



BEUMER
technology in motion

CONVEYING TECHNOLOGY
LOADING TECHNOLOGY
PALLETIZING TECHNOLOGY
PACKAGING TECHNOLOGY
SORTATION AND
DISTRIBUTION SYSTEMS



High Capacity Palletizer
BEUMER palettepac® 5000

BEUMER paletpac® 5000

BEUMER paletpac® is the family of palletizers which represents the complete range of the reliable BEUMER bag palletizing technology.

It offers systems for a variety of requirements from important industry branches, such as the food, agri, chemical, and animal food industries as well as a complete range of products for the building material and cement industries.

All versions of the BEUMER paletpac® line offer excellent stacking quality, high reliability and a number of economic advantages.

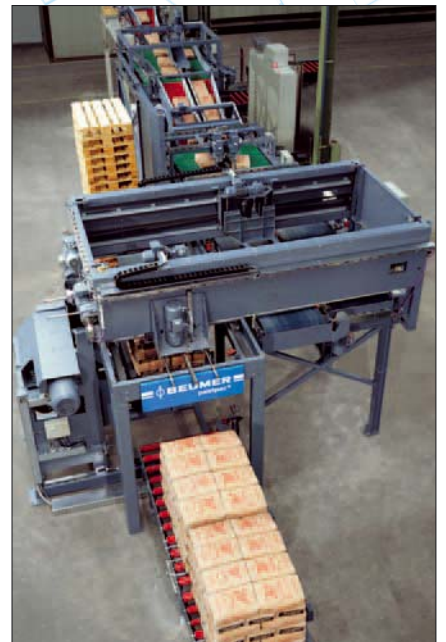
This range of palletizing systems is complimented with a complete portfolio of load securing equipment.

From the packaging process to the loading process BEUMER offers comprehensive solutions from a single source, including qualified engineering and reliable service.

Make use of our experience of hundreds of installations supplied!

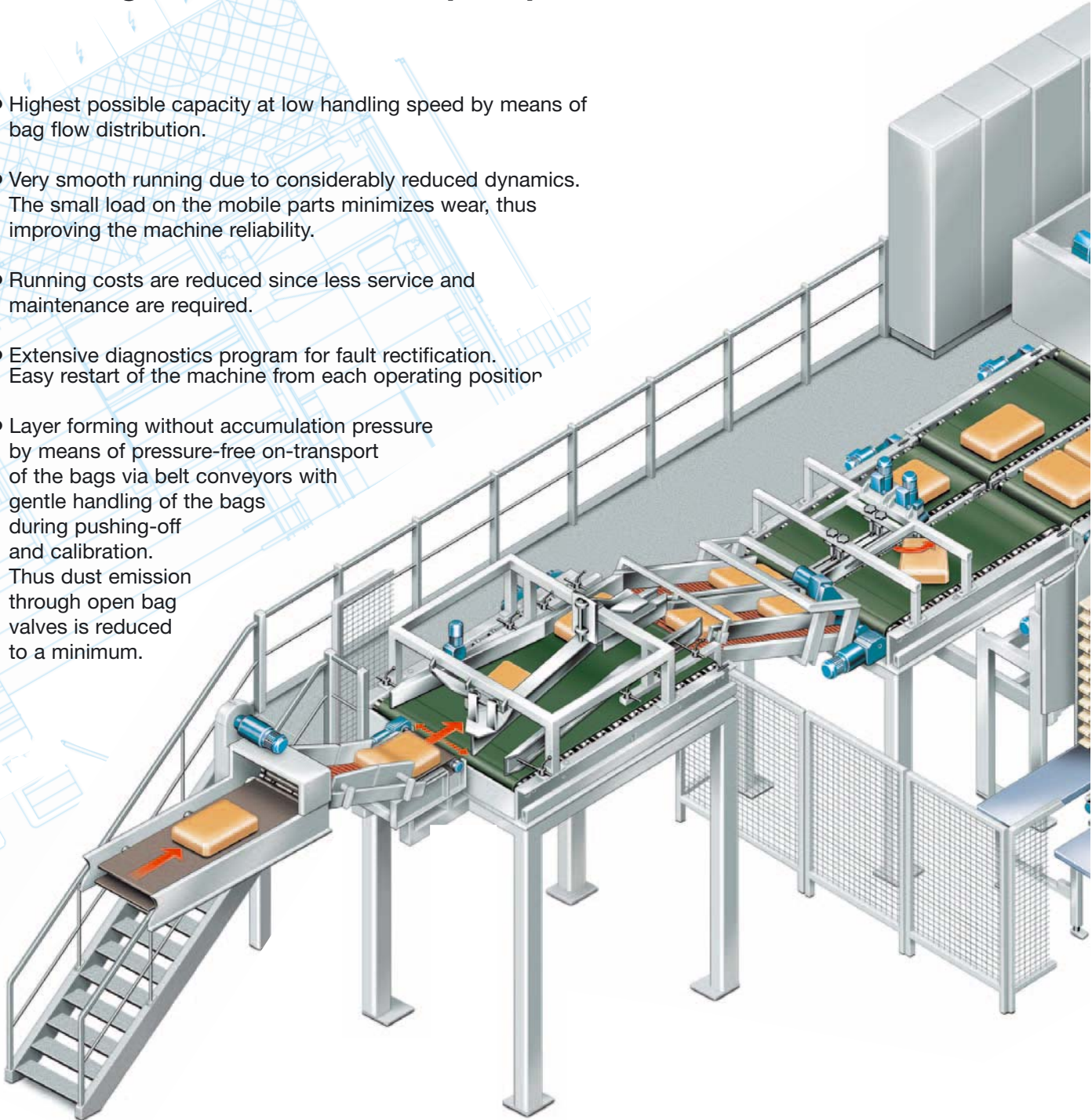
The BEUMER paletpac® 5000 palletizer is in a class all of its own. This is our top of the line high-speed palletizer.

