

## DOUBLE ROLLER DRYER



## GENTLE DRYING PROCESS

Roller dryers are used for the continuous drying of solutions, suspensions and pastes of various consistencies and viscosities.

The wet material to be dried is applied to rotating, heated hollow rollers in a thin, even layer thickness using special devices. The moisture evaporates during a partial rotation of the rollers. The dried product is removed by scraper blades and fed to the next processing stage via conveyor systems.

The ZETTL ROLLER DRYERS can be operated under normal pressure as well as under vacuum. Thanks to ZETTL GmbH's many years of experience, roller dryers can be produced in almost any size and entirely according to the customer's needs.



Vacuum-Double Roller Dryer  
RD7.0

### APPLICATION

#### Food industry:

Dairy products | baby food  
Flavors  
Vitamins  
Ice cream  
Proteins

#### Pharmaceutical industry:

Fine chemicals  
API | Active pharmaceutical ingredients  
Solvent recovery  
Starch

#### Chemical industry:

Phosphates  
Pigments  
Pesticides  
Reagents  
Calcium acetate

#### Minerals, ores, building materials:

Glass slurry  
Ceramic slurry  
Cellulose  
Clay slurry  
Gypsum

### TECHNICAL DATA

Heating surface:	0,15 m <sup>2</sup> to 38 m <sup>2</sup>
Operating pressure:	5 mbar to 1.013 mbar
Operating temperatur:	-30°C to 200°C
Evaporation capacity:	up to 1.000 kg/h
Throughput capacity:	up to 2.000 kg/h
Speed range:	2 to 7,5 U/min
Product contact time:	8 to 30 sec
Roller material:	Carbon steel, hard chrome, hard metal, stainless steel
Design option:	ATEX   FDA   GMP   CIP

