

SCREW FEEDER FOR CONTINUOUS KILN AFB



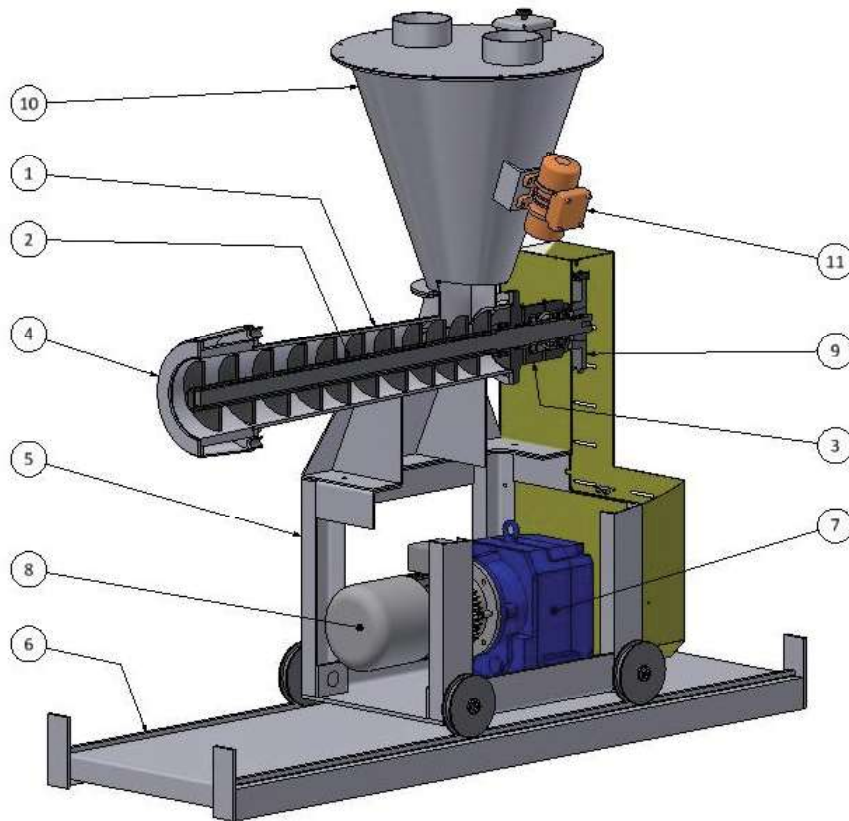
The AFB feeding screw designed for the feeding of basin furnaces, was specifically created for the introduction of the mixture of raw materials necessary for the production of frit.

The main components are:

- Central body: includes the conical body and the spiral helix.
- Support and Shaft: essential for the stability and correct rotation of the spiral.
- Cooling sleeve: designed to maintain optimal temperatures during operation, ensuring reliable performance and extending spiral life.
- Motorization: composed of reducer and servo-ventilated electric motor, with motion transmission by means of pinions and chain.
- Support structure: provides the necessary stability, ensuring a safe and sturdy installation.