This system has been designed for projects demanding the highest capacities, and lives up to these requirements.



Advantages of the BEUMER paletpac® 5000

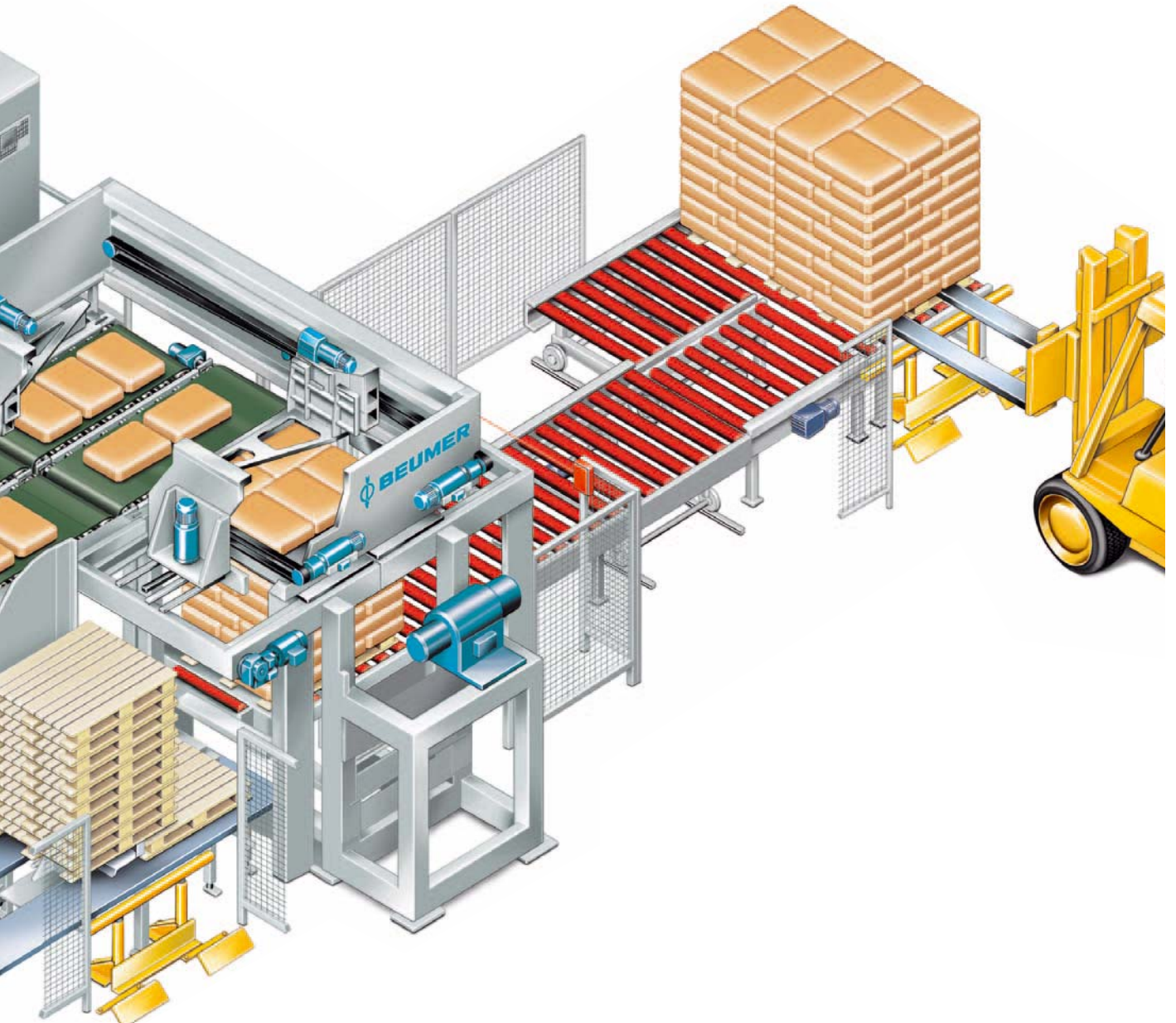
- Highest possible capacity at low handling speed by means of bag flow distribution.
- Very smooth running due to considerably reduced dynamics. The small load on the mobile parts minimizes wear, thus improving the machine reliability.
- Running costs are reduced since less service and maintenance are required.
- Extensive diagnostics program for fault rectification. Easy restart of the machine from each operating position
- Layer forming without accumulation pressure by means of pressure-free on-transport of the bags via belt conveyors with gentle handling of the bags during pushing-off and calibration. Thus dust emission through open bag valves is reduced to a minimum.



