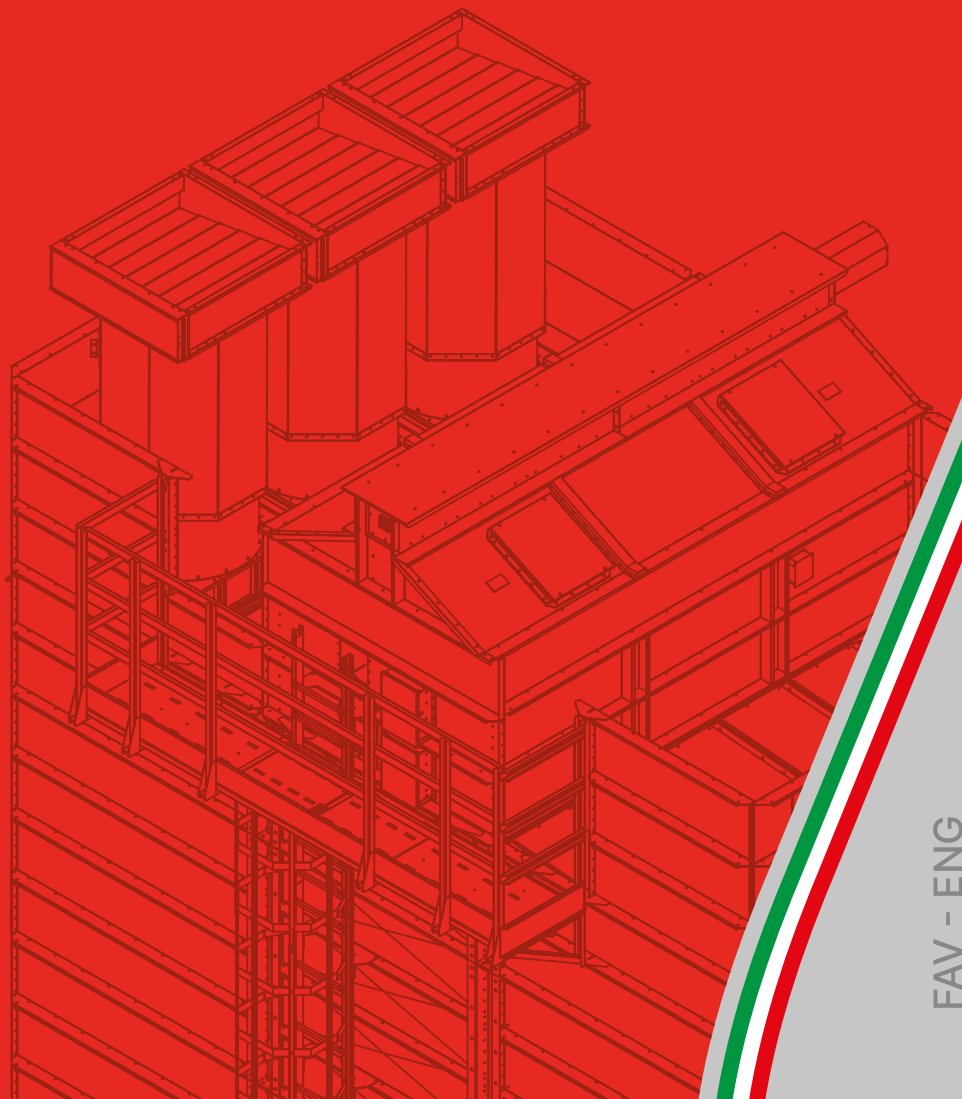


STRAHL

GRAIN DRYERS

FAV SERIES

Grain Dryer



Italian Excellence

in grain drying

STRAHL
GRAIN DRYERS

With over 60 years of experience, STRAHL is internationally recognised as the benchmark in the world of dryers.

A history of research, reliability and innovation that has accompanied generations of companies by offering cutting-edge technological solutions for every drying requirement.

Every STRAHL system brings with it the heritage of decades of engineering expertise and experience, geared towards ensuring maximum efficiency, safety and durability.

Today, STRAHL is part of Perdieci Group, with which it shares management excellence, investment in innovation and the strategic vision of a cutting-edge manufacturing group.

X10
PERDIECI



RESISTANCE AND DURABILITY

The sturdiness and reliability of STRAHL dryers are proven by years of successful installations in every corner of the world.

We have designed our technology to perform even under the most extreme conditions, because a STRAHL dryer is an investment that lasts, wherever you are.

