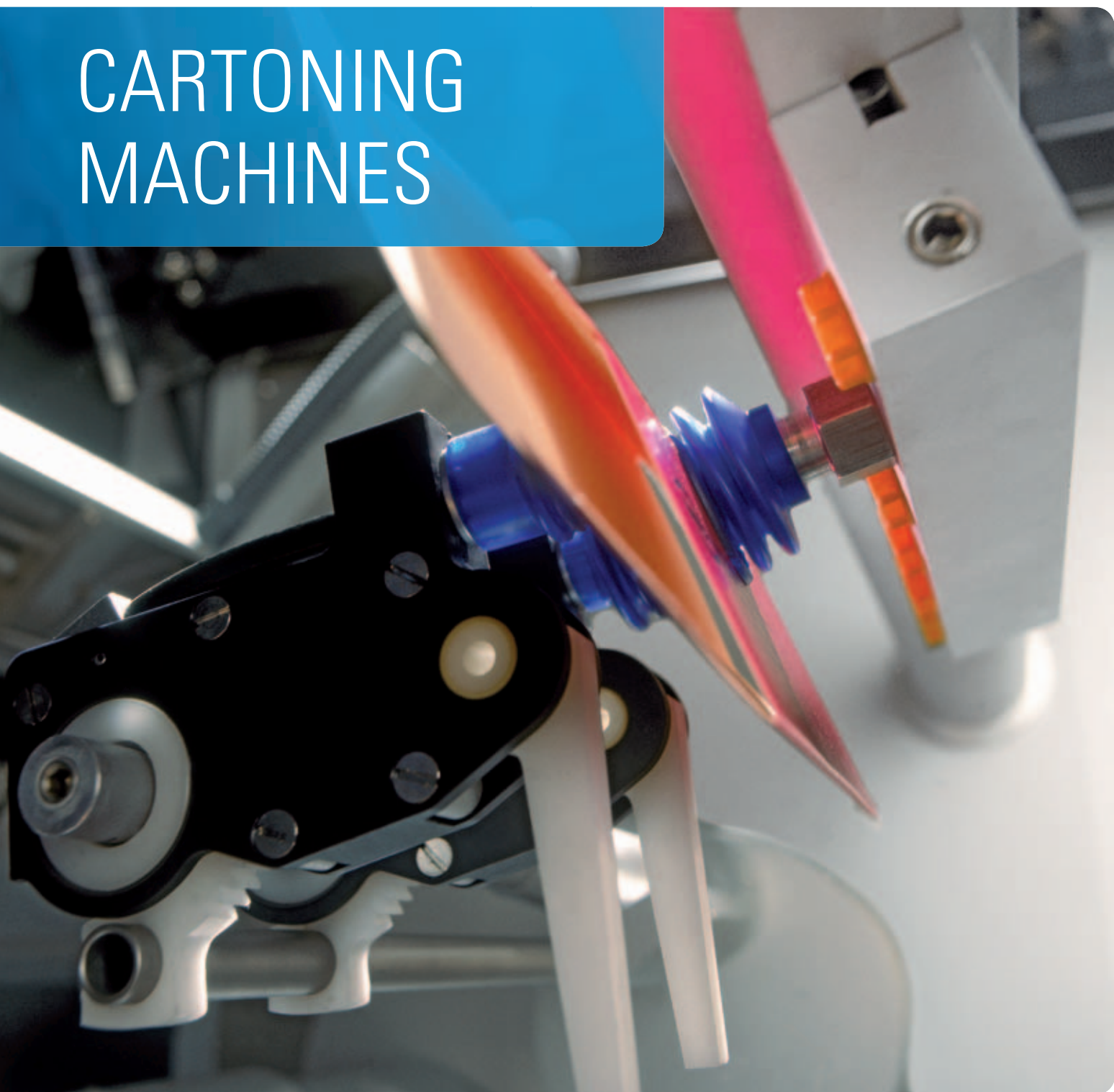


CARTOPAC SC 5 | CARTOPAC SI 5

CARTONING MACHINES



CARTONING MACHINE TECHNOLOGY – GAINING YOUR CONFIDENCE

With IWK you have a most competent partner at your side for solving complex inquiries and challenges aiming to the future, with a clear understanding of your market and your demands. As far as the packaging technology is concerned, we offer comprehensive and extensive know-how, competence and experience. Documentation and certification support is available as an option to reduce qualification and validation time.



