



PHARMAPAKTOR PRODUCT LINE APC C

The innovative compacting technology for the pharmaceuticals branch



HOSOKAWA ALPINE

Process technologies for tomorrow.

THE PHARMA SPECIALIST

Saving resources through intelligent technology

The pharmaceuticals industry places extremely high demands on compaction processes in order to permit the processing of ultrafine and challenging powders. With the Pharmapaktor C, Hosokawa Alpine has the ideal solution to fulfil the requirements of the industry.

The Pharmapaktor C is available in a number of different machine sizes and can therefore cover a correspondingly wide range of application areas. As a result, Hosokawa Alpine always has the right solution for micro-batch compaction on a laboratory scale (50 g batches) as well as for production capacities up to 400 kg/h.

THIS IS WHAT COUNTS

THE COMPACTION OF SMALL MATERIAL BATCHES BRINGS SEVERAL ADVANTAGES:

- Suitable for processing micro-batches
- Development of new applications possible using only small amounts of material
- Significant savings effect when using high-grade and scarce raw materials



➤ APC C 250





THE FACTS SPEAK FOR THEMSELVES

ACCESSORIES

- › Rolls
- › Feed screws
- › Screens

HANDLING

- › Fast change of screws, rolls, rotor and screen
- › Short cleaning times
- › Easy operation

PROCESS

- › Material batches of 100 g possible
- › Automatic press force control
- › Automatic electromechanical gap adjustment
- › Vacuum deaeration
- › Integrated flake crusher
- › Fast product change possible
- › Start-up mode for maximum material yield

