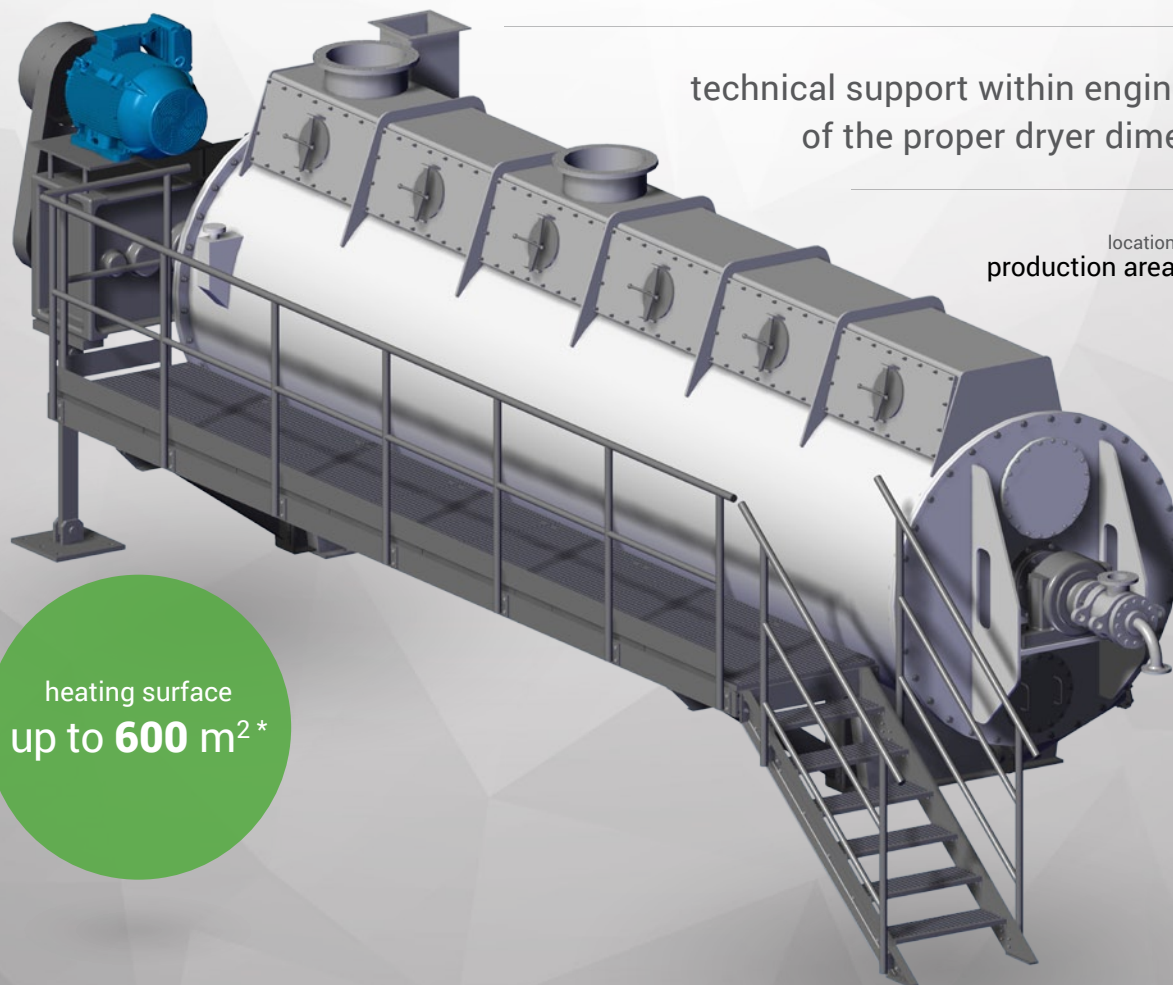


# DISC DRYER

robust design and materials resistant to corrosion and wear out

technical support within engineering of the proper dryer dimension

location  
production area



heating surface  
up to **600 m<sup>2</sup>\***

**The continuous disc dryer KDSM is intended for: heating, cooking and drying of various materials.**

The unit was initially designed, constructed and manufactured for continual drying of animal by-products.

The disc dryer can be also used for a processing of other products as communal waste and sludge, pulp, bio fuels and food industry (breweries, starch production, etc.)

**lower maintenance costs and long lifetime**

**wide range of accessories**

**made of mild steel or stainless steel**

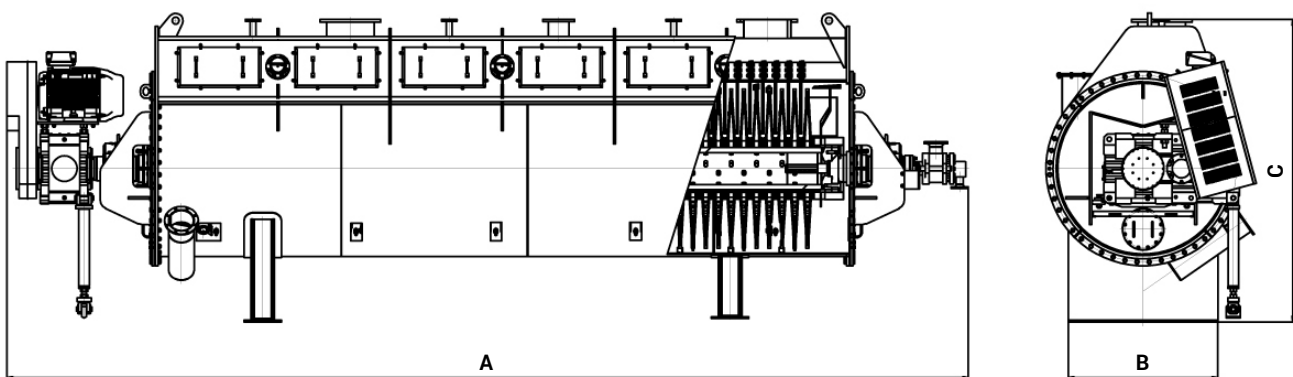


**An advantageous construction of an indirect contact heating and suitable arrangement of the agitator facilitates the drying of sticky and difficult desiccated materials.** The rotor consists of a central pipe and vertically installed concave discs on the rotor. The rotor with the discs is steam heated and this design enables high efficient evaporation. There are shovels on the discs, which transport the material from inlet to discharge of material. Exhaust gases are discharged through the vapours dome into the cexhaust gases treatment system.

**Material:** mild steel or stainless steel or their combination

**Accessories:** cyclone / discharge screw with frequency inverter / condensate pump / load cell vapour condensation system / fittings and safety valves / steam heated jacked

## TECHNICAL SPECIFICATION



basic dimension range \*

DISC DRYER		KDSM 100	KDSM 200	KDSM 300	KDSM 400
HEATING SURFACE	m <sup>2</sup>	100	200	300	400
POWER	kW	37	55	110	130
PRESSURE	bar	6 - 12	6 - 12	6 - 12	6 - 12
WEIGHT	kg	25000	39000	58000	70000
LENGTH /A	mm	7050	10500	11900	13400
WIDTH /B	mm	1900	2150	2500	2700
HEIGHT /C	mm	2260	2800	3200	3400

\* Performance and dimensions may vary according to application, raw material and consumer's wish.