IWK TECHNOLOGY – A GUARANTEE FOR BEING ON THE SAFE SIDE

The continuous and intermittent cartoning machine generation meets with your requirements

The SC/SI 5 machine series was specifically designed for applications in the pharmaceutical and cosmetics industry for low and medium machine outputs up to 100 resp. 200 cartons/min. Here are some of the convincing, outstanding machine features:

- design and machine functions meeting the requirements of the pharmaceutical industry
- short and space saving footprint
- easy, reproducible and nearly tool-free size changeovers
- modular design with machine preparations for additional functions in the future
- use of the servo drive technology for the optimal adaptation of machine functions to the packaging process requirements



CARTOPAC SC 5

MATURE TECHNIQUE FOR ENHANCED PRODUCTIVITY

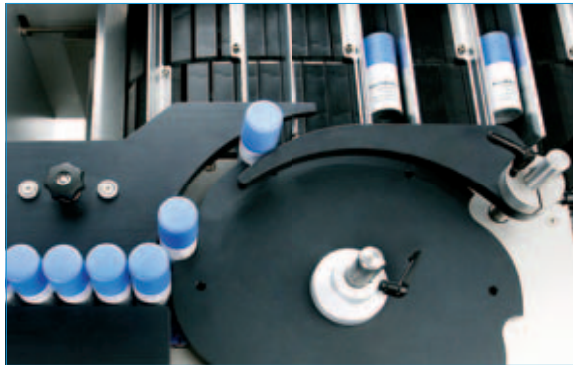
Workstations in detail

Carton pick-up

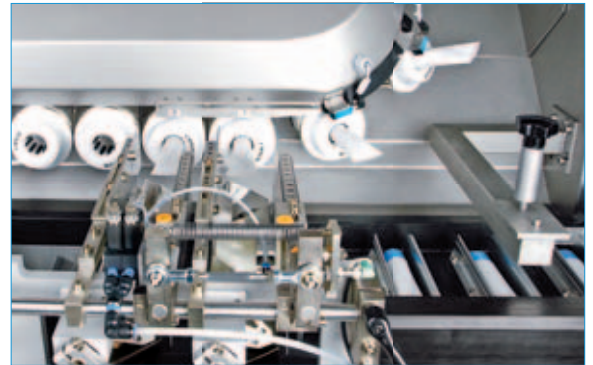
A newly designed cycloidal gear is used for the carton pickup. Cartons are picked up from the carton magazine by a rotating one- or two-arm suction system at a rate of 100 resp. 200 cartons/min. depending on the intermittent/continuous machine version SC/SI 5. Cartons positively opened by lever(s) and stationary counter suction cup(s) are transferred to the carton conveyor. Suction arm(s) and counter suction cup(s) position(s) must only be changed in case of a carton size changeover.

