



# STATEC BINDER

highly efficient bagging and palletizing solutions



*Packaging and Palletizing Systems*

# Packaging systems



## principac

Page 4-5

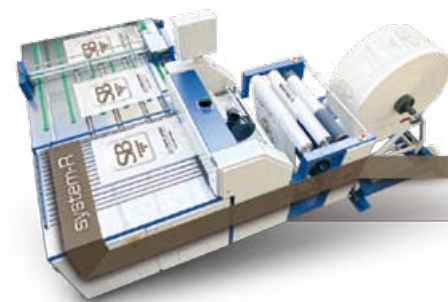
up to **2000 bags** per hour  
for open mouth bags



## certopac

Page 6-7

up to **1500 bags** per hour  
for open mouth bags



## system-R

Page 8-9

up to **2000 bags** per hour  
Form, fill & seal from tubular woven PP



## system-T

Page 10-11

up to **2400 bags** per hour  
Form, fill & seal from tubular PE



## system-F

Page 12-13

up to **900 bags** per hour  
Form, fill & seal from flat film

# Palletizing systems



## principal

Page 14-15

up to **2400 units** per hour  
High-speed high-level palletizer



## principal-R

Page 16-17

up to **1400 units** per hour  
High-quality robot palletizer



principac  
up to  
**2000**  
bags per hour

# principac

*High-speed packaging machine*



Pre-fabricated open mouth bags



up to  
**2000**  
bags per hour

principac

## *The Task*

- ✓ Plastic granules
- ✓ Sugar
- ✓ Fertiliser
- ✓ Animal feed
- ✓ Salt
- ✓ Dusty products
- ✓ All other free flowing bulk products

## *The Solution*

- ✓ Up to 2000 bags per hour
- ✓ Up to 800 bags magazine capacity
- ✓ Bag feeding systems from magazine
- ✓ 10 to 50 kg filling weights
- ✓ For paper bags, PE bags, woven PP bags

## *The Technology*

- ✓ Bag separation system
- ✓ Transfer to the opening table
- ✓ Filling head
- ✓ Bag transport
- ✓ Control facilities
- ✓ Integrated aspiration

## *Advantages*

- ✓ Fully automatic packaging machine
- ✓ Pillow and/or gusseted bags
- ✓ Compact design
- ✓ For all free flowing bulk products
- ✓ 10 - 50 kg filling weights
- ✓ CE certified
- ✓ High energy efficiency





certopac  
up to  
**1500**  
bags per hour

# certopac

*High-speed packaging machine*



Pre-fabricated open mouth bags



up to  
**1500**  
bags per hour

## *The Task*

- ✓ Plastic granules
- ✓ Sugar
- ✓ Fertiliser
- ✓ Animal feed
- ✓ Salt
- ✓ Dusty products
- ✓ All other free flowing bulk products

## *The Solution*

- ✓ Up to 1500 bags per hour
- ✓ Up to 800 bags magazine capacity
- ✓ Bag feeding systems from magazine
- ✓ 5 to 80 kg filling weights
- ✓ For paper bags, PE bags, woven PP bags

## *The Technology*

- ✓ Bag separation system
- ✓ Transfer to the opening table
- ✓ Filling head
- ✓ Bag transport
- ✓ Control facilities
- ✓ Integrated aspiration

## *Advantages*

- ✓ Fully automatic packaging machine
- ✓ Pillow and/or gusseted bags
- ✓ Compact design
- ✓ For all free flowing bulk products
- ✓ 5 - 80 kg filling weights
- ✓ CE certified
- ✓ High energy efficiency



system-R  
up to  
**2000**  
bags per hour

# system-R

*Form, fill and seal packaging machine*



up to  
**2000**  
bags per hour

Tubular woven PP

## *The Task*

- ✓ Plastic granules
- ✓ Sugar
- ✓ Fertiliser
- ✓ Animal feed
- ✓ Salt
- ✓ Dusty products
- ✓ All other free flowing bulk products

## *The Solution*

- ✓ Up to 2000 bags per hour
- ✓ 10 to 50 kg filling weights
- ✓ For tubular woven PP
- ✓ Bag feeding system from reel

## *The Technology*

- ✓ Bag conversion from woven PP reel
- ✓ Transfer to the opening table
- ✓ Filling head
- ✓ Bag transport
- ✓ Control facilities
- ✓ Integrated aspiration

## *Advantages*

- ✓ Form, fill & seal packaging machine
- ✓ Produces pillow and/or gusseted bags
- ✓ Reduction of bag, personnel and logistic costs of up to 50%
- ✓ High productivity and availability
- ✓ CE certified
- ✓ High energy efficiency

