

Pelleting Presses for the Food and Pharmaceutical Industries



Economic operation

- Due to continuous operation

Qualification and validation

- For reproducible and quality-conforming production
- Pharmaceutically compatible design according to GMP
- FDA-conforming materials

Versatility

- Thanks to facilitated handling

GMP/FDA-conforming design

- To avoid cross-contamination
- To ensure good accessibility of all plant parts
- Compact design, easy to operate
- Temperature measurement
- Easy and reliable cleaning
- Frequency-controlled drive of the main shaft
- Minimisation of clean room areas

Pharmaceutically compatible design

For application in the pharmaceutical industry, the flat die pelleting presses are designed according to GMP guidelines.

They can be qualified and the process can be validated according to FDA requirements.

Pelleting Press 14-175



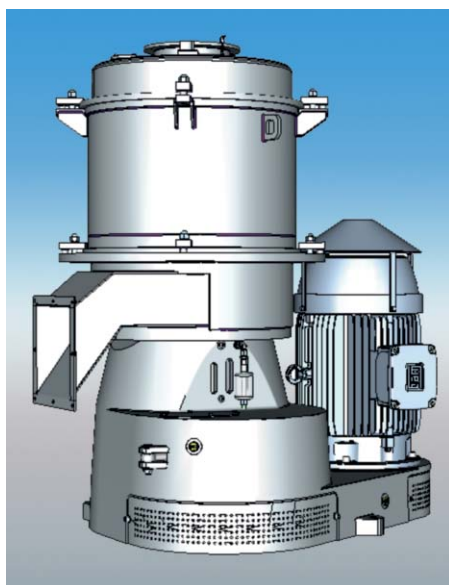
The press 14-175 is a high-performance laboratory machine with a very wide range of applications.

The pelleting presses have been designed for efficient dry granulation (agglomeration by compression) of tablet compounds. The design of this series, which is especially appropriate for use in the pilot plant and as a small

production machine, ensures an unmatched flexibility by using different pan grinder roller and die configurations as well as the positive drive of the pan grinder rollers.

The tablet compounds granulated using this press can be directly compacted to tablets.

New: Pelleting Press 33-600



Further development of the pelleting presses for the chemical and the pharmaceutical industries. Press type 33-600 as a new machine for capacities of more than 150 kg/h with surface-intensive products. Production machine for highest availability requirements.

Just like the pelleting presses 14-175, 33-390 and 33-500, this machine is also designed according to GMP guidelines for applications in the pharmaceutical industry. They can be qualified and the process can be validated according to FDA requirements. Stainless steel design, on request with inspection certificate acc. to DIN EN 10204 - 3.1

- Oil-free drive, version for dust-explosion-proof operation
- Connection possibility to inertization (Atex-compliant)
- Automatic gap control between pan grinder rollers and die ensures highest process safety and product quality
- Examples of pharmaceutical products: Tablet compounds, active ingredients, caffeine, ibuprofen, aromatic flavours, vitamin preparations, etc.
- Examples of food products: Instant products, nutritional supplements, etc.



AMANDUS KAHL GmbH & Co. KG

Dieselstrasse 5-9
D-21465 Reinbek / Hamburg
Phone: +49 40 72771-0
Fax: +49 40 72771-100
info@akahl.de
www.akahl.de