

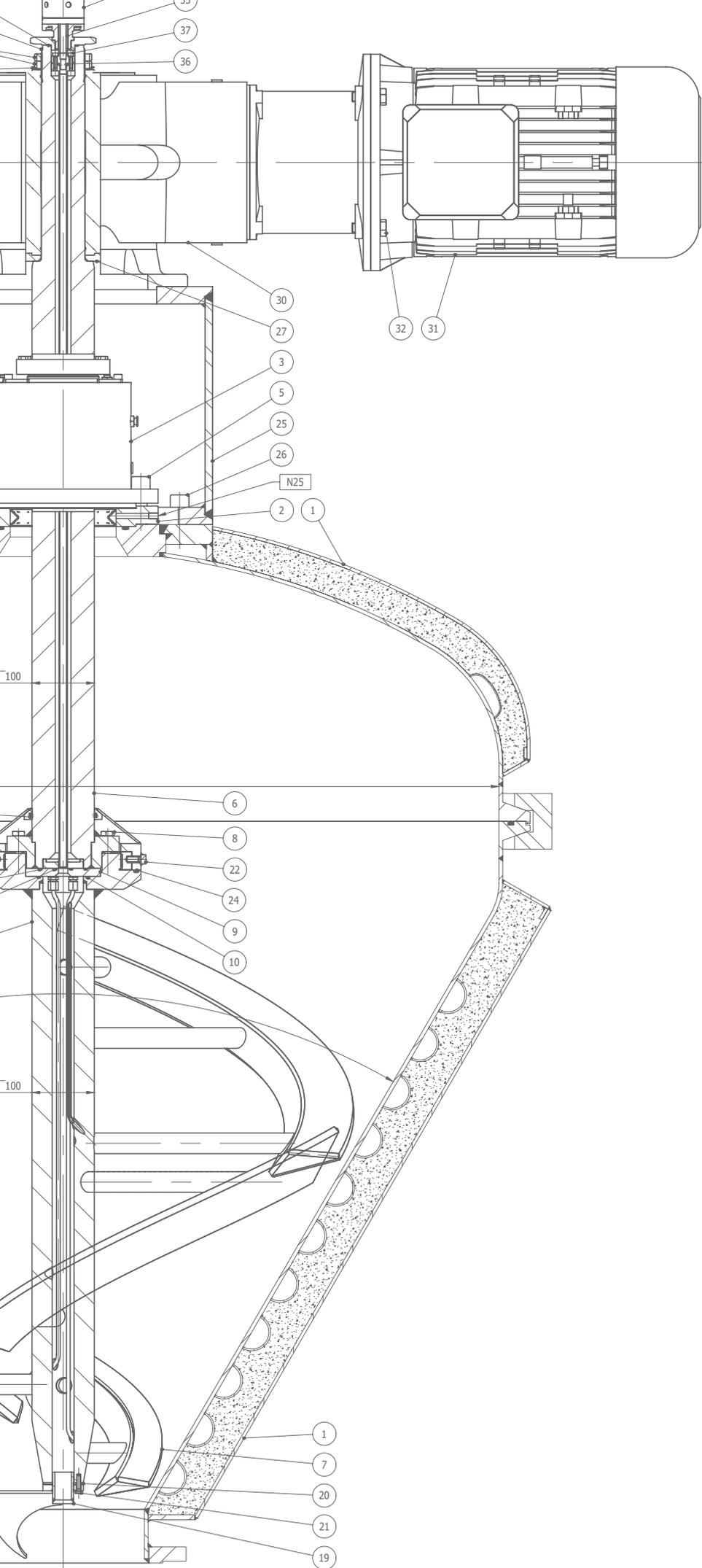


# Vacuum dryers

**Delta** Costruzioni Meccaniche s.r.l.

# Vacuum dryers

Delta's vacuum dryers are the most efficient systems for solids drying. From plug-in pilot units to complete self-controlled plants.





## DCHD - CONICAL HELICAL DRYER



### DCHD: no discharge problems

The DCHD Delta Conical Helical Dryer is a vertical conical machine with an internal agitator with a helical design. The main feature of the DCHD

is the very high effectiveness of its drying and discharging process, due to its body shape.

### The shape is its strenght

The agitator, which is supported by the top head, can rotate in both directions according to process needs.

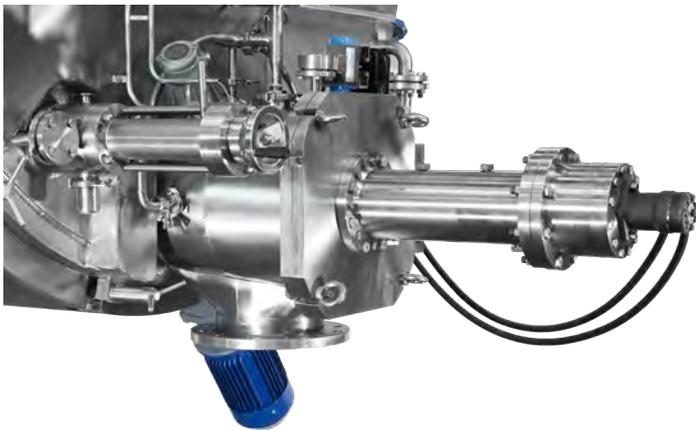
- During drying, the agitator mixes the product, providing heat and avoiding lumps generation.
- The heating system, installed on all machine surfaces including the agitator, provides high heat transfer coefficients.



## DVRF - HORIZONTAL VACUUM DRYER

### DVRF: top drying performance

The DVRF Delta Horizontal Vacuum Dryer is a robust machine designed for achieving the best vacuum drying conditions, thus providing customers with optimal performance.



- The flat front door provides easy body access for inspection and maintenance.
- The agitator, which is located on the welded flat driven end, performs the main dryer operations such as mixing, heating, and discharging.
- The heating system, installed on all machine surfaces including the agitator, provides high heat transfer coefficients.
- The discharge valve can be located, depending on needs, on the front door or on the cylindrical vessel.



## VVD - DRYING AND NOTHING ELSE

The VVD Delta Vertical Vacuum Dryer is a machine that has been designed with a singular purpose: to vacuum dry.

The VVD is equipped with several focused devices that allow the customer to obtain a perfect drying process.

- The agitator is fundamental for each operation. Located on the top head, it can rotate in both directions and can be lifted or lowered, according to process needs.
- The Delta VVD plug discharge valve, positioned on the body side at the flat head level. The design features are derived from extensive experience and process knowledge. Manually or automatically driven, it can be adapted to both main packaging and high-containment devices.



### Customization is our bible

Delta has developed standard Vacuum Dryer machine configurations to adhere to the specific production needs for several applications and industries.

As per the Delta Costruzioni Meccaniche philosophy, each machine can be completely customized to the customer's needs.



Delta manufactures technologies for liquid-solid separation and vacuum drying to maximize its customers' production performances in terms of efficiency and effectiveness.

Quality, customization, internal production, and attention to customers' needs are the key factors that characterize Delta's activities and lead our innovation process.