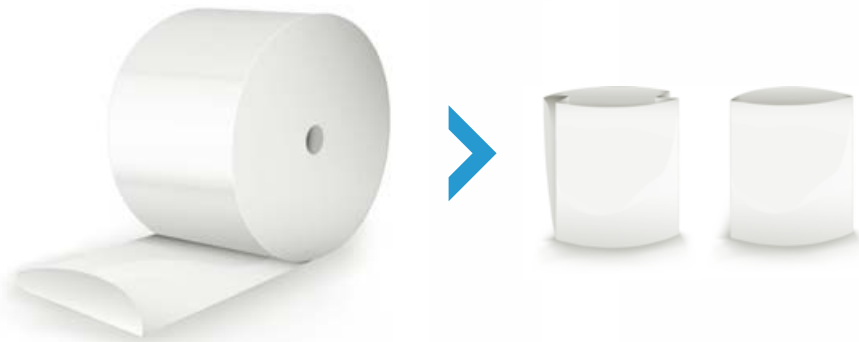




system-T  
up to  
**2400**  
bags per hour

# system-T

*Form, fill and seal packaging machine*



Tubular PE



up to  
**2400**  
bags per hour

## *The Task*

- ✓ Plastic granules
- ✓ Sugar
- ✓ Fertiliser
- ✓ Animal feed
- ✓ Salt
- ✓ Dusty products
- ✓ All other free flowing bulk products

## *The Solution*

- ✓ Up to 2400 bags per hour
- ✓ 5 to 50 kg filling weights
- ✓ For tubular PE

## *The Technology*

- ✓ Different versions available
- ✓ Hydraulic reel lifting device
- ✓ Welding area cleaning device
- ✓ Corner welding device
- ✓ Bag gusseting unit
- ✓ Air removing device
- ✓ Film printing device by thermal transfer
- ✓ Handle forming device

## *Advantages*

- ✓ FFS packaging machine from tubular PE
- ✓ Produces pillow bags and gusseted bags
- ✓ Compact design
- ✓ Optionally mounted on moving platform
- ✓ Highest corrosion protection level
- ✓ CE certified
- ✓ High energy efficiency

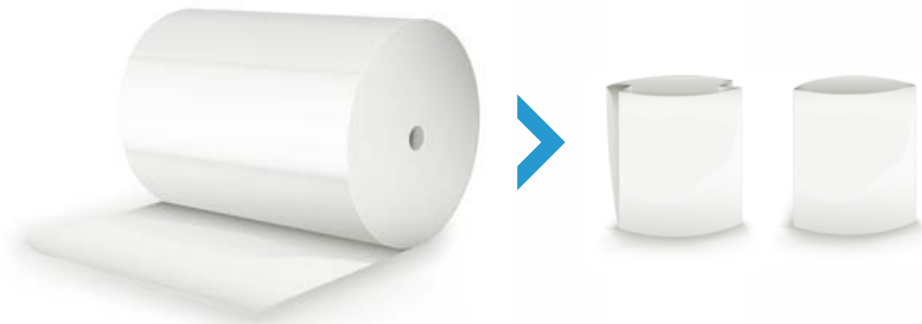


Packaging systems

system-F  
up to  
**900**  
bags per hour

# system-F

*Form, fill and seal packaging machine*



Flat film



up to  
**900**  
bags per hour

## *The Task*

- ✓ Plastic granules
- ✓ Sugar
- ✓ Fertiliser
- ✓ Animal feed
- ✓ Salt
- ✓ Dusty products
- ✓ All other free flowing bulk products

## *The Solution*

- ✓ Up to 900 bags per hour
- ✓ Up to 1280 mm film width
- ✓ 5 - 50 kg filling weights or 4 - 80 litres
- ✓ For thermoplastic and composite materials

## *The Technology*

- ✓ No residual air remaining in the bag (Vacuum packaging)
- ✓ Preceding gassing of the product is an option
- ✓ Even for moist products
- ✓ With or without carrying handle
- ✓ Format set magazine

## *Advantages*

- ✓ Vertical form, fill & seal packaging machine from flat film
- ✓ Produces pillow and/or gusseted bags
- ✓ Compact design
- ✓ 5 - 50 kg filling weights
- ✓ CE certified
- ✓ High energy efficiency