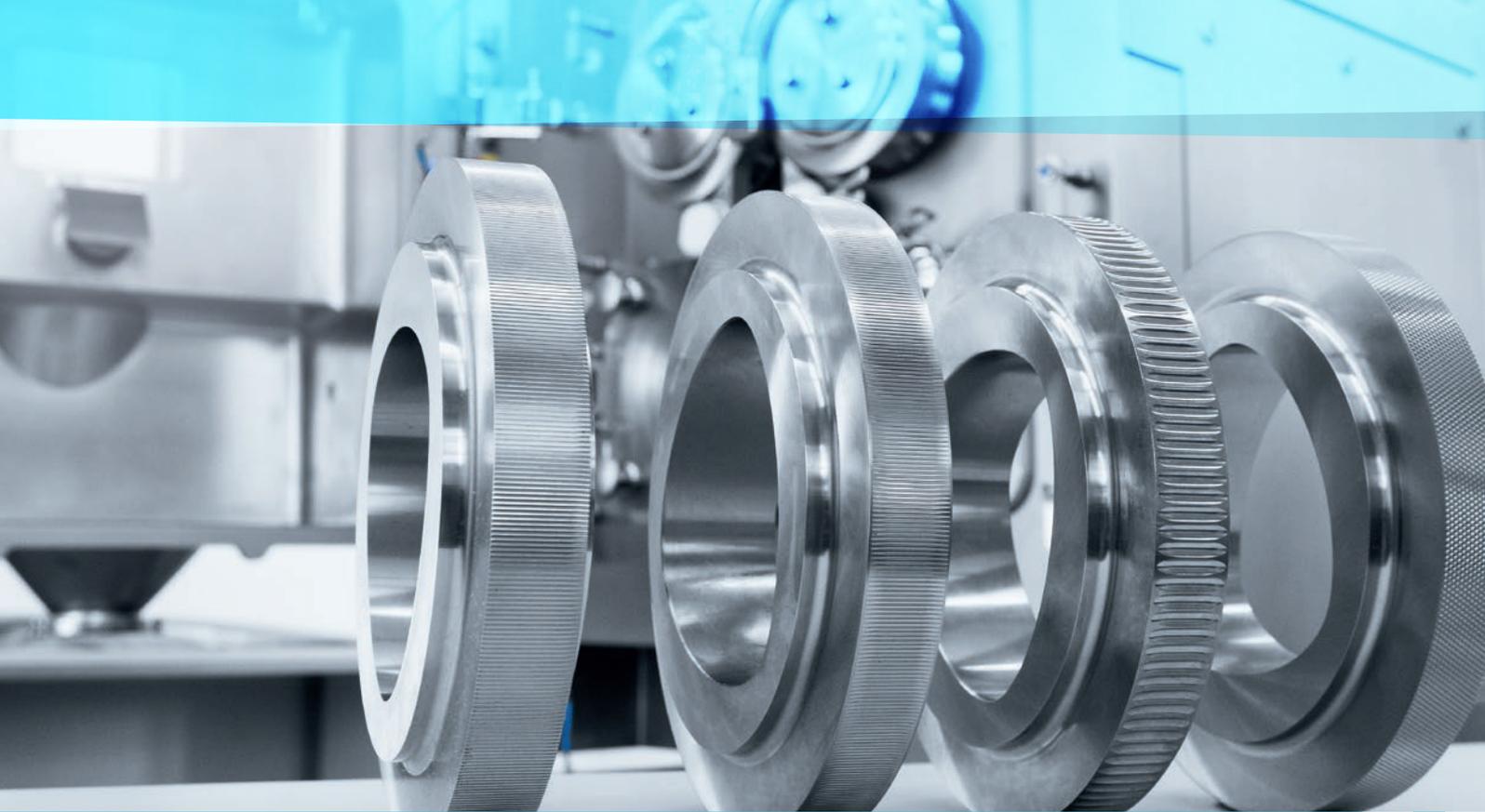
DESIGN

- › Dust-tight
- › Roll diameters: 80 mm and 250 mm
- › Cantilevered rolls
- › Parts in contact with the product made of stainless steel
- › FDA-approved

OPTIONS

- › ATEX
- › WIP
- › Gas-tight
- › Roll cooling
- › Inert operating mode
- › Conversion kit: 30 mm and 50 mm working width in one machine (ARC C 250)
- › GAMP 5
- › OEB 5

*Have we whet your appetite?
We look forward to hearing from you!*



TEST IT FIRST – BEFORE YOU DECIDE

Make use of our unique service and test your special system configuration during the planning phase in **Hosokawa Alpine's testing centre**. Over 60 machines and complete systems are available as well as test laboratories at two locations. The result: You receive a system concept tailored to your individual requirements. **Interested? Get in touch with us!**

THE MANY ADVANTAGES ARE CONVINCING

CONTAINMENT

Increasing occupational safety requirements and the use of highly potent pharmaceutical substances increasingly call for the employment of containment systems. If required, the C product line can be equipped with state-of-the-art isolator technology.

HIGHEST PRODUCT QUALITY

An innovative process control and the monitoring of the compaction process ensures top-quality results.

COST EFFICIENCY

Even small batches can be produced with hardly any material loss.

FLEXIBLE WORKING WIDTH ARC C 250

The special conversion kit makes it possible to change the working width between 30 mm and 50 mm in one machine.



➤ APC 80

TECHNICAL SPECIFICATIONS

TYPE	APC C 80/20	APC C 250/30	APC C 250/50	APC C 250/100
Max. press force (kN/cm)	6	40	24	20
Roll diameter (mm)	80	250	250	250
Roll width (mm)	20	30	50	100
Roll speed (1/min)	0.5–18	0.5–30	0.5–30	0.5–30
Roll gap (mm)	0.5–3	0.5–4	0.5–4	0.5–4
Weight (kg)	approx. 700	approx. 2,000	approx. 2,000	approx. 3,000
Throughput (kg/h)	6	30	150	400
Smallest batch size (g)	50	100	100	100

FULL SERVICE – FROM ONE SINGLE SOURCE

Decide in favour of the individually coordinated **service options from BLUESERV** and prolong the life cycle of your system in this way. Optimise your processes – comfortably and reliably – with flexible maintenance agreements, stock or call orders for spare parts, regular system checks and intensive support. **Interested? Always at your service!**

ALWAYS THE OPTIMUM SETTING

The intelligent control unit is one of the innovative features of the Pharmapaktor C. Dependent on the product properties, two different control modes are possible:

The classic variant applies the relationship between the speed of the feed screw and the roll speed to regulate the press force. Alternatively, regulation is possible by means of the electromechanically adjustable roll gap. Another highlight is the specially developed start-up mode: it starts the machine in the shortest possible time, thus keeping the amount of uncompacted material low.



› The user-friendly control screen



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