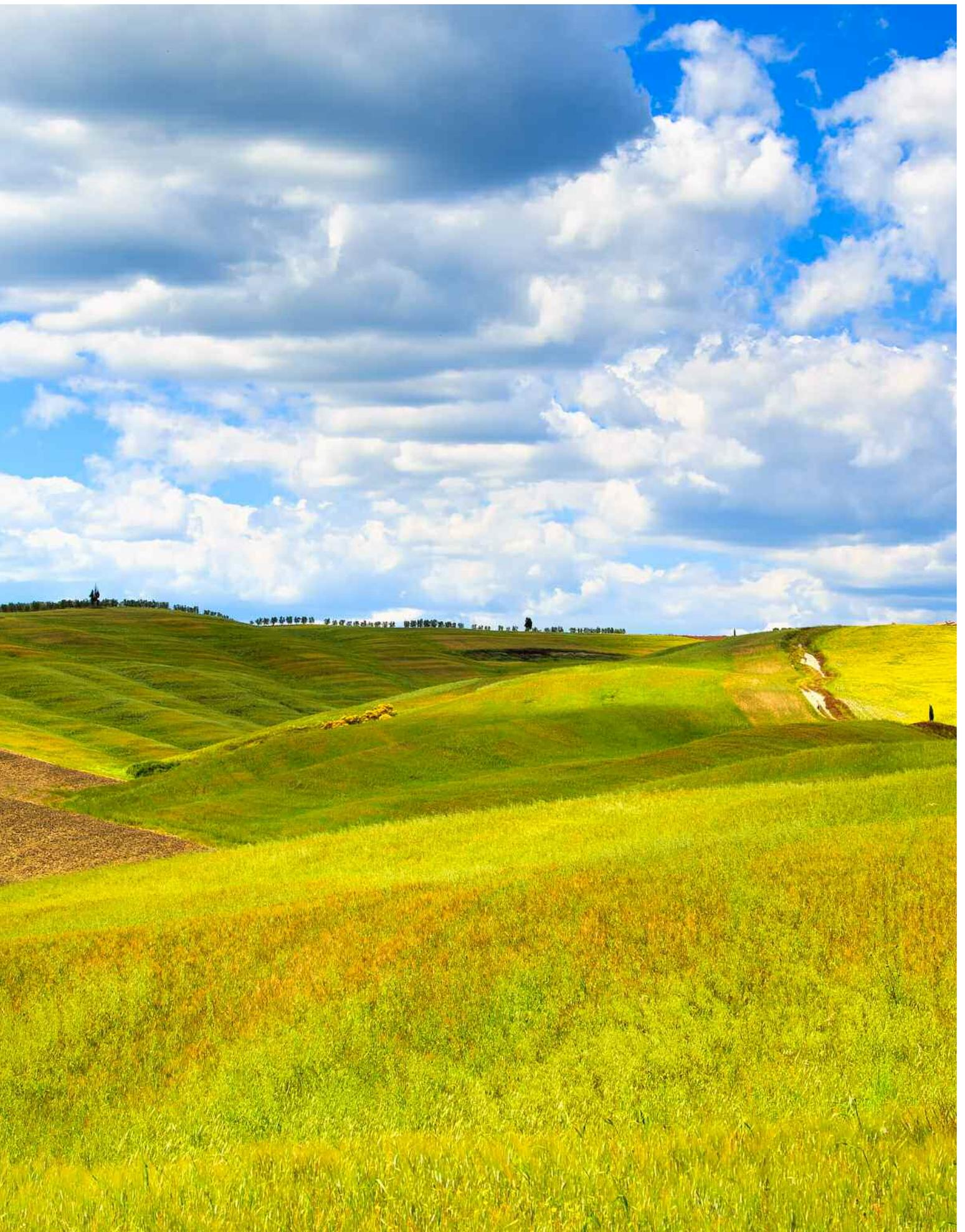
■ Range of Options

Each of our system is unique. Many modular blocks, additional equipment or parts can complete your machine according to your preferences. We also make sure to find the right partner for your complete project with bagging machines, stretch-wrapping and stretch-hooding machines.

The TERRAM

Why the ground?

It is Theodore Roosevelt who keeps reminding us to „Keep your eyes on the stars, and your feet on the ground“. Well, what is good enough for feet must also be good for bags. Looking up at the stars, we thought to ourselves: Why not keeping the bag where the packer dropped it in the first place – the ground? This is the motivation, which drove us to develop the TERRAM, an uniquely compact palletizing system. Our intention was to create a technology family, which is especially designed to save its owner space, time and money.



THE TERRAM

TERRAM palletizers have been developed in order to complete the range of palletizers with in-feed at the floor level and to ensure outputs from 300 to 1,000 bags/hr. While it responds to a high-quality palletization and saving space, its modular design allows the delivery of full parts tested in our workshops. TERRAM palletizers can as well be equipped with orientation systems for PP and PE bags, FFS bags or even open mouth bags, from 5 to 50 kg.



Bulk Materials:
Powder, micro granules,
granules, mixtures



Bag Types:
Paper valve bags or open bags,
PE FFS bags, PP valve bags
or open bags



