

Dryer Malfunction and Troubleshooting

Trouble/s	Cause/s	Solution/s
Loosen or fallen chain accessories	Fastening bolts are loosen or fallen off.	Fasten the loosen bolts tightly.
The chain running direction is not correct.	The main motor running direction is not correct.	The main motor should be rewired.
High moisture content of the materials after processing.	The moisture content of the fed materials is too high.	Decrease the moisture content of the fed materials.
	Exceeding the throughput range	Decrease the coming materials or increase drying sections.
	The temperature of the hot air is low.	Increase the steam power in a proper way.
	The air volume is not enough.	Increase opening of the air inlet in a proper way.
	There may be excessive ingredients in materials that are a barrier to drying.	Change the components.
	Drying time is not enough.	Decrease the speed of the conveying belt, and increase drying time.
Materials are dried in an uneven way which exceeds the standard rate.	There is an uneven volume of air on the conveyor belt surface.	Enhance the condition of air intake at both sides and make the amount of air intake equal at two sides.
	The hot air temperature difference between the two sides is too much.	Enhance the condition of air intake at both sides and make the amount of air intake equal at two sides.
	The materials enter the dryer in an uneven way.	Distribute the materials evenly on the conveyor belt and enhance the feeding conditions.
	The discharged materials are agglomerated severely.	Reduce the materials moisture content in a proper way or decrease the temperature at the end of feeding section.
	The conveyor belt is damaged.	Repair the damaged conveyor belt immediately, or replace it with a new one.
	The moisture content of the feeding materials is not stable.	Make stable the moisture content of the feeding materials.