

# HYDROTHERMAL REACTOR

## FEATURES

- Gentle treatment
- Low energy input
- Controllable process steps
- Wide range of applications
- Low maintenance cost
- Minimum downtime
- Easy operation



LIVESTOCK



POULTRY



BIOMASS



FOOD



ORGANIC  
FERTILIZER  
PROCESSING



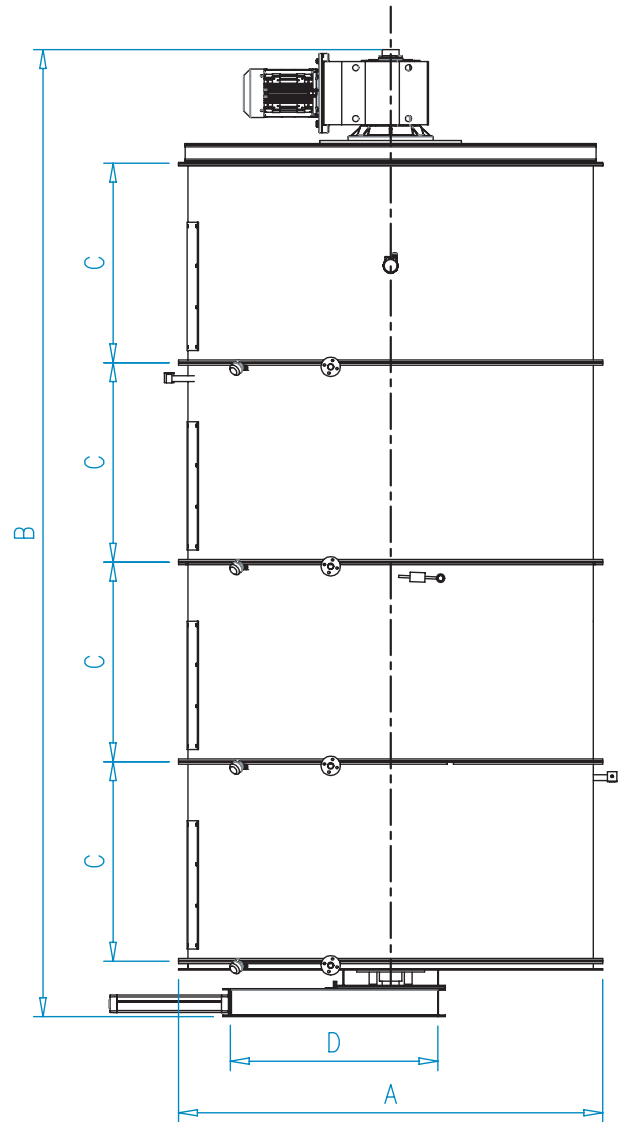
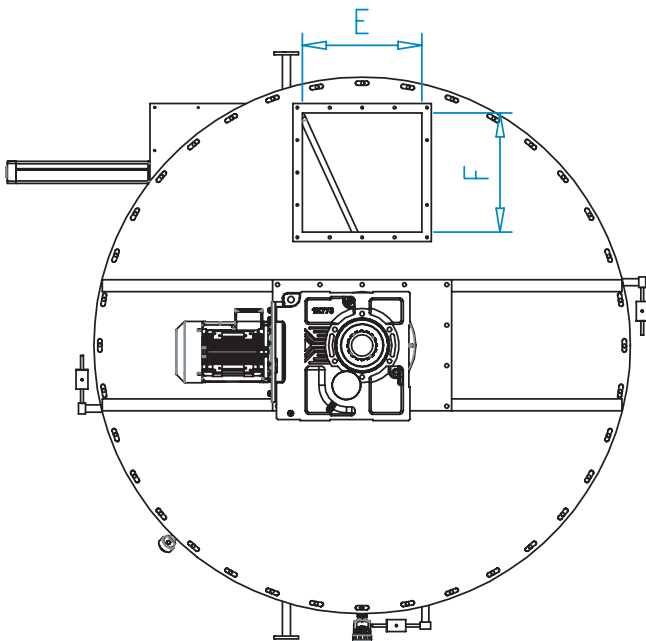
## HTR SERIES HYDROTHERMAL REACTOR

The product in the machine is subjected to heat treatment at the desired temperature, humidity and retention time with the help of the steam serpentine located between the decks. Thanks to the scrapers at the bottom of each deck, the product passes to a lower deck through the covers on the decks. Raw materials such as soybeans, legumes, cereals, rape and cottonseed require hydrothermal treatment. The feed contains harmful components that slow down digestion, which can significantly damage the quality of the feed and be harmful to health.

Hydrothermal treatment is necessary to reduce inhibitors such as urease, trypsin, phasins and to destroy harmful bacteria. It also provides modification of starch. The product quality coming out of the hydrothermal reactor is ensured by easily controllable and adjustable pressure and temperature parameters.

### AREAS OF USAGE

- Feed
- Biomass
- Organic Fertilizer Processing
- Soybean Processing



MODEL	DIMENSIONS (mm)						RETENTION TIME (min)	CAPACITY (tph)	MOTOR (kW)	WEIGHT (kg)
	A	B	C	D	E	F				
HTR10	2250	5130	1060	1100	500	500	8-10	10-12	7,5	5300