Bag Weights:
5 – 50 kg



Performance:
max. 1,000 bags/hr

CLEAN

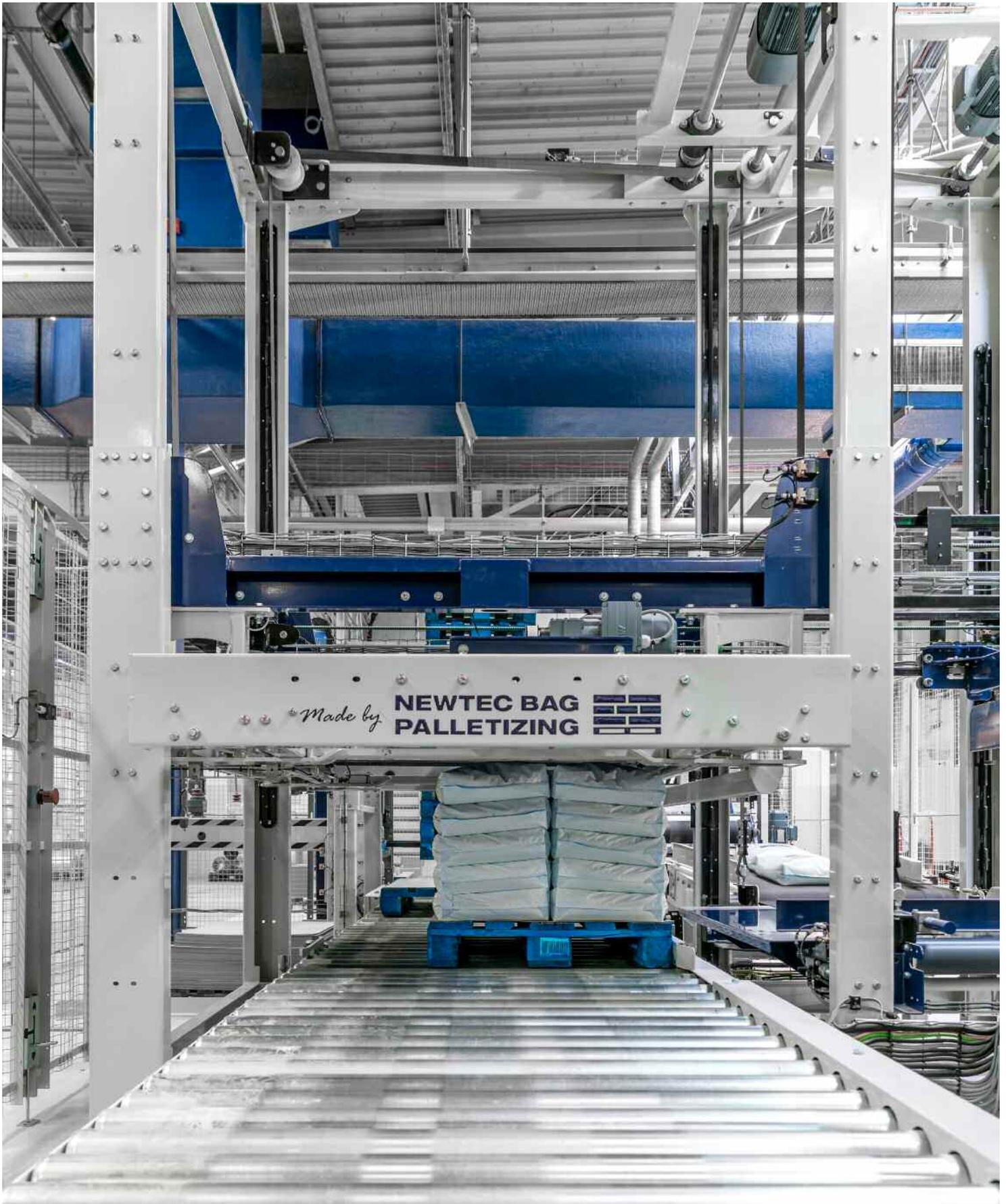
- Careful handling of the bags
- Easy access and cleaning due to floor level in-feed

INTELLIGENT

- Access to all parameters and diagnostics
- Modular construction
- Reduced noise-level

PROFITABLE

- High palletizing quality
- Easy maintenance
- Space-saving



THE TERRAM

TERRAM 300G



Performance: 300 bags/hr
Bag Types: Open mouth, FFS, Valve

TERRAM 600G



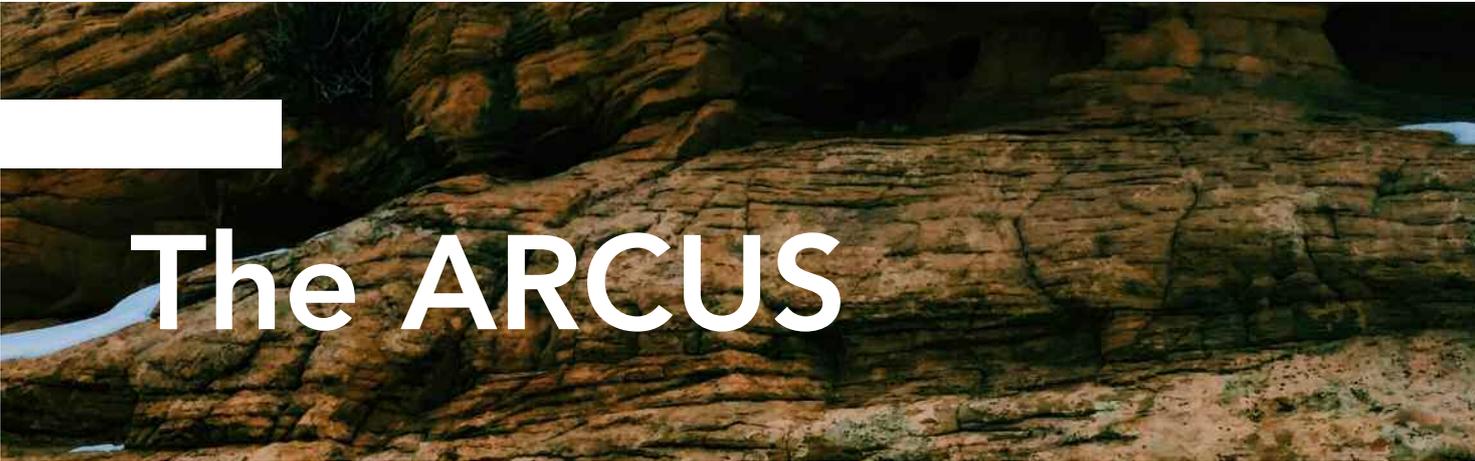
Performance : 300 – 600 bags/hr
Bag Types: Open mouth, FFS, Valve