Carton pick-up





Star wheel transfer of bottles



Tube transfer in conjunction with an IWK tube filling machine model TFS 80-2



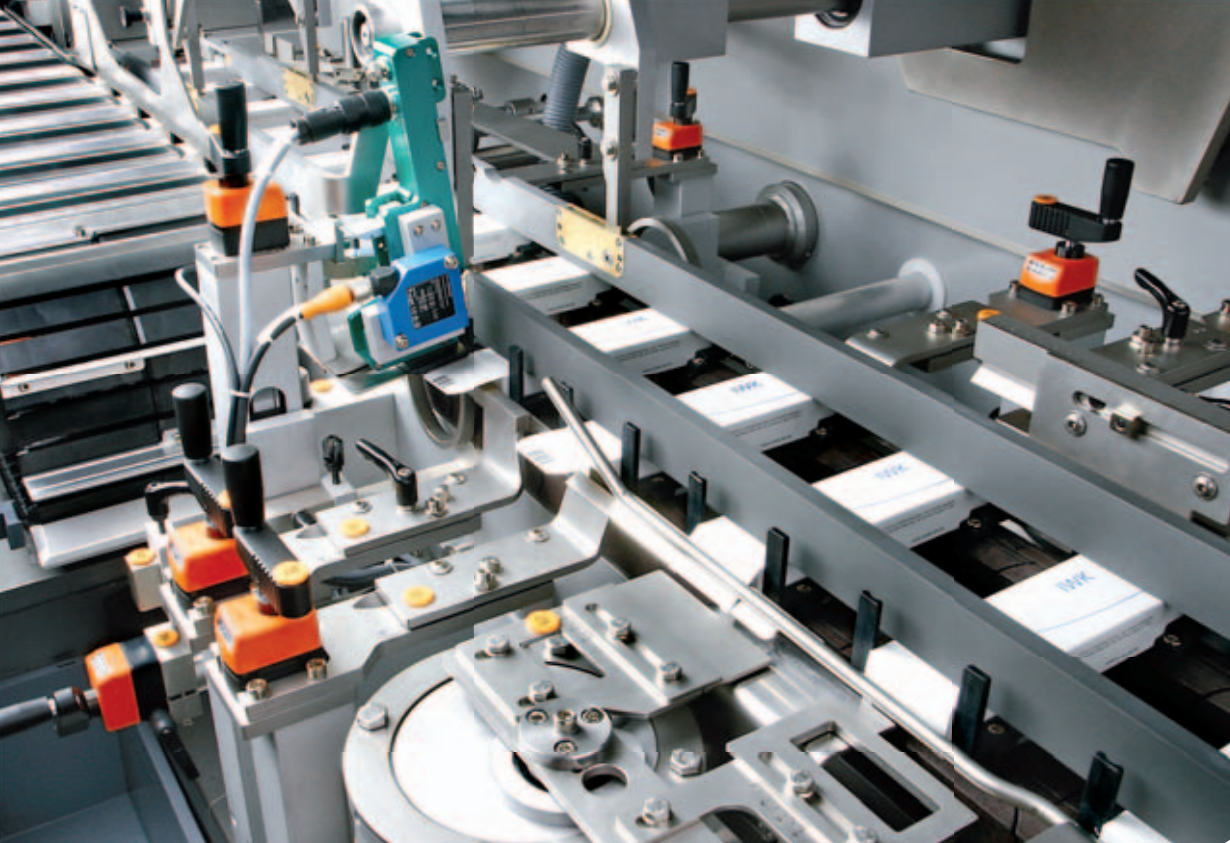
Product loading



Product loading

Product loading into the carton

Gentle product loading into the carton (with overload protection) is guaranteed. Carton loading is suppressed by a skip feed system in case of missing cartons, products or leaflets. Products and/or leaflets which are not loaded into cartons are rejected into separate reject bins.



Carton closing

IWK'S PROFICIENCY – YOUR PROFIT

Improved efficiency

Teleservice is available to save time and money through remote diagnostics and immediate fault correction without the need of having a service technician at site. Integrated electronic machine documentation allows for direct access to drawings and functional machine descriptions. Machine controls include a detailed spare parts catalogue which is literally at your finger tips.

Flexibility – second to none

The modular design concept is an ideal pre-requisite for add-ons to the machine or retrofits in the future.

Machine controls

Machine setup as well as format data are displayed on a 5,7" or 15,4" colour touch-screen operating panel. Outstanding process safety is guaranteed by servo drives.

Optional equipment

Leaflet feeding

- flat sheet leaflets
- prefolded leaflets
- various leaflet folding and feeding machines

Standard product transfers for

- bottles
- tubes
- Blister
- booklets/sachets

Entire range of pharmaceutical control systems like

- code reading of leaflets on one or on both sides
- code reading of cartons
- leaflet presence verification in the carton (Lumat)
- carton code verification, use of a camera as an option

For complex product transfers: FeedCell

(modular universal transfer solutions)

