As the name shows, it is used to coat agglomerated products with a liquified material.

In the feed industry, for example it is used to coat pellets with fat or sugar material in order to improve the nutritive value and favour the appetite.

The grease incorporated into the mixture gives good results, but the percentage is limited according to formulas (3.5% on average, 8% on an Alfafa base ration), as it decreases the quality of pellets; consequently the excess must be coated.
Fat coaters and Enzymers

Features and options

**Features**
- Specific feeder for accurate and optimised product distribution.
- Solid material introduced under in the form of a curtain.
- Spraying nozzles according to different types of liquids for accurate flowrates.
- Mixing tools ensuring a perfect particles distribution and movements.
- Mixing ribbon ensuring a better coating.
- Trough or tubular design
- Heating and insulation of trough

**Option**
- 2 product outlets and dual-rotation direction

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**The spraying**

The spraying is usually done on cold pellets (up to about 8%), the percentage varies according to the dimension of pellets and mixture ingredients.

The inconvenience of spraying on hot pellets ensuring a temperature uniformity is a limited penetration due to the moisture level in the product.

Spraying on cold pellets followed by heating and further cooling ensures a maximum penetration (the grease being solidified before being completely absorbed), but this technique is much more costly.

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**Enzymer / fat coater**

<table>
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<th>Capacity</th>
<th>Diameter</th>
<th>Overall sizing (mm)</th>
<th>Installed power</th>
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