TERRAM 1000



Performance : 600 – 1,000 bags/hr
Bag Types: Open mouth, FFS, Valve

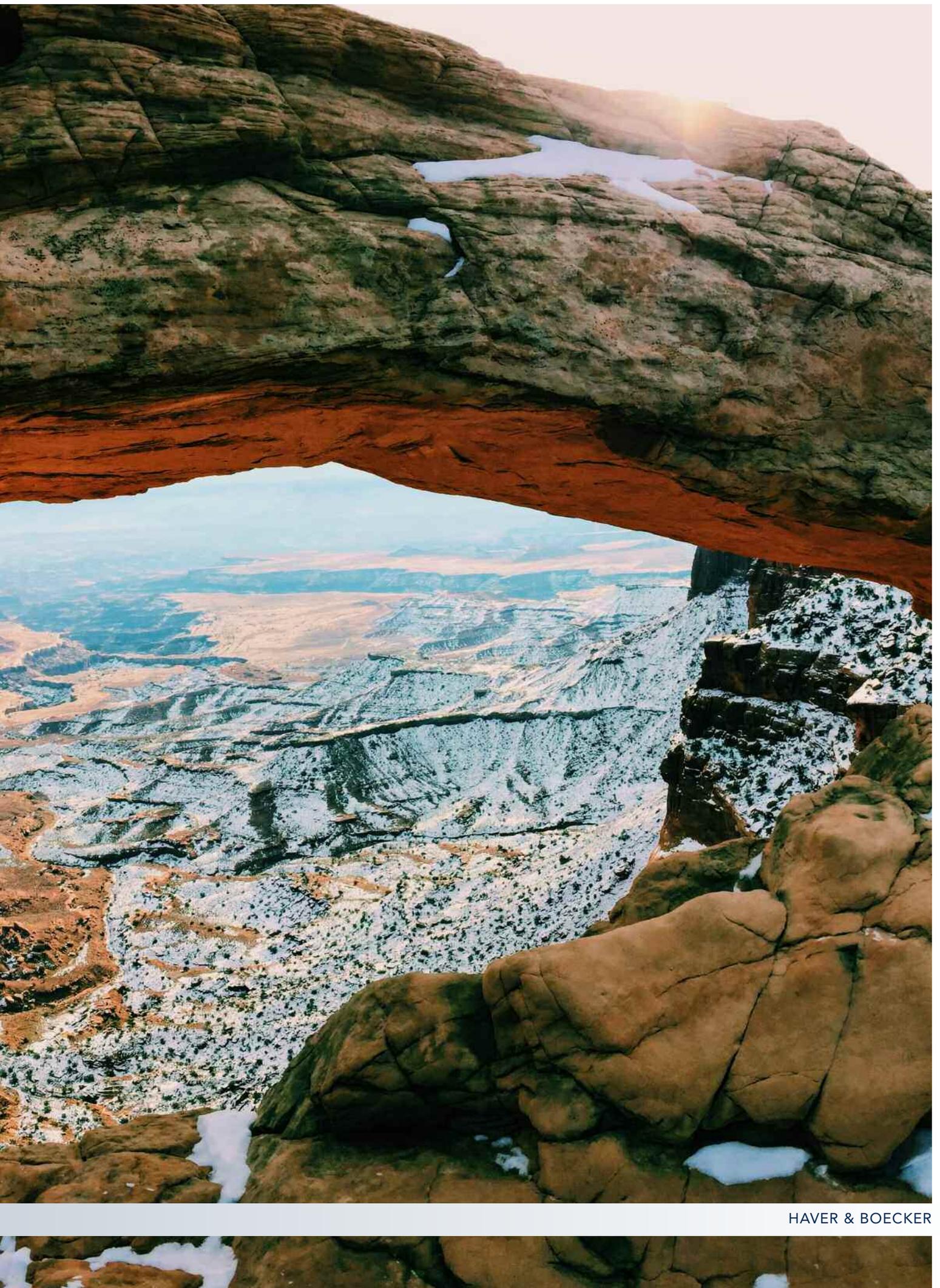




The ARCUS

Why the arc?

The person who probably best described the inner workings of a palletizer without even knowing it, is Henry Ford. He once said – “Coming together is a beginning; keeping together is progress; working together is success.” In a palletizer the bags coming together is the beginning, and once the bags keep together within in a pattern do we have progress - but only if all components within the palletizer work together in harmony and synchrony do we have success. We consider the portal as the gateway to the traditional palletizing process within the machine, which reminds us of an arc. Thus the name ARCUS is a tribute to the transition point where a single bag becomes a part of something bigger – the pallet.



THE ARCUS

ARCUS palletizers are reaching capacities from 1,000 to 5,000 bags per hour. This range of automatic palletizers with modular design are not only simple and reliable, but guarantees as well an optimal palletizing, taking into account the specifics of the different markets such as the food industry, the chemical industry and the building materials industry. ARCUS palletizers can as well be equipped with orientation systems for PP and PE bags, FFS bags or even open mouth bags, from 5 to 50 kg.