Carton coding

- emboss coding
- inkjet application
- laser coding

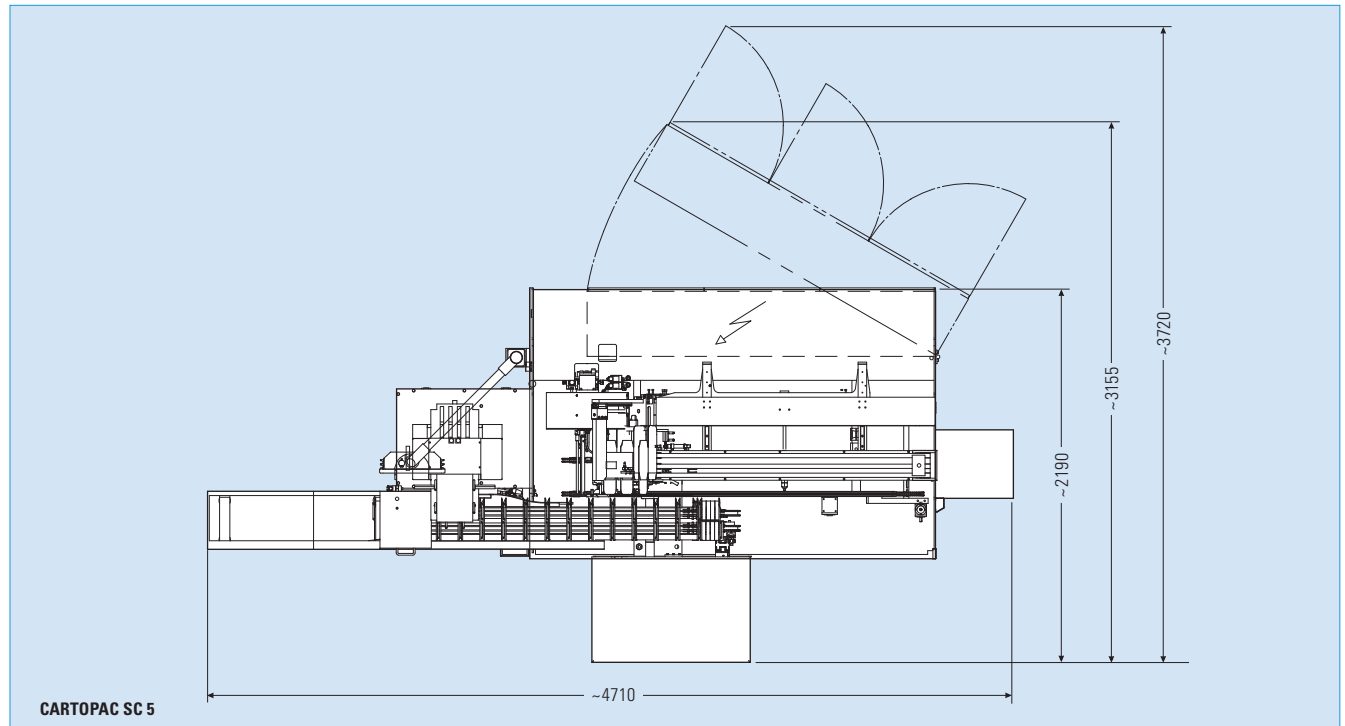
Rejection of faulty packs with reject control

(in case the reject control is used the carton stays in the discharge belts of the machine whilst the machine is stopped for manual removal of the faulty pack)

Various carton closing systems are available

- tuck closure
- glue closure
- tuck closure in combination with glue application on the dust flaps

TECHNICAL DATA



Cartoning machine model	CARTOPAC SC 3	CARTOPAC SC 4
Working principle	continuous	continuous
Size range, machine with 2 chains (mm)		A 20-75 B 15-75 H 50-85
Size range, machine with 3 chains (mm)		A 20-75 B 15-75 H 65-180
Size range, machine with 4 chains (mm)	A 25-55 B 20-45 H 105-230	A 20-75 B 15-75 H 85-230
Max. output (cartons/min.)	510	450
Power rating	3 × 400 V/50Hz	3 × 400 V/50Hz

Cartoning machine model	CARTOPAC SC 5	CARTOPAC SC 6
Working principle	continuous	continuous
Size range, machine with 2 chains (mm)		A 20-125 B 15-110 H 50-85
Size range, machine with 3 chains (mm)		A 20-125 B 15-110 H 65-180
Size range, machine with 4 chains (mm)	A 20-100 B 15-100 H 65-230	A 20-125 B 15-110 H 85-230
Max. output (cartons/min.)	200	300
Power rating	3 × 400 V/50Hz	3 × 400 V/50Hz

Cartoning machine model	CARTOPAC SI 4	CARTOPAC SI 5
Working principle	intermittent	intermittent
Size range, machine with 3 chains (mm)	A 20-75 B 15-75 H 65-180	
Size range, machine with 4 chains (mm)	A 20-75 B 15-75 H 85-230	A 20-100 B 15-100 H 65-230
Max. output (cartons/min.)	80	100
Power rating	3 × 400 V/50Hz	3 × 400 V/50Hz

Cartoning machine model	CARTOPAC SI 6	CARTOPAC SC 8
Working principle	intermittent	continuous
Size range, machine with 3 chains (mm)	A 20-125 B 15-100 H 65-180	A 40-165 B 20-75 H 65-180
Size range, machine with 4 chains (mm)	A 20-125 B 15-100 H 65-230	A 40-165 B 20-75 H 85-230
Max. output (cartons/min.)	60	150
Power rating	3 × 400 V/50Hz	3 × 400 V/50Hz

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