With its vacuum coater, Stolz offers state of the art and improved coating. Mainly intended for petfood, fishfeed and livestock feed to upgrade their nutritional value by incorporating large amounts of liquid penetrating at heart or bycoating the surface. That solution provides:

- specific incorporation and distribution
- upgrade use of additives
- addition of liquids and powders
- multilayer coating technology
- non-sticky surface state
- excellent uniformity while reducing the risk of breakage.
Vacuum Coater

Features and types of additions

**Features:**
- Vacuum in the coater and the hopper downstream to optimize sealing
- Possible extreme low pressure
- New gradual atmospheric pressurisation
- Vacuum cycle diagram recovery for full traceability
- Variation of the speed of the rotors for carrying fluidification of supports to be coated
- High accuracy in fluids injection and dosing
- All stainless steel equipment
- Room cleaning by clean-in-place

**Types of liquids additions:**
- Fat (+ possible 40%)
- Oils
- Omega 3
- Flavours
- Vitamins
- Antioxidants
- Pharmaceutical products
- Colourings (pellets)
- Pigments (fish feed)

### Principle of working

**Step 1:**
- The vacuum is caused by pressurisation

**Step 2:**
- Incorporation of liquid

**Step 3:**
- New gradual atmospheric pressurisation

**Step 4:**
- Final coating with atmospheric pressure and / or powder coating

### Optimum filling levels

- 140%
- 120%
- 100%
- 80%
- 40%

### Smaller gaps for less breakage