Bulk Materials:
Powder, micro granules,
granules, mixtures



Bag Types:
Paper valve bags, or open bags,
PE FFS bags, PP valve bags or open bags



Bag Weights:
5 – 50 kg



Performance:
up to 5,000 bags/hr

CLEAN

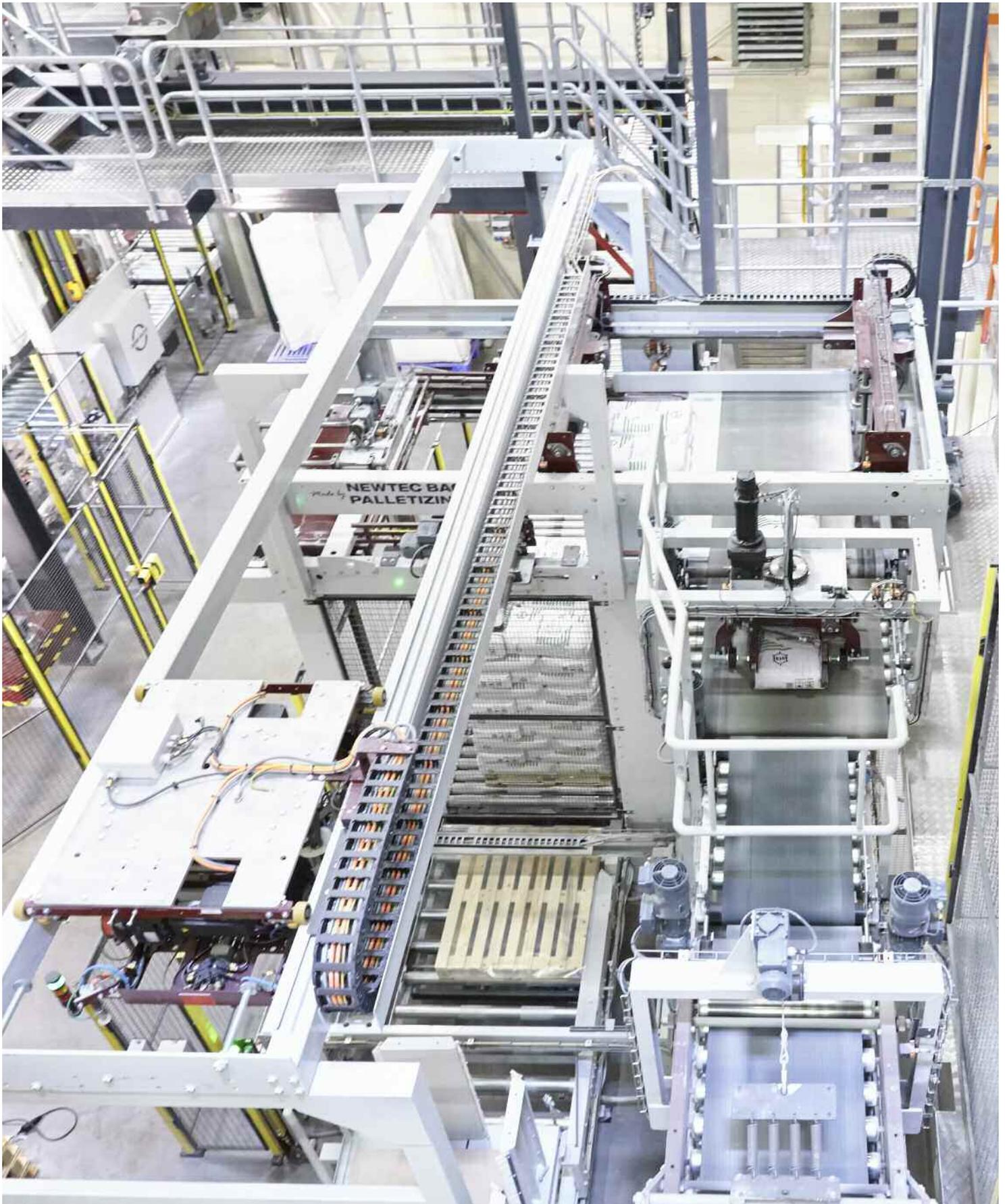
- Careful handling of the bags
- Easy access and cleaning

INTELLIGENT

- Access to all parameters and diagnostics
- Modular construction
- Reduced Noise-level