The reliable and safe dryer

The FAV series is a reliable and easy-to-manage continuous drying solution. Its straightforward system ensures quick, safe operations and consistent grain processing.

With a robust design and an intuitive management program, these dryers are ready for immediate use, making them perfect for those seeking simplicity and consistent results on large volumes.

STRAHL dryers are pre-planned for integration into existing grain processing and storage plants.



FAV **SERIES**



STRUCTURAL STRENGTH

The load-bearing frame is made of hot-dip galvanised structural steel, qualified and tested for the various conditions of use.

The base is made of structural steel and designed to be anchored on a reinforced concrete slab to provide stability and safety even in the event of seismic events. The supply also includes jigs and anchor bolts.

LONG-LASTING

The panels are made of steel coated with Aluzinc or Zinc-Magnesium to increase resistance to weathering and conditions of use.

THERMAL INSULATION

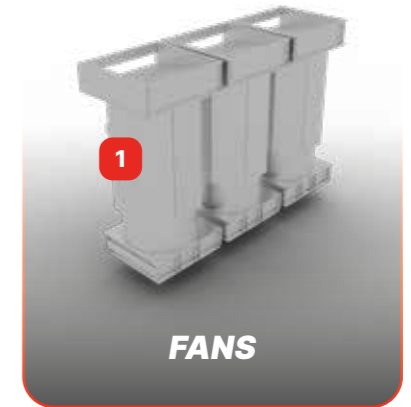
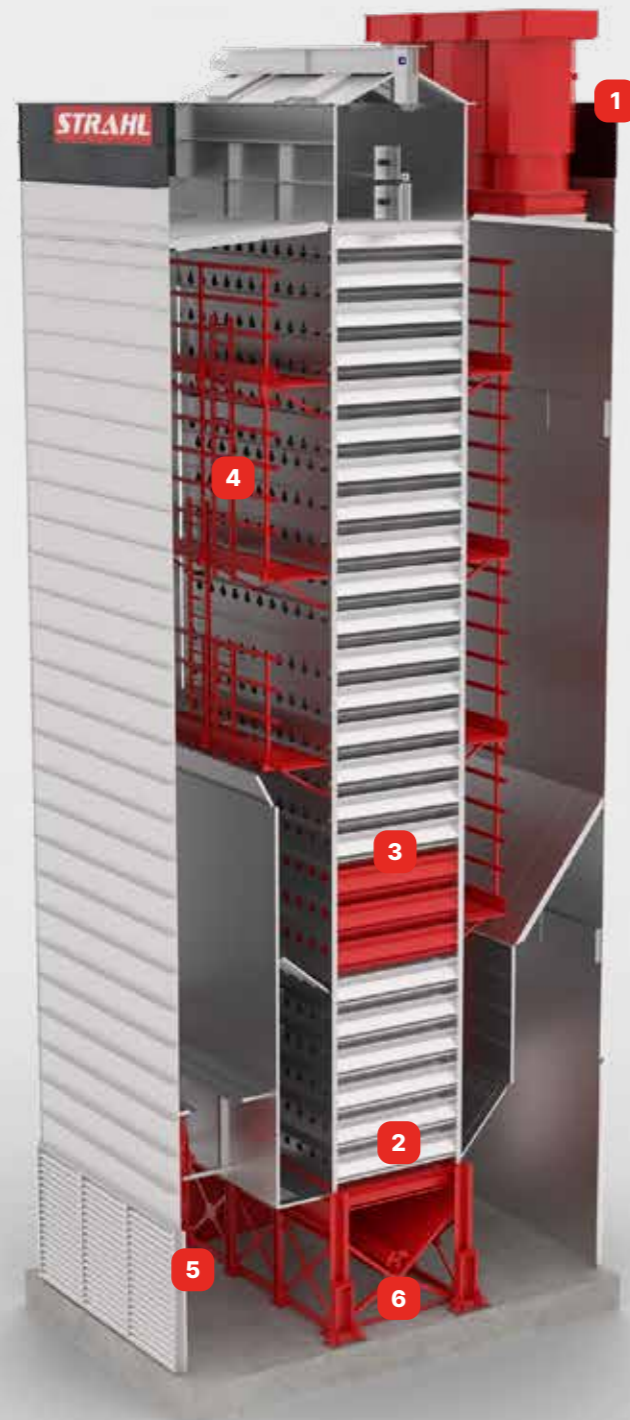
The insulation is made of thick glass wool. It provides excellent thermal insulation and consequent energy savings.

