



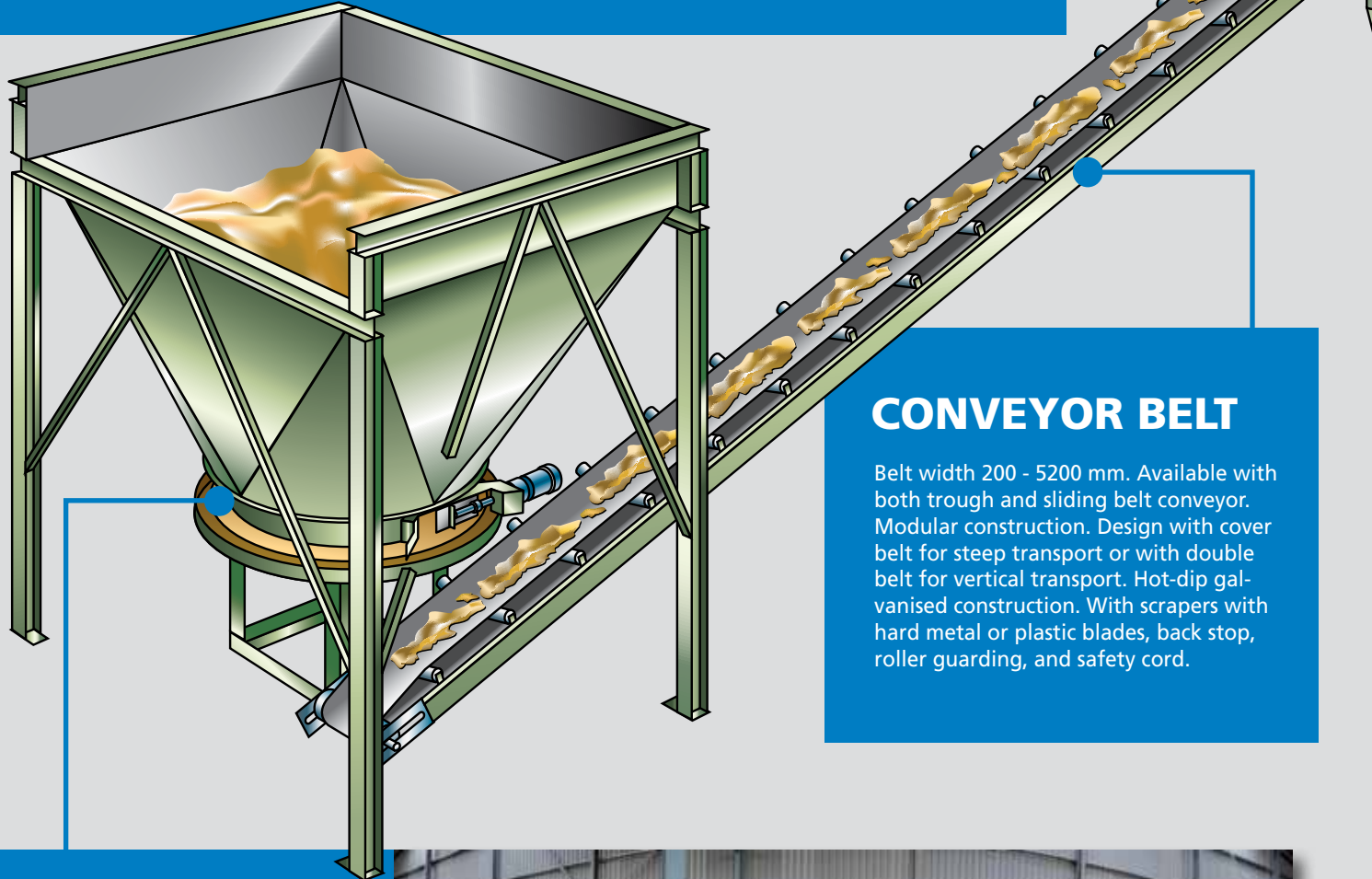
# ROTARY DRUM DRYER



- ENERGY EFFICIENT OPERATION
- SELF ADJUSTING TO DEMAND
- MAINTENANCE FRIENDLY
- LOW NOISE DRIVE GEAR
- EXHAUST DIRECT CONNECTABLE TO WETFILTER

# SAND DRYING INSTALLATION

Wet sand is dumped into the wet sand hopper by means of a shovel loader, for example. The turntable doses the wet sand onto a conveyor belt which feeds the sand dryer. The wet sand enters the sand dryer via a vibrating trough. The sand is dried on a counter flow principle. A sieve removes any contamination (pieces of stone and remainders of clay). A screw conveyor conveys the clean, dry sand to the dry sand hopper. A level probe in the dry sand hopper controls the stop/start of the dryer. The sand dryer is equipped with a modulating burner. The operator can finetune the temperature of the sand and the volume of sand to be dried. This results in a reliable installation that combines ease of operation with low energy consumption.