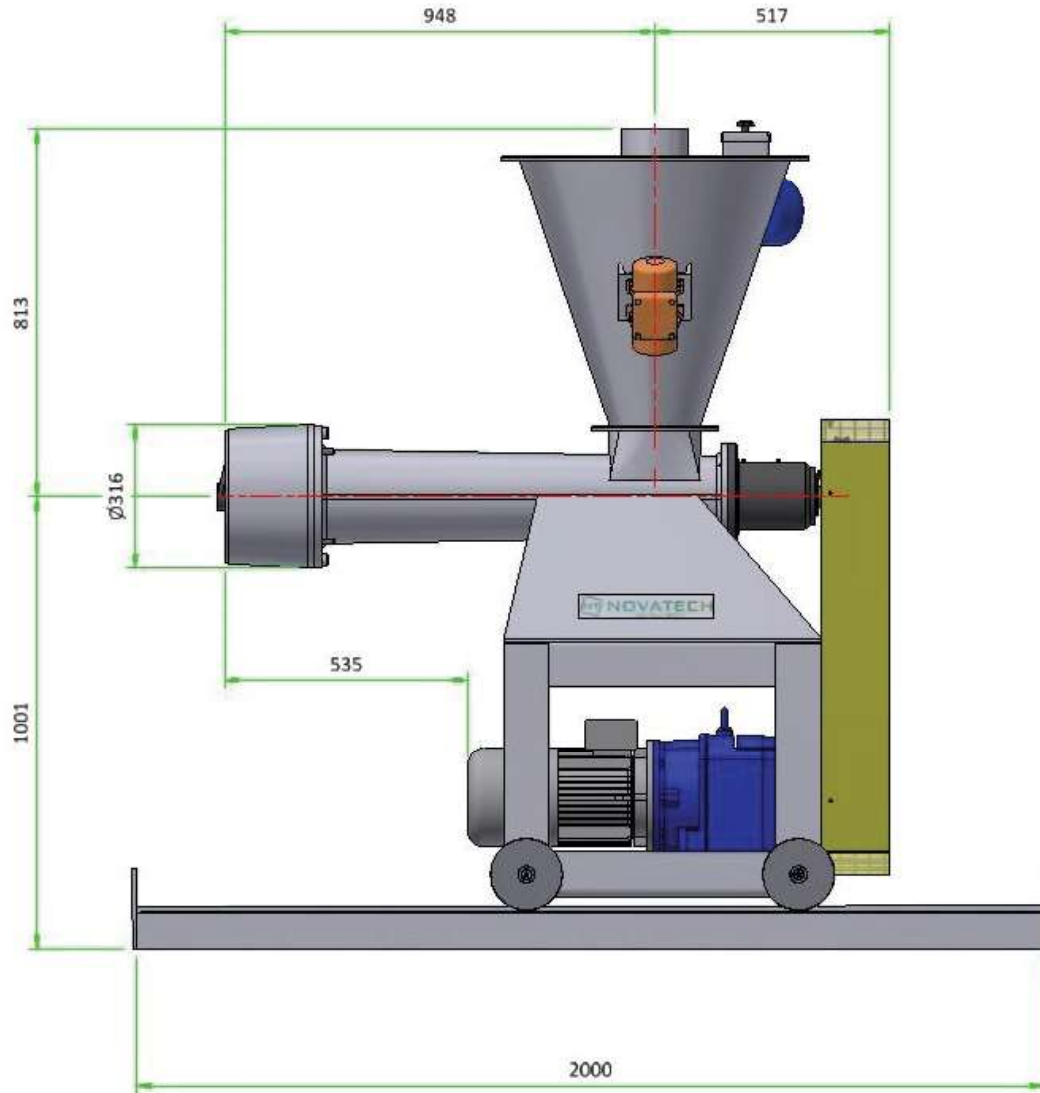
In some cases, the supply of the lower sliding frame (manual or motorized) and the loading hopper complete with level probe and vibrating system for lowering the material are also envisaged.

The maximum capacity that the machine can reach is 850 kg/hour



1	CONICAL BODY
2	SPIRAL
3	SUPPORT WITH BEARINGS
4	COOLING SLEEVE
5	SUPPORT STRUCTURE
6	SLIDING FRAME
7	GEAR REDUCER
8	ELECTRIC MOTOR
9	CHAIN DRIVE
10	LOADING HOPPER
11	MOTOR VIBRATOR

MAIN FEATURES



Materials and Construction:

High temperature resistant materials: use of special alloys designed to withstand high temperatures.

Rugged Construction: Designed to withstand heavy loads and demanding industrial environments, ensuring durability.

Performance and Maintenance:

Operational efficiency: Maximizes the transportation of the raw material mix, contributing to a continuous production process.

Maintenance: components designed to be accessible and replaceable, simplifying maintenance operations and reducing downtime.

Operational Safety: Incorporates safety features to prevent malfunctions and ensure safe operation.



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Dimensions in millimetres. Non-binding data.

Novatech reserves the right to modify the technical data indicated above. For any limitations of the product, consult the relevant Use and Maintenance Manual.



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