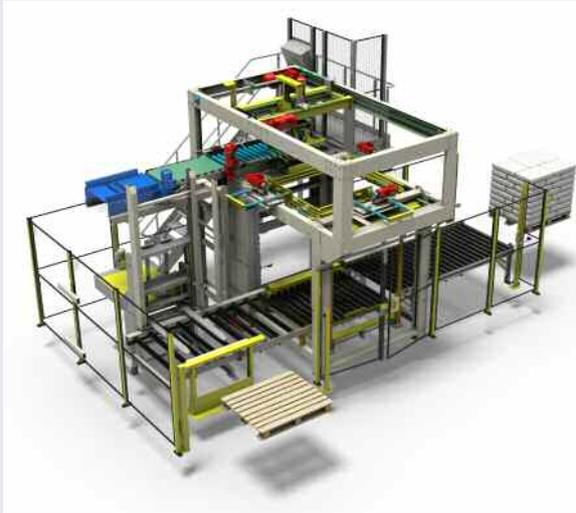
PROFITABLE

- High palletizing quality
- Easy Maintenance
- Space-Saving



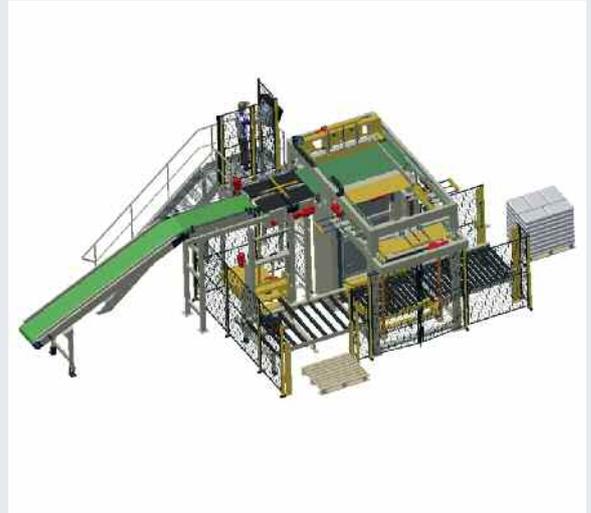
THE ARCUS

ARCUS 1000G



Performance : 500 – 1,200 bags/hr
Bag Types: Open mouth, FFS, Valve

ARCUS 1000



Performance : 500 – 1,000 bags/hr
Bag Types: Open mouth, FFS, Valve

ARCUS 1500



Performance : 1,000 – 1,500 bags/hr
Bag Types: Open mouth, FFS, Valve

ARCUS 2000



Performance : 1,500 – 2,000 bags/hr
Bag Types: Open mouth, FFS, Valve

ARCUS 2500P



Performance : 2,000 – 2,500 bags/hr
Bag Types: Open mouth, FFS, Valve

ARCUS 2500B



Performance : 2,000 – 2,500 bags/hr
Bag Type: Valve

ARCUS 4000B



Performance : 2,500 – 4,000 bags/hr
Bag Type: Valve

ARCUS 5000

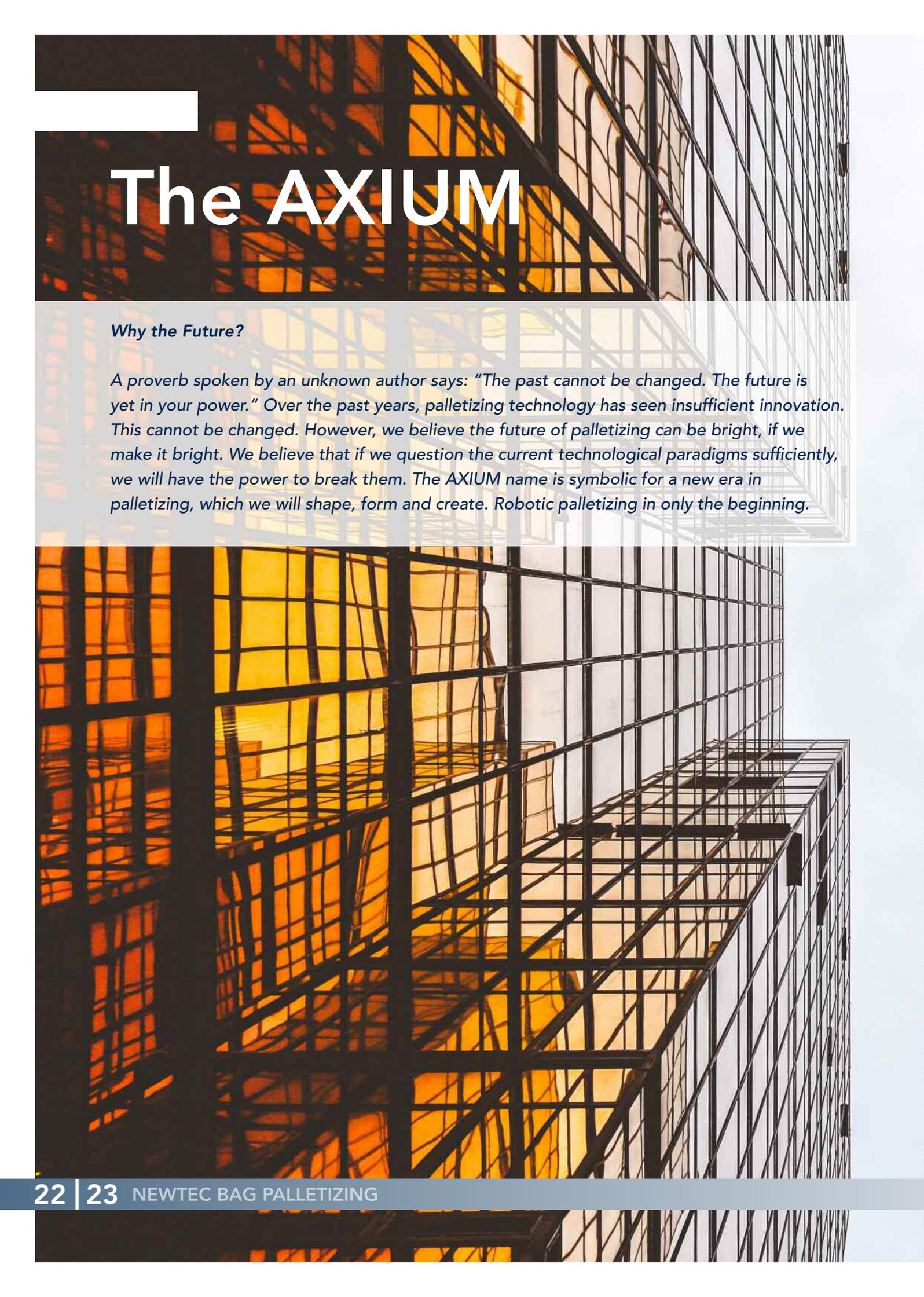


Performance : 4,000 – 6,000 bags/hr
Bag Types: Open mouth, FFS, Valve

THE ARCUS



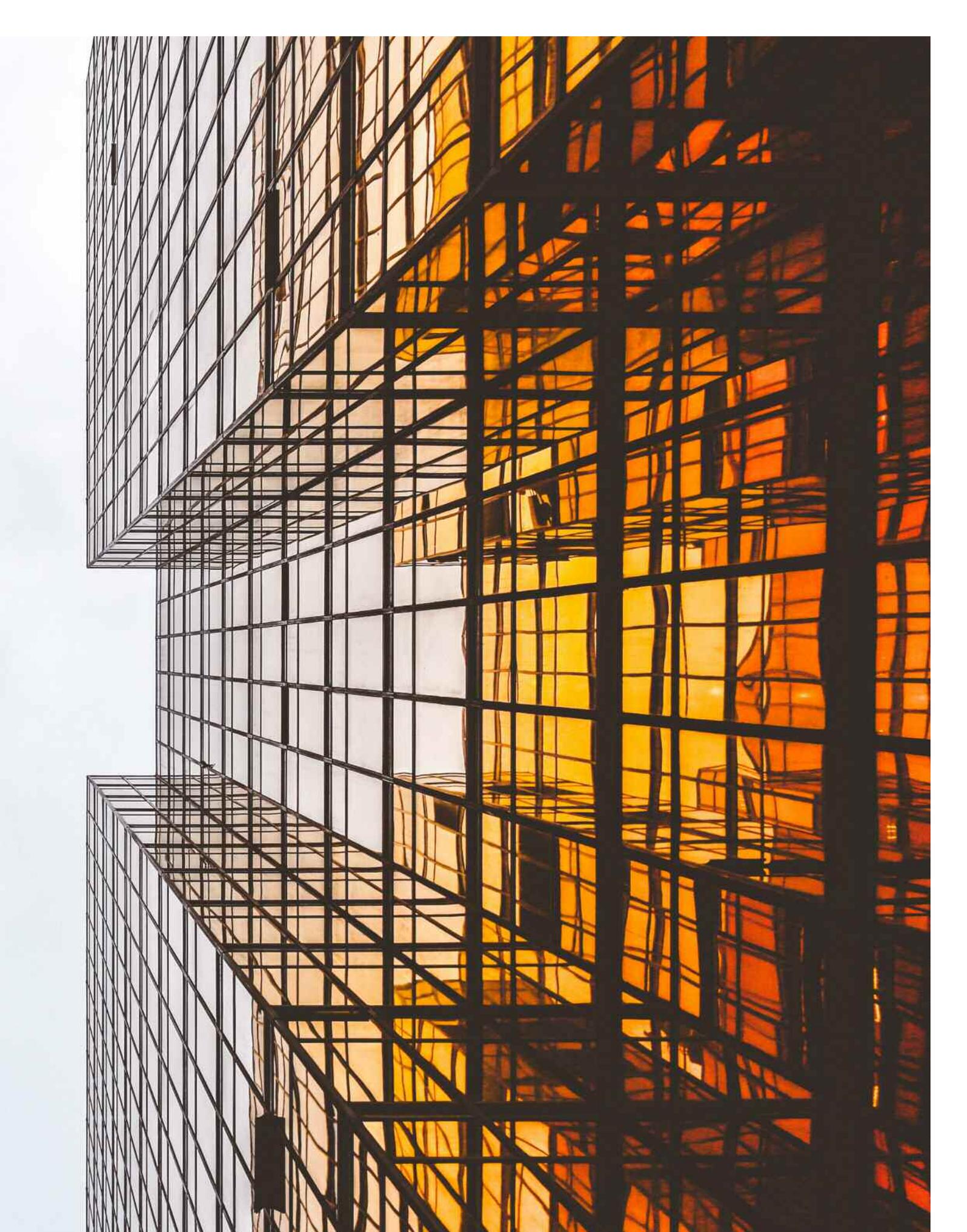




The AXIUM

Why the Future?

A proverb spoken by an unknown author says: "The past cannot be changed. The future is yet in your power." Over the past years, palletizing technology has seen insufficient innovation. This cannot be changed. However, we believe the future of palletizing can be bright, if we make it bright. We believe that if we question the current technological paradigms sufficiently, we will have the power to break them. The AXIUM name is symbolic for a new era in palletizing, which we will shape, form and create. Robotic palletizing is only the beginning.



