

Pelleting presses for small and medium productions

The pelleting presses type 33-390 and 33-500 are used for the production of medium quantities and have been successfully used in the field of compacting in the following branches of industry:

- chemical industry
- pharmaceutical industry
- synthetic materials industry
- waste disposal and recycling industry
- minerals industry
- energy industry

Pelleting using flat die pelleting presses is an effective and efficient way of compacting powdery and lumpy materials.



The pelleting plants are controlled and monitored by means of PC visualisation systems and by user friendly control cabinets.



The pellet diameter can be selected.

Pelleting press 33-390 with proportioning screw installed in the KAHL pilot plant.

Our pilot plant and our test engineers are at your disposal for product testing.

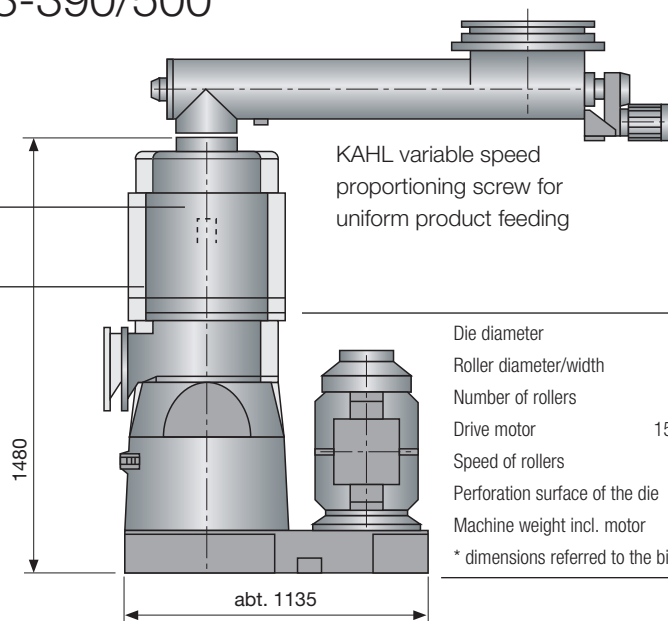
Pelleting press 33-390/500

Details of the press:

Pelleting press 33-390
diameter of die 390 mm

Pelleting press 33-500
diameter of die 500 mm

- Product specific rollers
- Press casing can be cooled or heated
- Die heating/cooling
- Positive roller drive
- Roller drive



Die diameter	390 or 500 mm
Roller diameter/width	230/77 mm
Number of rollers	2 or 3-4
Drive motor	15-30/1500* kW/min ⁻¹
Speed of rollers	2.2 m/s
Perforation surface of the die	617 or 840
Machine weight incl. motor	990 or 1300 kg

* dimensions referred to the biggest motor available

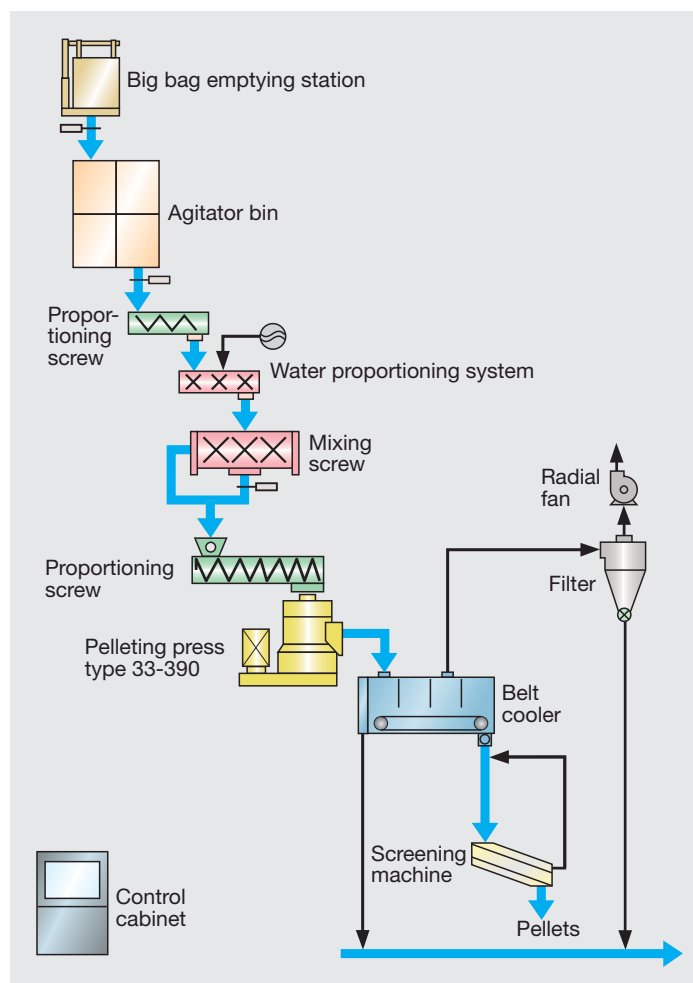
The main fields of application of the process technology "pelleting":

- Pre-compacting
- Increase of bulk density
- Better proportionability
- Conditioning of raw materials
- Shaping
- Blending with carrier materials
- Conditioning of waste products
- Compacting for utilization, disposal, or recycling
- Processing of finished products

Examples of products pelleted on an industrial scale:

- Chemical industry:**
 - accelerators, catalysts, CMC
- Pharmaceutic industry:**
 - pre-compacting, increase of bulk density, instant products
- Synthetic materials:**
 - additives, powder of synthetic materials, stabilisers
- Disposal and recycling:**
 - synthetic materials, paper, domestic waste, sewage sludge
- Energy industry:**
 - coal dust, reproductive raw materials, paper and synthetic materials
- Minerals:**
 - lime, talc, chalk, clay, kaolin

Pelleting plant for CMC



AMANDUS KAHL GmbH & Co. KG
 Dieselstrasse 5-9
 D-21465 Reinbek / Hamburg
 Phone: +49 (0)40 727 71 - 0
 Fax: +49 (0)40 727 71 - 100
 info@amandus-kahl-group.de
www.akahl.de