DUST EMISSION CONTROL

Our systems are equipped with pneumatic dampers that block air flows during unloading, preventing the release of dust into the atmosphere.

The technological core for even drying

Behind every STRAHL dryer is an advanced engineering system. The FAV series is a quintessence of technical innovations designed to optimise every stage of the drying process, guaranteeing efficiency, precision and respect for the environment.



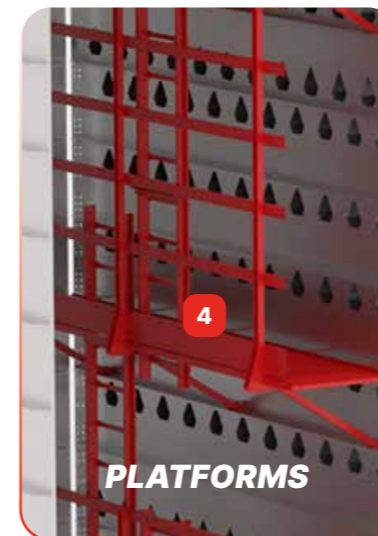
Posizionati nella parte superiore dell'impianto, danno origine al flusso d'aria dell'essiccatoio. Sono dotati di silenziatore e serranda per minimizzare le emissioni acustiche e di polvere nell'ambiente.



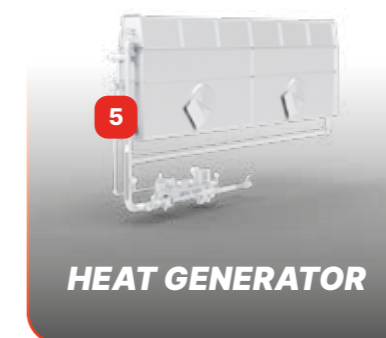
Made of flippers that allow for an even and controlled grain flow.



The profile of the ducts is designed to facilitate the flow of the grain and heat exchange between the hot air and the grain to be dried.



Present throughout the system outside and inside the body, they provide safe and easy access for routine inspection and maintenance, ensuring maximum safety for operators.



The air duct burner, available for natural gas and LPG, ensures accurate modulation and air temperature uniformity. Also available in a diesel version.