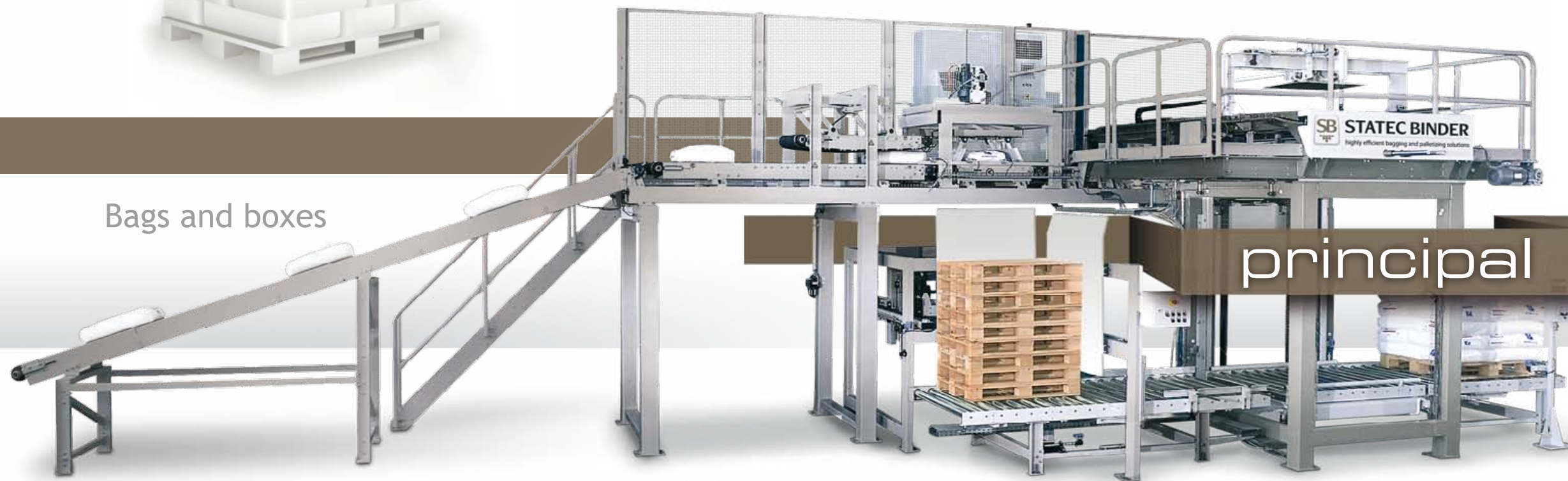
principal  
up to  
**2400**  
units per hour

# principal

*High-speed high-level palletizer*



Bags and boxes



up to  
**2400**  
units per hour

principal

## The Task

- ✓ Bags (all types)
- ✓ Boxes

## The Solution

- ✓ Up to 2400 units per hour
- ✓ Up to 80 pallets per hour
- ✓ 5 to 80 kg per unit
- ✓ Up to 2300 kg pallet weight
- ✓ Up to 12 levels

## The Technology

- ✓ All main functions are motor driven instead of with a pneumatic cylinder
- ✓ All start/stop conveyors are frequency inverter controlled
- ✓ Full pallet roller conveyors soft start controlled
- ✓ Elevator with counterweight, frequency inverter controlled movement
- ✓ Layer squaring operated by motors

## Advantages

- ✓ Mechanically robust and solid in its design
- ✓ Easy and user-friendly control panel
- ✓ Best stacking quality
- ✓ 5 - 80 kg per unit
- ✓ CE certified
- ✓ High energy efficiency