- Spillage collection systems and disposal systems can be installed.
- Wide range of programs for all common packing patterns and pallet sizes.
- Each machine is checked during a complete test run before dispatch and a quality certificate is issued.












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Technical data and machine features

Palletizer capacities

Number of bags per layer	4	5	6	6	7	8	8	10	
Pattern									
Bag length (mm)	600	600	600	600	400	500	450	450	400
Bag width (mm)	400	400	300	300	300	330	300	300	300
Max. bag height (mm)	180	180	170	170	150	150	150	150	150
Layer size	1200 x 800	1200 x 1000	1200 x 900	1200 x 900	1200 x 700	1160 x 1000	1200 x 900	1200 x 900	1200 x 1000
Output (bags/h)	2800	3600	3600	3800	4000	4000	4500	4500	4500

Max. layer size
(other available upon request)
Empty pallet magazine for
Electrical connected value
Mean power input

1.300 x 1.100 mm

20 pallets – can be increased without restriction

50,9 kW

approx. 18 kW

Special machine features

- Display of operation messages and fault messages in clear text.
- Latest drive technology – frequency controllers and servo drives guarantee very smooth operation of the machine.
- Clearly structured layer formation without pressure.
- The bags can be stacked in such a way that gaps are formed.
- Palletizing of underweight bags is possible.
- Equalization of the bag stack top side by pressing each layer under the reinforced layer stacking table.
- Latest sensor technology provides an optimum control of the functional sequences.
- Large variety of packing patterns with bags weighing up to 50 kg.
- Machines in modular design with clearly structured mechanical functions and control functions.
- Safety equipment according to CE regulations.

The BEUMER paletpac® 5000 is a top-quality palletizer.

Owing to the high capacity ratio and the operational safety of this palletizer, the daily output of many packing plants can be achieved in a shorter time.

The BEUMER paletpac® 5000 technology, which is strictly tailored to the customer's requirements, impresses by an outstanding cost-benefit ratio.