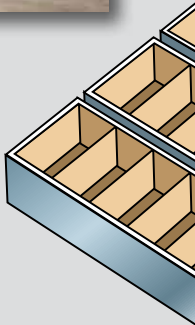


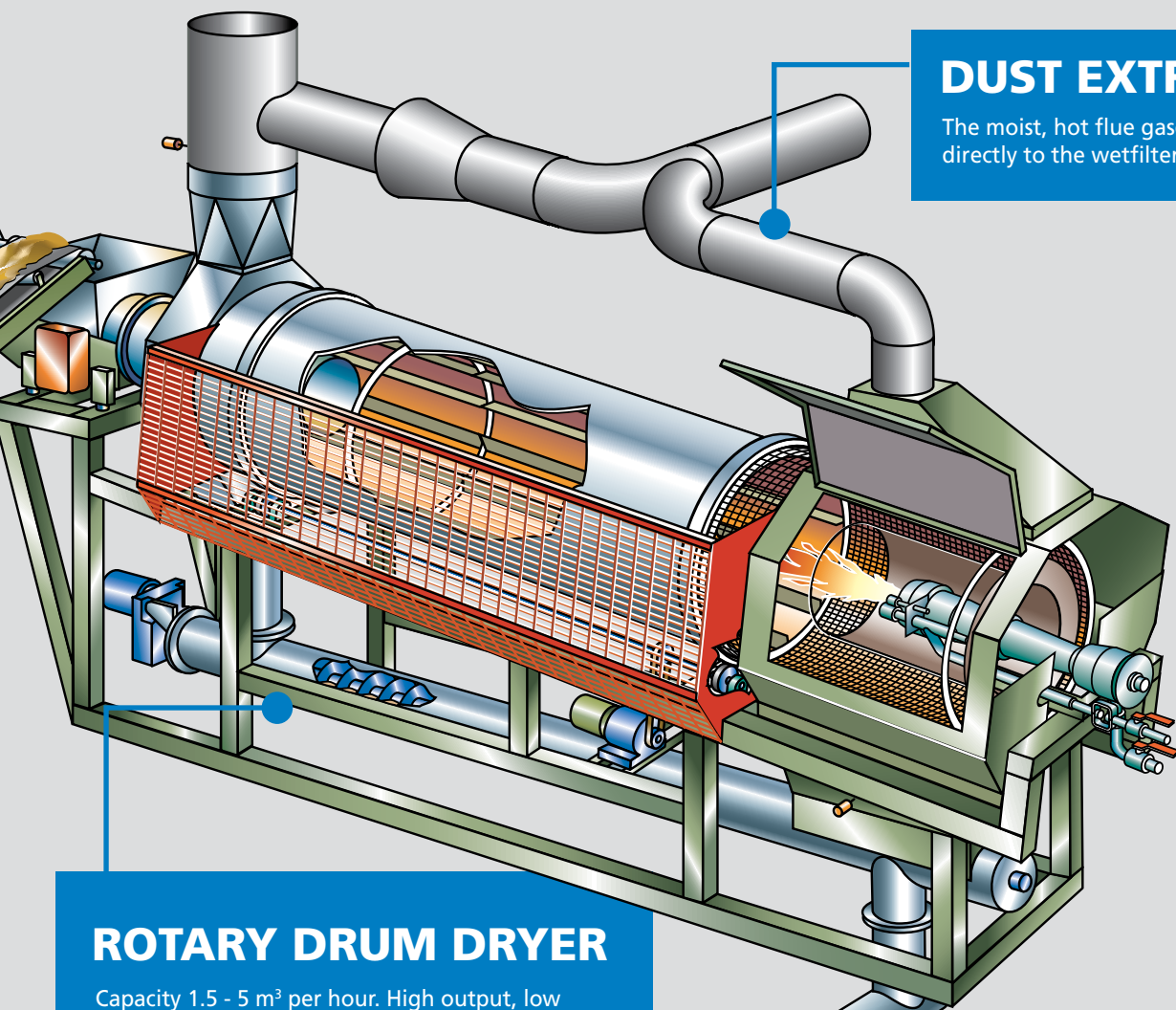
## CONVEYOR BELT

Belt width 200 - 5200 mm. Available with both trough and sliding belt conveyor. Modular construction. Design with cover belt for steep transport or with double belt for vertical transport. Hot-dip galvanised construction. With scrapers with hard metal or plastic blades, back stop, roller guarding, and safety cord.

