

Pelleting presses for small and medium productions

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



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

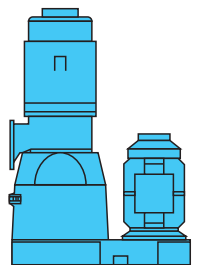


The pellet diameter can be selected.



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

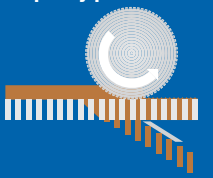
Pelleting press type 33-390
Pelleting press type 33-500



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.

The range of KAHL pelleting presses comprises 12 sizes which cover laboratory requirements through to high capacity production.



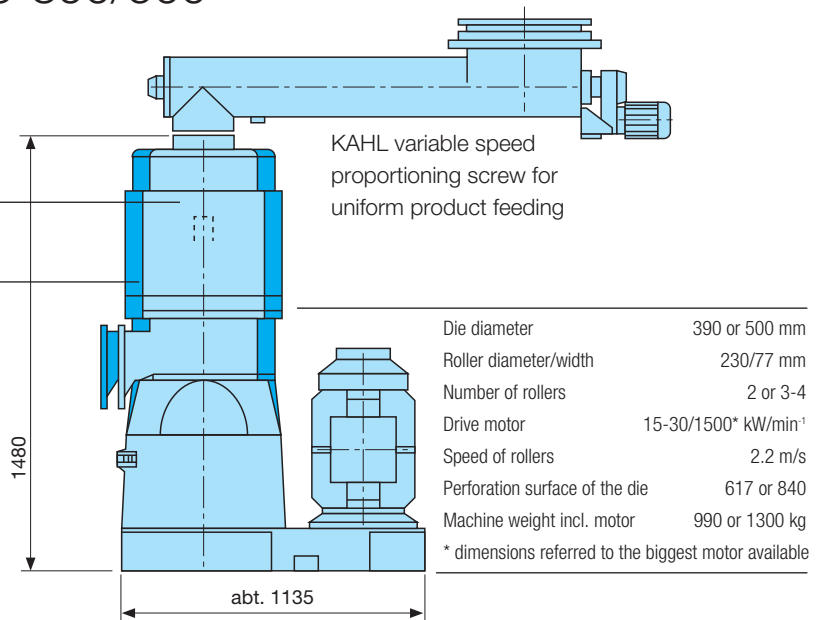
Pelleting press 33-390/500

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



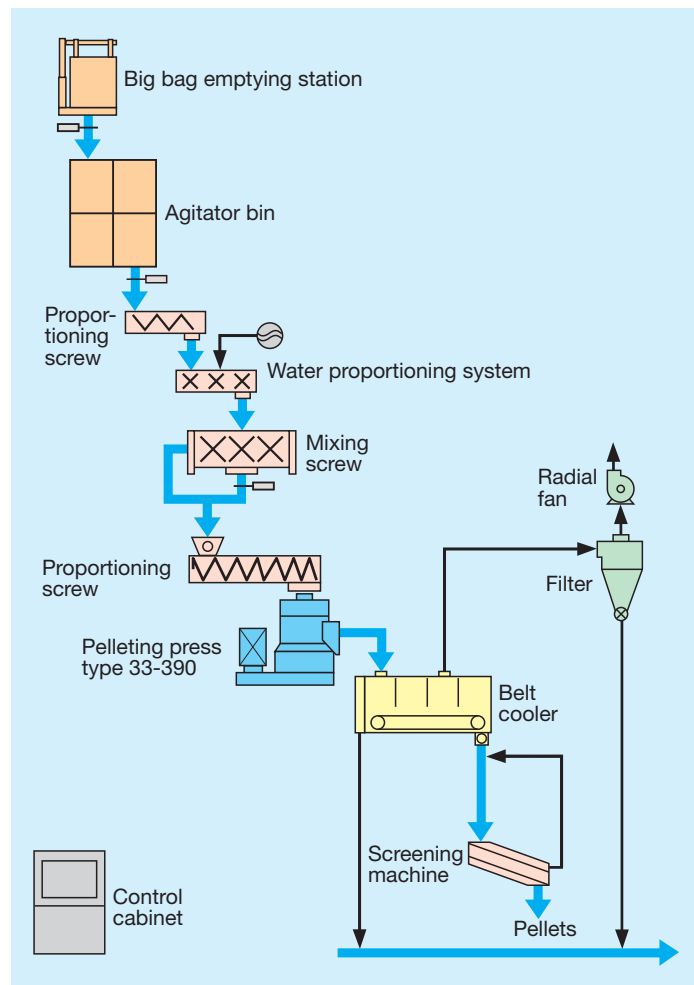
The main fields of application of the process technology "pelleting":

- 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



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