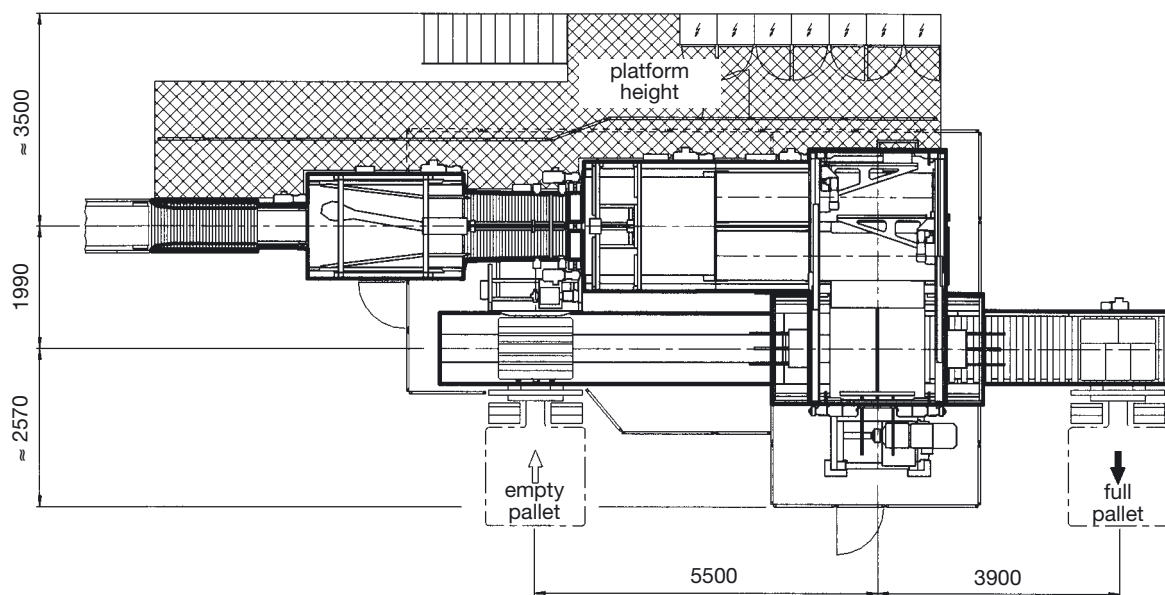
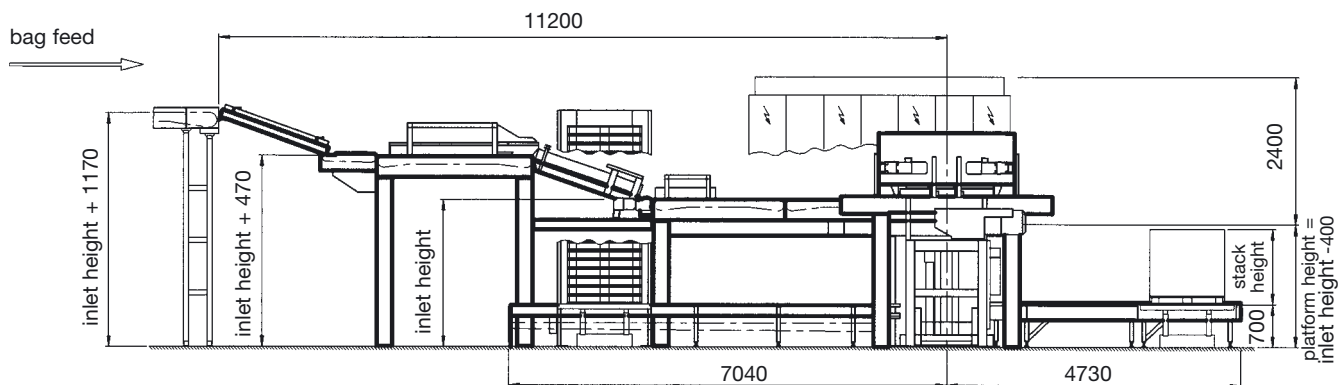
The BEUMER paletpac® – the reliable system for customers who attach great importance to efficiency and economy.



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TECHNICAL INFORMATION

Basic measurement



stack height	inlet height	numbers of empty pallets	platform height
1400	2400	20	2000
1600	2600	20	2200
1800	2800	20	2400

The information contained in this brochure merely serves as a non-binding description of our products and is without guarantee. Binding information, in particular relating to capacity data and suitability for specific applications, can only be provided within the framework of concrete inquiries.

E306 1106

BEUMER Maschinenfabrik GmbH & Co. KG
Postfach 12 54
D - 59267 Beckum/Germany
Tel.: +49 - (0) 25 21 - 24 0
Fax: +49 - (0) 25 21 - 24 280
E-Mail: BEUMER@BEUMER.com
Internet: www.BEUMER.com

BEUMER Corporation
Branchburg, NJ 08876/ USA
Tel.: +1 (732) 560-8222
Fax: +1 (732) 563-0905

BEUMER S.a.r.l.
St. Ouen L'Aumone/France
Tel.: +33 (0) 1-3464-2520
Fax: +33 (0) 1-3037-6883

Asia Representative Office of BEUMER • Bangkok/Thailand
Ph.: +66 (0) 2731-7190
Fax: +66 (0) 2731-7194

Australian Representative Office of BEUMER • North Ryde / Australia
Ph.: +61 (0) 2-9889-5561
Fax: +61 (0) 2-9889-5562

BEUMER Ltda.
Campinas - SP/Brazil
Tel.: +55 (0) 19-3243-1700
Fax: +55 (0) 19-3242-1411

BEUMER Technology India Private Limited • Mumbai/India
Tel.: +91 (0) 22-2577-2874
Fax: +91 (0) 22-2577-2876

伯曼机械制造(上海)有限公司
中国上海
电话: +86 (0) 21-6921-3788
传真: +86 (0) 21-6921-3628