## WET SAND HOPPER WITH TURNTABLE

The specially designed funnel shape of the wet sand hopper prevents bridging. The volume can be controlled by means of a frequency-controlled drive or a motor-operated gate. Several discharge gates are possible per turntable. Low-maintenance, safe and low-noise. Capacity 9 m<sup>3</sup>. Made in stainless steel plate and therefore suitable for moist products.





## DUST EXTRACTION

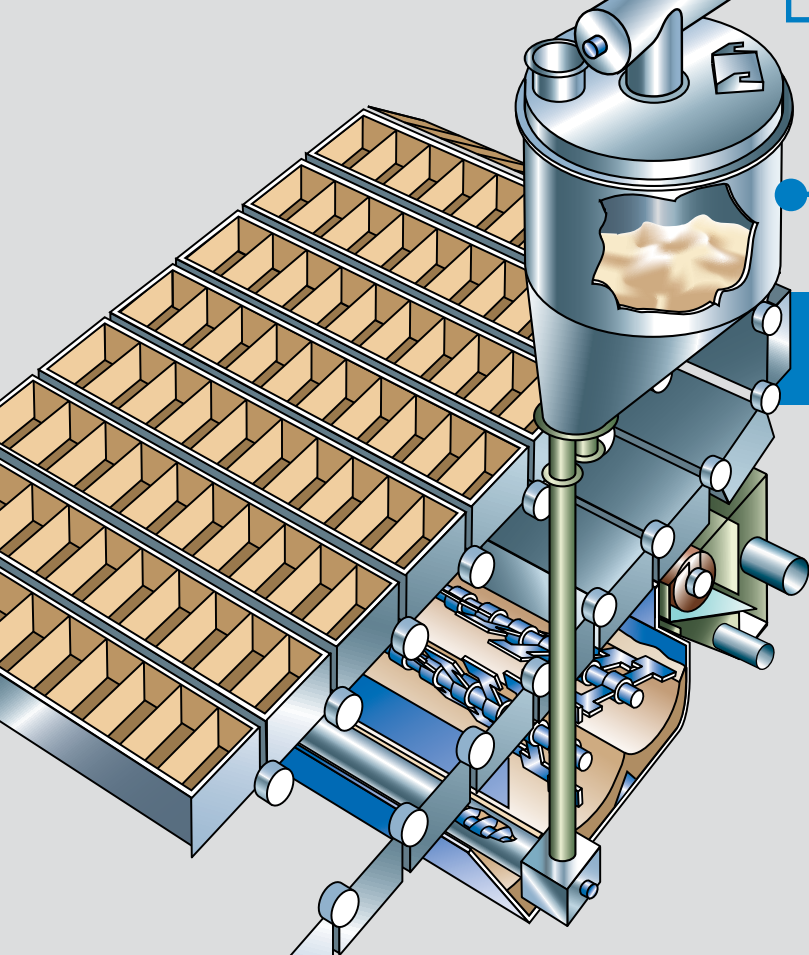
The moist, hot flue gases can be led directly to the wetfilter.

## ROTARY DRUM DRYER

Capacity 1.5 - 5 m<sup>3</sup> per hour. High output, low maintenance costs. Insulated drum. Advanced burner control. Modulation control based on sand temperature.

## SCREW CONVEYOR

Available for any capacity. Large distance transport possible. Protected against overload. Special bearing system for journals. Suitable for sand and additives.



## DRY SAND HOPPER



# DIMENSIONS SAND DRYER

CAPACITY	A	B	C	D	E	F	BURNER CAPACITY
1.5 m <sup>3</sup> /hour	1.000	4.850	1.925	6.060	1.000	400x400	250 kW
2.5 m <sup>3</sup> /hour	1.300	4.930	2.500	6.060	1.330	600x400	400 kW
5.0 m <sup>3</sup> /hour	2.000	6.800	3.400	7.750	2.000	600x400	800 kW

Dimensions in mm. Dimensions subject to change.

