

PADDLE DRYER



GENTLE DRYING PROCESS

Paddle dryers are used for the gentle drying of pasty to moist-crumbly products. Wet, pulpy goods can also be processed. The product is fed in and discharged mechanically. Constant repositioning of the goods on the heating surfaces ensures a high drying speed.

The key component is the cylindrical housing with built-in paddle-agitator - both of which can be heated. Thermal oil, steam and hot water can be used as heating media. Alternatively, especially at higher temperatures, heating can be done electrically or inductively.

The paddle-agitator constantly loosens up the dry goods, mixes them radially and axially and ensures uniform thermal treatment.

ZETTL GmbH has many years of experience in the construction of special systems and can manufacture paddle dryers in any size and according to the customer's needs.



APPLICATION

Organic & Food:	Chemistry & Pharmacy:	Environmental technology:	Minerals, ores, building materials:
Proteins Spices Plant extracts Meat extracts Animal feed	Pesticides Silica gel Cyanides Amines Pigments Ball resins etc.	Catalysts Grinding sludge Mercury recycling Emulsion Heavy metal sludge	Gypsum Salts Rare earths Slate powder Silicon carbide

TECHNICAL DATA

Model:	Paddle dryer
Working temperatures:	- 20°C to 400°C
Working pressures:	- 1 to 25 bar
Usable volume:	100 to 30.000 l
Materials:	C-steels, stainless steels, alloy materials, C22, Alloy 59, titanium
Surface:	glass bead blasted, ground or electropolished
Design option:	ATEX FDA GMP CIP UL (USA)