THE AXIUM

The AXIUM is a robot who's perfectly fulfilling his function of palletizing bags, by palletizing up to 1000 bags per hour. Besides of being compact and economical, the AXIUM robot is provided with a reliable, powerful and smart system. Thereby our robot fits perfectly with the rest of our classic range of palletizer, while responding to the new requirements of the palletizing industry. The AXIUM robot can as well be equipped with orientation systems for PP and PE bags, FFS bags or even open mouth bags, from 5 to 50 kg.



Bulk Materials:
Powder, micro granules,
granules, mixtures



Bag Types:
Paper valve bags or open bags,
PE FFS bags, PP valve bags
or open bags



Bag Weights:
5 – 50 kg



Performance:
up to 1,000 bags/hr

CLEAN

- Careful handling of the bags
- Easy access and cleaning due to floor level in-feed

INTELLIGENT

- Access to all parameters and diagnostics
- Modular construction
- Reduced Noise-level
- Great adaptability to production workshop

PROFITABLE

- High palletizing quality guaranteed by the tools used by traditional palletizers
- Easy Maintenance
- Space-Saving

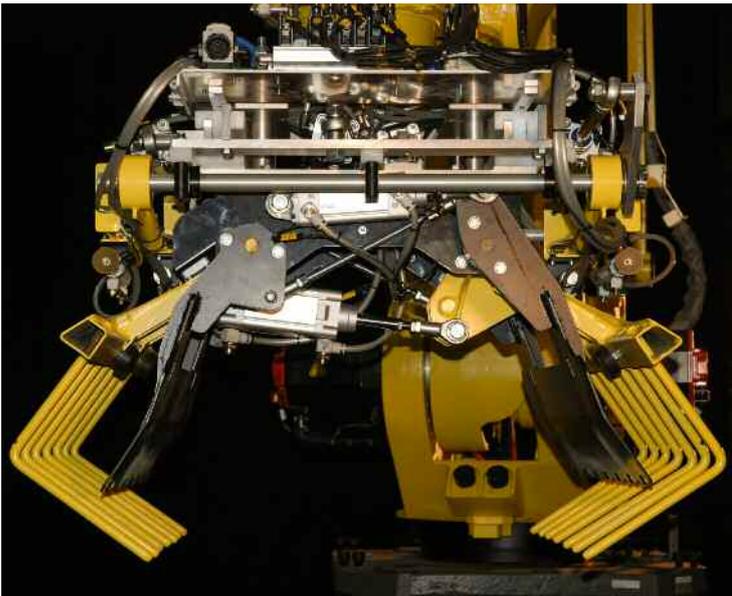


THE AXIUM

AXIUM



Performance : up to 1,000 bags/hr
Bag Types: Open mouth, FFS, Valve



The SPEED Family

Why the Mountains?

