



KOMPAKTOR PRODUCT LINE APC L

We bring your powders into top shape



HOSOKAWA ALPINE

Process technologies for tomorrow.

THE COMPACT POWERHOUSE

*Proven know-how for a diversity of branches:
chemicals, pharmaceuticals, food, recycling, minerals and metal industries*

The Hosokawa Alpine Kompaktor L 200 is a robust, high-performance powerhouse, which shows its true mettle: it works with high press forces and is mobile and space-saving. The classic among the compaction machines achieves optimal results when compacting powders. This is ensured by the technically sophisticated machine concept that has stood the test of time.

Dependent on the requirements, a choice can be made between two different roller compacting-agglomerating techniques: dry granulation and briquetting.

THIS IS WHAT COUNTS

PRODUCT QUALITY

- Dust-free granules
- Dimensionally stable briquettes
- Reproducible production

COST EFFICIENCY

- Energy-efficient
- Low-maintenance and wear-resistant
- Flexible
- Automatic process
- Fast product change

SAFETY

- Complies with European safety standards

PROCESS-TECHNOLOGICAL ADVANTAGES OF PRESS AGGLOMERATION

- Good granule flow properties
- Often no binder necessary
- Bulk density increase
- Selectable granule and briquette sizes
- Low heat development
- Good dosing capability
- Dry process





THE FACTS SPEAK FOR THEMSELVES

ACCESSORIES

- › Rolls
- › Feed screws
- › Product chambers

HANDLING

- › Fast component change: screw, rolls
- › Short cleaning times
- › Easy operation

PROCESS

- › Especially for production capacities from 20 kg/h – 150 kg/h
- › Automatic press force control

DESIGN

- › Press forces to 150 kN resulting from the unique and proven press head with H-frame
- › Dust-tight
- › Working width: 30 mm and 50 mm
- › Supported in bearings on both sides
- › Product-contact parts made of stainless steel
- › Ra = 0.8 µm

OPTIONS

- › ATEX
- › WIP
- › Vacuum deaeration
- › Flake crusher

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



› Dry granulation:
flakes and granules



› Briquetting:
briquettes

THE CHOICE IS YOURS: THE VERSATILITY OF THE PRODUCT LINE L IS CONVINCING

Granulation? Briquetting?

The product line L can do both and always achieves an optimal result.

DRY GRANULATION

- › Dry granulation process steps:
- › Compacting (L)
- › Crushing
- › Screening (optional)
- › Return of the screened fines portion (optional)

BRIQUETTING

Press rolls with moulds offer manifold possibilities of generating different product shapes and sizes such as:

- › Pillows
- › Almonds
- › Sticks

Briquetting process steps:

- › Briquetting (L)
- › Screening
- › Return of the screened fines portion

TECHNICAL SPECIFICATIONS

TYPE	APC L 200/30	APC L 200/50
Press force (kN)	80	150
Roll diameter (mm)	200	200
Roll width (mm)	30	50
Drive (kW)	2.95	5.1
Roll speed (1/min)	4–30	4–30
Weight (kg)	approx. 1,250	approx. 1,300

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!**

TWO CLASSICS FOR AN OPTIMAL RESULT

Proven crushing and compacting technology interact here: when it comes to granulation, the Hosokawa Alpine flake crusher AFC is the ideal complement to the L product line.

› Flake crusher AFC 200





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HOSOKAWA ALPINE AKTIENGESELLSCHAFT

Peter-Doerfler-Strasse 13–25
86199 Augsburg
Germany

Fon: +49 821 5906-0
Fax: +49 821 5906-101
E-mail: mail@alpine.hosokawa.com

www.hosokawa-alpine.com

HOSOKAWA ALPINE COMPACTION A DIVISION OF HOSOKAWA ALPINE AKTIENGESELLSCHAFT

Liebigstrasse 8/2
74211 Leingarten
Germany

Fon: +49 7131 898669-0
Fax: +49 7131 898669-309
E-mail: compaction@alpine.hosokawa.com

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