principal-R

up to

1400

units per hour



Bags and boxes

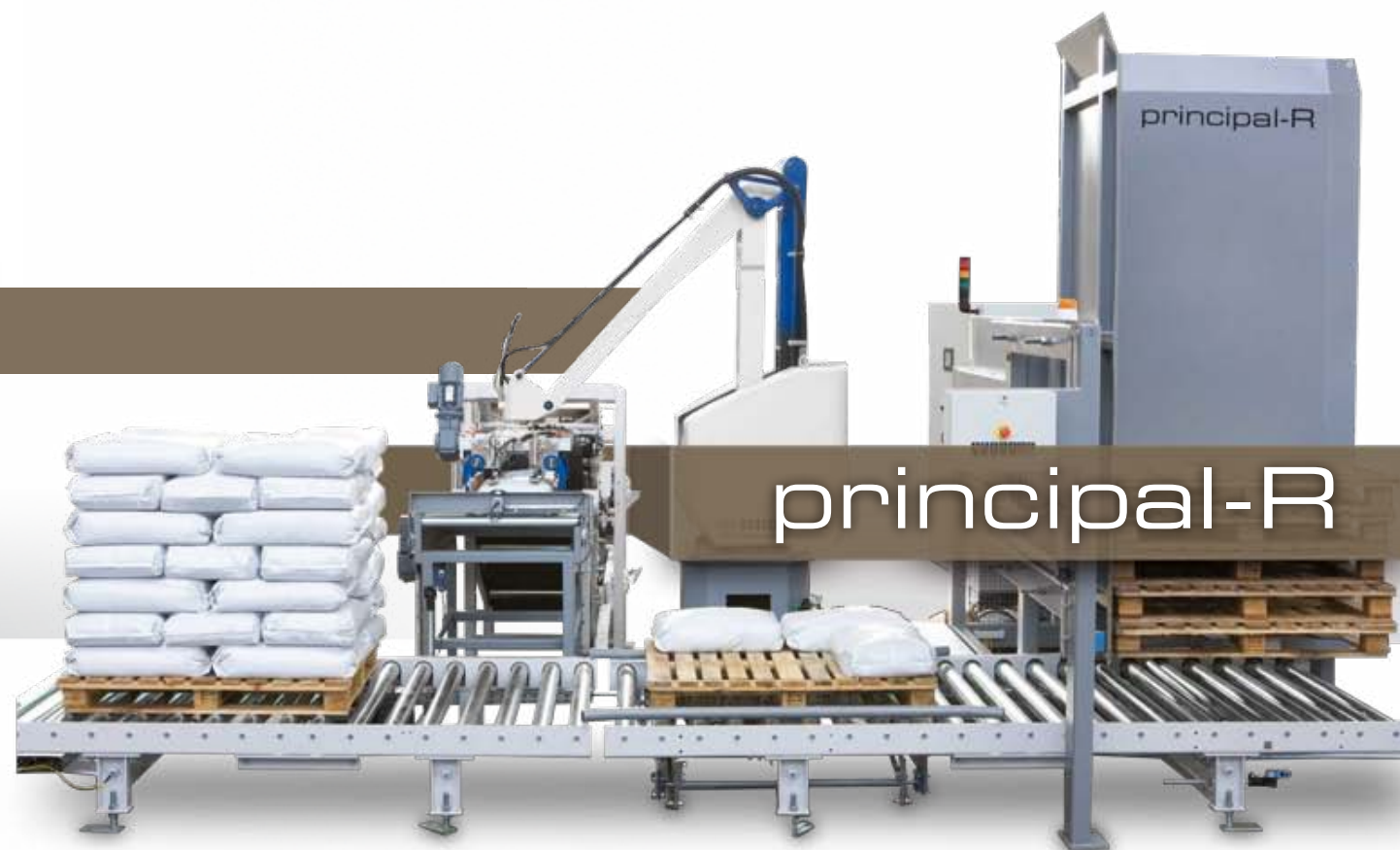
# principal-R

*High-quality robot palletizer*

up to

1400

units per hour



## *The Task*

- ✓ Bags (all types)
- ✓ Boxes

## *The Solution*

- ✓ Up to 1400 units per hour
- ✓ 5 to 110 kg per unit

## *The Technology*

- ✓ Articulated arm robot
- ✓ Cylindrical movement
- ✓ Working radius of 330°
- ✓ Grabber, clamp, fork or vacuum gripper
- ✓ Square roller conveyor
- ✓ Bag forming and pressing unit
- ✓ Bag removal station
- ✓ 30 - 400 palleting patterns programmable

## *Advantages*

- ✓ Minimal space requirement
- ✓ Extremely quiet operation
- ✓ Best stacking quality
- ✓ Overlapping palletizing
- ✓ CE certified
- ✓ High energy efficiency





# STATEC BINDER

highly efficient bagging and palletizing solutions

## *Turn key solutions*

### *Pioneer of packaging technology*

Packaging and palletizing systems from STATEC BINDER GmbH combine the company's broad and in-depth experience in the field of packaging technology with the very latest state-of-the-art technology. The modular, as well as compact design of the systems, allows for the highest flexibility in terms of machine set up and on-site customization at the given installation location.

### *Our philosophy*

It is our philosophy to continuously work to enhance the already high quality of our products and services by means of innovation and technical know-how based on systematic product planning tailored to the needs of our customers.

### *Motivation*

At the heart of our company understanding is the desire to provide our customers with products of the highest quality and reliability in combination with efficient and customer-orientated technical support. We aim to establish a trusting and co-operative relationship with each of our customers.

### *Customer service*

STATEC BINDER GmbH demonstrates the importance which it attaches to the quality of its customer service in its attention to even the smallest of details. the result: customers are offered solutions, which are tailored to their individual requirements. This includes the supply of individual components, the preparation of designs, the addition to existing systems, as well as the construction of complete turnkey systems.

- ✓ High-speed packaging
- ✓ Palletizing
- ✓ Weighing and dosing
- ✓ Sewing and sealing
- ✓ Pallet handling equipment
- ✓ Wrapping and hooding
- ✓ Conveying
- ✓ Printing and coding
- ✓ Labeling
- ✓ Big-bag packaging
- ✓ Metal detection
- ✓ Check weighing
- ✓ Spare parts service
- ✓ After sales service





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## Our core competencies:

High-speed packaging, palletizing, weighing and dosing, sewing and sealing, pallet handling equipment, wrapping and hooding, conveying, printing and coding, labeling, big-bag packaging, metal detection, check weighing and after sales service.

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Designed by BTMC