The famous Muhammad Ali once said "It isn't the mountains ahead to climb that wear you out; it's the pebble in your shoe." Some years ago, it became clear to us that our job is not over, when we have filled your product into your bag. Thinking about how to help you to get your bag to your client is also part of our responsibility. And because we are convinced that commanding and mastering the logistical concept of your bag plays a big part in helping you and your company to reach new heights without pebbles in your shoes, we chose the mountains to represent the SPEED Family.



THE SPEEDFLEXX

The fully automated, direct loading system for stacked goods (including bags, canisters, pails, drums), IBCs, Big Bags or other containers on top open trucks with or without pallets.



Materials:
All kind of bulk goods
and liquids



Types of Packaging:
Bags, canisters, pails, drums,
IBCs, Big Bags or other containers



Weight of Packaging:
2 tons per pallet



Performance:
800 bags/hr

CLEAN

- Careful handling of the packages with or without pallet
- Non-stop loading process without no-load operation

INTELLIGENT

- Fully automatic high-performance direct-loading-system with or without pallet
- Automatic 3D scan of the loading platform
- Autonomous switchover to the second line in a few seconds
- All standard pallet-sizes can be handled
- In case of production bottleneck or maintenance the system can be loaded from stock

PROFITABLE

- High-efficient cycle for the loading of two lines
- Non-stop high and steady loading performance
- Increased safety and protection for the staff

SPEEDFLEXX



Performance : 260 tons/hr
Types of palettes: all types



THE SPEEDROAD

The high performance and fully automated system for the direct bag loading on trucks with or without palettes.



Bulk Materials:
All bagged goods



Bag Types:
All kind of bags



Bag Weights:
25 – 50 kg



Performance:
3,000 bags/hr

CLEAN

- High quality and stable truck loads
- Reduced installation height for optimal integration

INTELLIGENT

- A user-friendly touch control panel
- A mechatronical system without hydraulics, pneumatics, vacuum systems and cooling systems
- Absolute flexibility in regard to different trucks types, any kind of bag with or without pre-positioned pallets
- Easy connectivity to the plant network via bus system
- Operator safety and comfort thanks to protection by safety switches and optional remote control with camera
- A robust and reliable construction

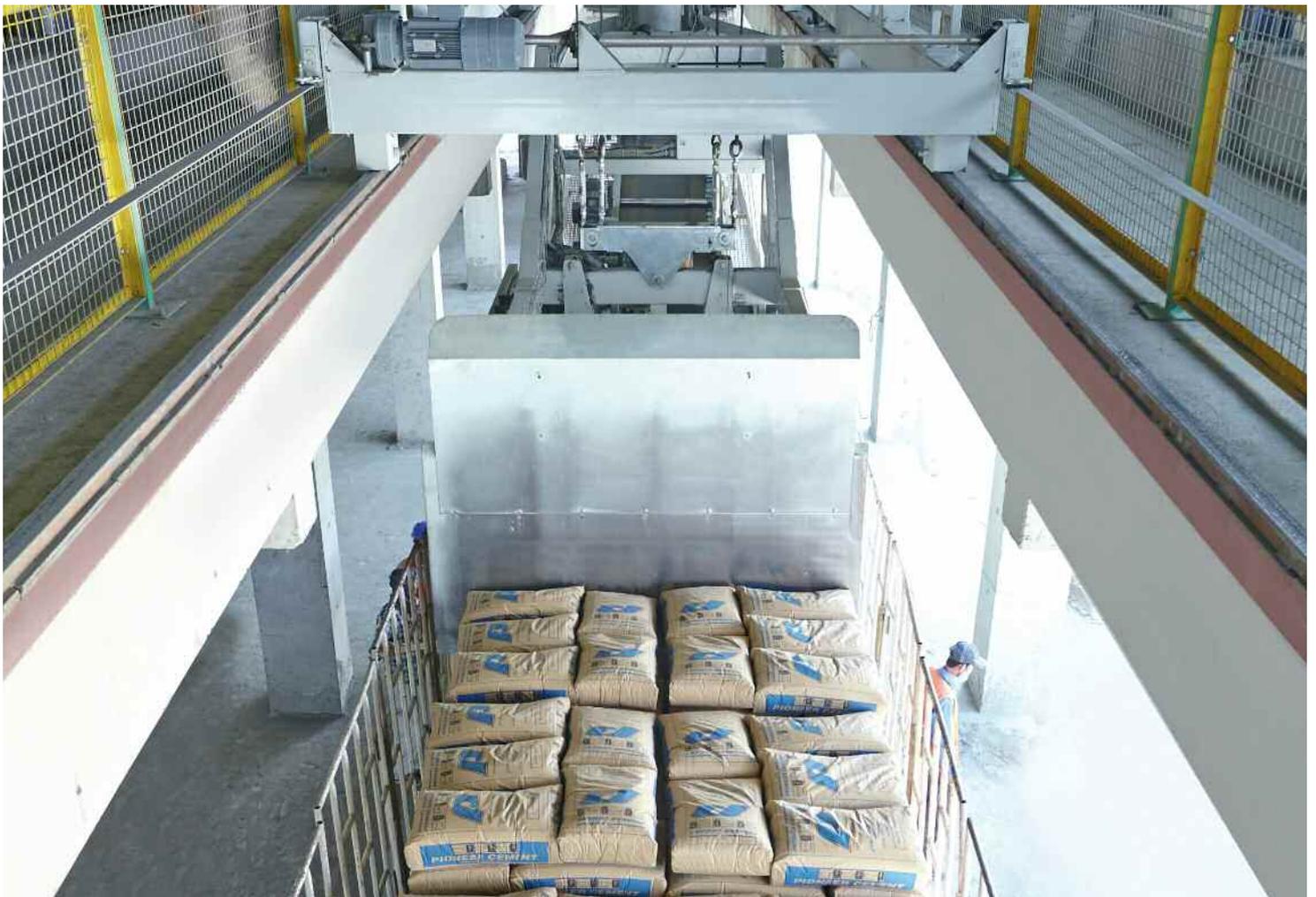
PROFITABLE

- An automated loading capacity of 3,000 bags/hr
- High efficiency in matters as CAPEX vs. performance ratios
- Selectable loading pattern
- Easy, fast and simple maintenance

SPEEDROAD



Performance : 150 tons/hr
Types of palettes: all types



THE SPEEDLOAD

The fully automated, pallet-free direct loading system for individual bags on top open trucks and in ISO seaworthy freight containers.



