

Hollow Blade Paddle Dryer

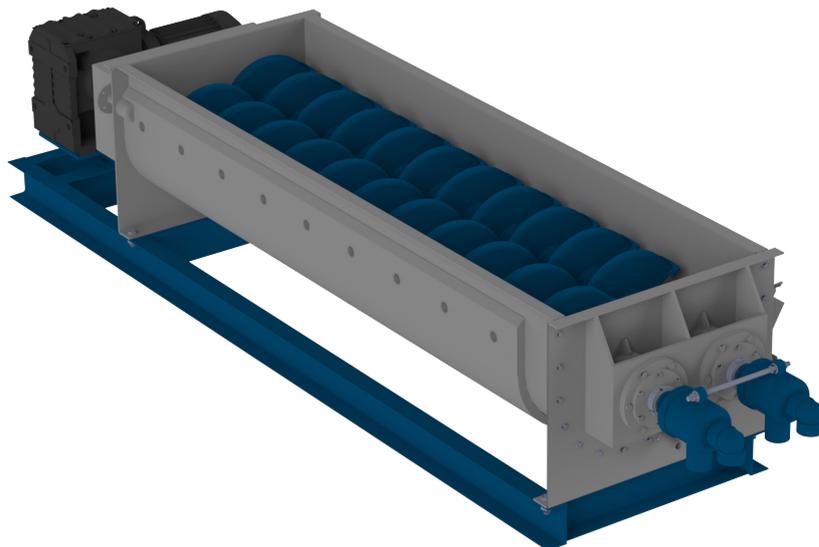
The paddle dryer is suitable for heating, drying, cooling, and sterilizing materials for various industrial applications. This machine uses conductive heat with a horizontal mixing mechanism, so continuous operation is possible to maximize production efficiency.

Low operational cost

Large heat transferring surface

Reliable and durable

Steady operation



TG-MACHINES

PROCESS ENGINEERING

TECHNICAL DATA:

Model	Area [m ²]	Capacity [t/d]	Power [kW]	Temp [°C]	Dimensions [mm]			Weight [t]
					L	W	H	
PD-5	20	5	7	0 - 200	4800	900	900	2.5
PD-10	40	10	11	0 - 200	6000	1300	1300	5
PD-15	60	15	23	0 - 200	6800	1500	1500	9
PD-20	80	20	30	0 - 200	6900	1600	1600	11
PD-25	100	25	44	0 - 200	7500	1700	1700	13
PD-40	160	40	70	0 - 200	8900	2200	2400	18
PD-50	200	50	90	0 - 200	9200	2300	2500	22
PD-60	250	60	150	0 - 200	11000	2800	2800	32

Application:

- ⇒ Food, industry
- ⇒ Chemical and petrochemical industry
- ⇒ Pharmaceutical and waste management industry
- ⇒ Sludge

The mixer in the paddle dryer starts working after the material is introduced into the drying chamber. That's when the load starts to heat up and mix. The mixing mechanism itself has been specially designed to evenly heat the entire content and break any lumps as well as large pieces that may form during drying. The drying time itself depends on the moisture content of the load, as well as the specific properties of the material used, so this process can take from a few minutes to several hours. To complete the desired drying process, it is possible to adjust the feed speed, mixing shaft speed and temperature.

