BHS Cube

THEEGARTEN PACTEC
smarter packaging





Key Facts

Performance

- 3,000 packaged cubes per minute

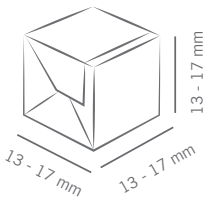
Integration

- Existing integration to Bonals or Kilian Press

Wrapping Style

- Side Fold

Format Range

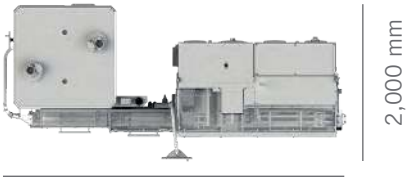


Machine Efficiency

- 97.5% OEE
- Real-time tracking of machine parameters facilitates predictive maintenance
- efficient troubleshooting through remote assistance

Compact Footprint

- Complete system of press and packaging machine



Highlights

Improved Output Quality

- Product specific tolerance compensation by improved sealing process (inductive heating of sealing jaws)
- Single product-specific quality control using high-performance camera systems

Lower Initial Investment:

- 25% reduced investment per wrapped cube

Hygienic Machine Design

- Components designed for easy accessibility and cleaning (according to standards like HACCP, IFS, FDA)
- Balcony design for separation between food-processing and mechanical drive
- physical separation product area and packaging material
- no painted parts in product area

Continuous Motion Technology

- Significant reduction of wear due to low mechanical stress level
- Reduced noise level (80dB)
- Low cube hardness required (above 40N in all dimensions)

Lower operational costs

	2 x common discontinuous motion bouillon wrapper	1 x Theegarten BHS
Operator	2	1 (Only one operator is required to manage the press and the packaging machine)
Cleaning per week	15 h	5 h
Electrical energy consumption	24 kW/h	7 kW/h
Compressed air consumption	10 m^3/h	5 m^3/h
Coolant	0.3 m^3/h	0.15 m^3/h

Lower maintenance costs per year

	2 x common discontinuous motion bouillon wrapper	1 x Theegarten BHS
oil	120 l	<10 l
Time required to oil machine	16 h	2 h
grease	2 kg	-
Time required to grease machine	52 h	-
cabinet filters	2 - 4	1 - 2

BHS Tablet

THEEGARTEN PACTEC
smarter packaging







Turnkey system for high-speed primary packaging and cartoning of bouillon tablets

Key Facts

Performance

- 2,500 packaged tablets per minute

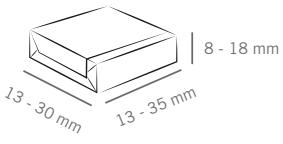
Integration

- Existing integration to Bonals or Kilian Press and Theegarten cartoning system

Wrapping Style

- Side Fold

Format Range

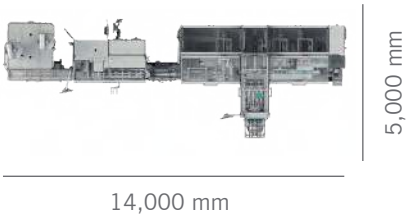


Machine Efficiency

- 97.5% OEE
- Real-time tracking of machine parameters facilitates predictive maintenance
- efficient troubleshooting through remote assistance

Compact Footprint

- Complete system of press, packaging machine and cartoner



Highlights

Improved Output Quality

- Product specific tolerance compensation by improved sealing process (inductive heating of sealing jaws)
- Single product-specific quality control using high-performance camera systems

Lower Initial Investment:

- 25% reduced investment per wrapped tablet

Hygienic Machine Design

- Components designed for easy accessibility and cleaning (according to standards like HACCP, IFS, FDA)
- Balcony design for separation between food-processing and mechanical drive
- physical separation product area and packaging material
- no painted parts in product area

Continuous Motion Technology

- Significant reduction of wear due to low mechanical stress level
- Reduced noise level (80dB)
- Low tablet hardness required (above 40N in all dimensions)

Lower operational costs

	2 x common discontinuous motion bouillon wrapper	1 x Theegarten BHS
Operator	2	1 (Only one operator is required to manage the press and the packaging machine)
Cleaning per week	15 h	5 h
Electrical energy consumption	24 kW/h	7 kW/h
Compressed air consumption	10 m^3/h	5 m^3/h
Coolant	0.3 m^3/h	0.15 m^3/h

Lower maintenance costs per year

	2 x common discontinuous motion bouillon wrapper	1 x Theegarten BHS
oil	120 l	<10 l
Time required to oil machine	16 h	2 h
grease	2 kg	-
Time required to grease machine	52 h	-
cabinet filters	2 - 4	1 - 2