Bulk Materials:
All bagged goods



Bag Types:
All kind of bags



Bag Weights:
25 – 50 kg



Performance:
800 bags/hr

CLEAN

- Careful handling and laying of the bags
- Possible modernization through replacement of the existing loading system

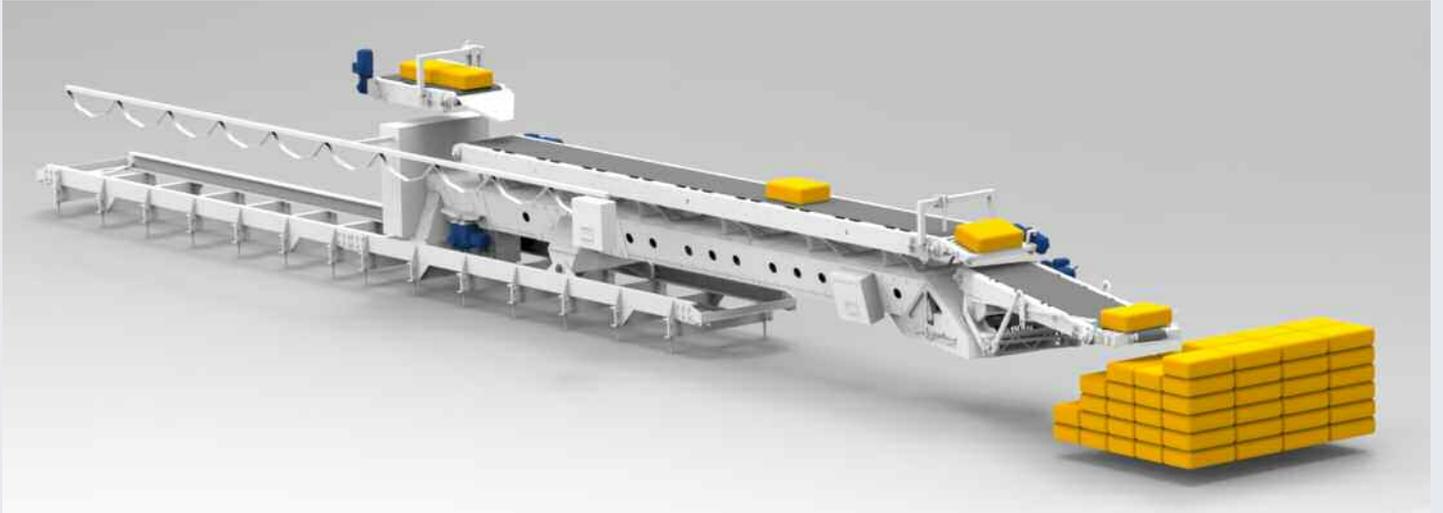
INTELLIGENT

- Fully automatic, continuous and high-performance direct loading cycle
- For all common bag types
- Equipped with the MEC® 4.0 control system
- Scanner for the loading area
- Memory for 99 sorts of product
- Loading system can be perfectly integrated with existing infrastructure
- Can be expanded to include equipment for the constant online transmission of performance data

PROFITABEL

- Closed containers can be filled almost completely
- Reduced physical labor by workers
- More rapid ROI through reduction in personnel, freight and operating costs
- Increased overall plant performance thanks to a continuous loading cycle
- Increase of the cargo volumes through pallet-free loading

SPEEDLOAD



Performance : 800 bags/hr

Bag Types: Open mouth, FFS, Valve



REFERENCES





The SEAL Technology

"Profit is not the legitimate purpose of business. The legitimate purpose of business is to provide a product or service that people need and do it so well that it's profitable."

James Rouse





HAVER & BOECKER

The ADAMS® Technolo

"I need a packaging system, which will allow me to store my bags outside without affecting my product's quality. This will allow me to run my production continuously, even in low sales seasons, while maximizing my customers' satisfaction by eliminating product quality complaints."

YOU, our customer.



gy





HAYER & BOECKER

Since the inception of business as we know it, the measurement of success for a company has always been the profit it generates. The dictionary defines profit as “the ratio of pecuniary gain compared to the amount of capital invested.” At HAYER & BOECKER we believe that the key to maximizing this ratio for any company lies in perfecting the quality of its flow in terms of product and process. We are convinced that a single perfect flow applicable to any and every product or process does not exist. Instead we are driven to identify the ideal flow for each product, customer and operation. In essence, at HAYER & BOECKER we are a family of flow designers and engineers focused on finding your perfect flow. The foundation for our endeavors is our range of premium technologies, which can be combined to form complete systems of flow. From processing and materials handling over mixing, packaging and filling to palletizing, loading and automating, HAYER & BOECKER can partner with you in all aspects of your business.



With W.S. TYLER, IBAU HAMBURG, SOMMER, Feige FILLING, BEHN + BATES, NEWTEC BAG PALLETIZING and of course HAVER & BOECKER itself, we have assembled over time nothing but the best and strongest brands in our industry to ensure that we will not make any compromises when designing the perfect flow for you. Maximize your success by allowing our family of flow specialists and professionals to be a part of yours.

PROCESSING STORAGE MIXING FILLING PACKING PALLETIZING LOADING AUTOMATION



NEWTEC BAG PALLETIZING

Palletizing and loading system

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