

# NOXLINE

## DYN

**Dryer for flakes**



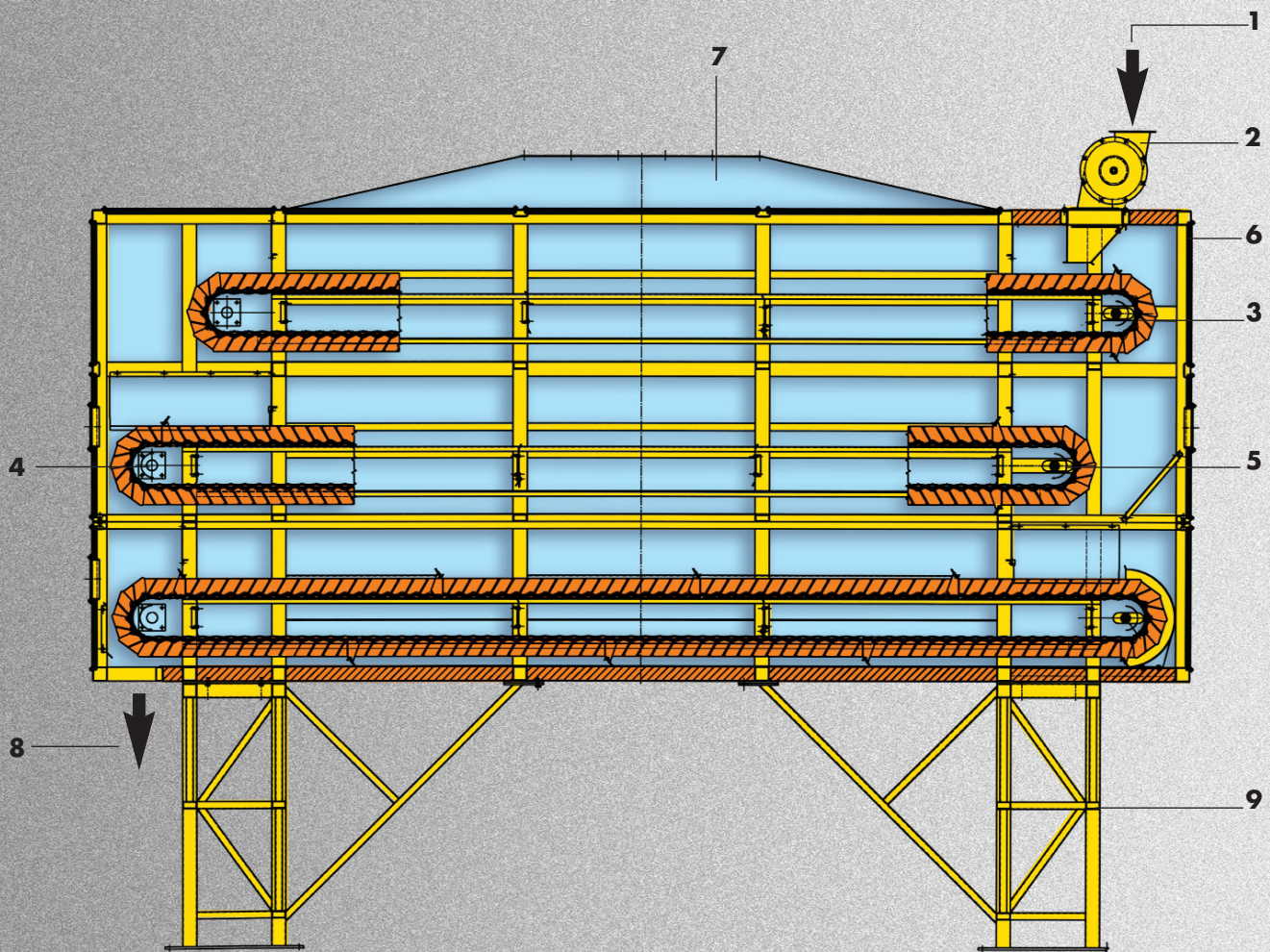
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Dryer for flakes

- 1 Product inlet
- 2 Rotary airlock in stainless steel
- 3 Conveying belts in stamped and perforated stainless steel plate
- 4 Drive shaft for belt
- 5 Return shaft for belt
- 6 Insulated panel in aluminium
- 7 Exhaust hood in stainless steel
- 8 Product discharge
- 9 Supporting structure

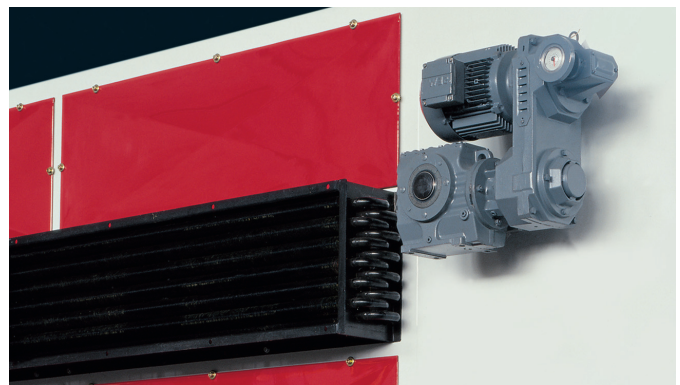


**Fig. 1**  
Air inlet side with heat exchangers.

**Fig. 2**  
Inside view of the belt drive side.

**Fig. 3**  
Variable speed motor for belt drive.

**Fig. 4**  
Belt conveyor, in stainless steel, for moving the product.



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## Dryer for flakes

**Used to dry fragile and light products such as cereal flaks, extruders and snacks, with low energy consumption.**

Dryer for flakes consisting of 3 superimposed rectangular compartments, made of tubular steel, lined with insulating sandwich panels which grants the perfect tightness and thermal insulation.

Each compartment is composed of:

- perforated conveying belt in stainless steel, provided with a continuous cleaning system, driven by a variable speed motor which controls the advancing speed;
- heater exchanger with relevant inside canalization for the distribution of the hot air flow on the working deck. It is regulated by slide gates thus granting a constant and perfect drying action according to the required technological parameters.

A stainless steel rotary airlock, driven by a gearmotor, regulates the output and the product feeding.

The upper hood in stainless steel provides the air discharge.

All inside parts, in contact with the product are in stainless steel.

### **Fig. 5**

Rotary airlock for product feeding.



5