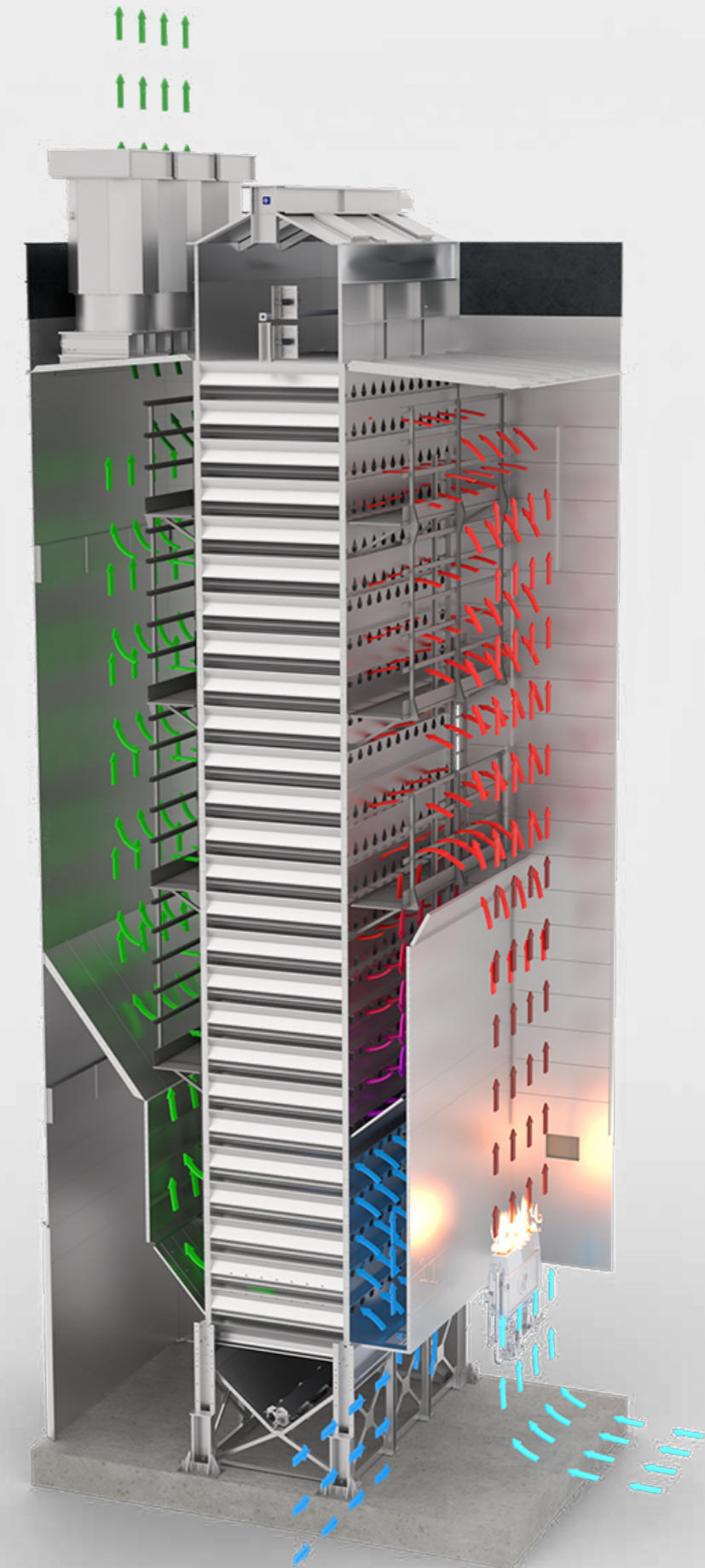
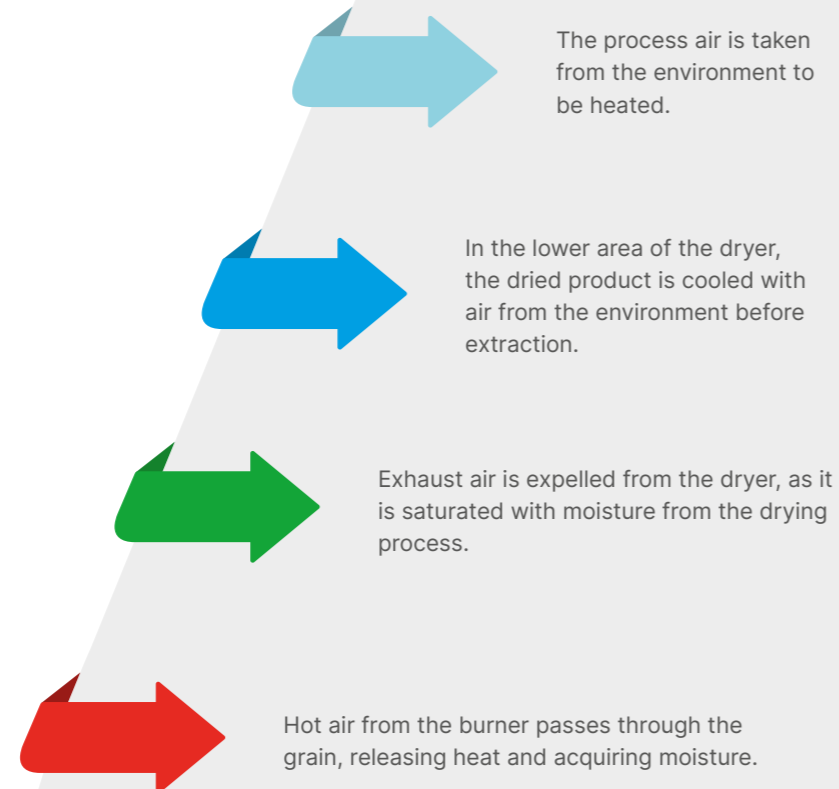
Equipped with a hopper, it supports the extraction device and it is designed to ensure precise and reliable extraction over time.

Consistent and uniform drying

MAXIMUM EFFICIENCY IN AIR RECIRCULATION

The efficiency of FAV dryers is the result of an optimized drying process.

The grain drying process depends on a controlled, uniform airflow that evenly penetrates every layer of the grain mass. With a meticulously designed and tested internal structure, heat distribution is optimized for efficiency and balance, ensuring consistent results even with varying moisture levels.



Our control software

Years of research and in-depth knowledge of grain characteristics have enabled us to develop exclusive work programmes.

Our control software offers tailor-made processes for each product and maximum precision in the desired final moisture content.

At each drying cycle, data is captured and stored in a secure web portal, enabling in-depth historical analysis, performance comparisons and the generation of detailed reports to support evidence-based strategic decisions and optimise consumption.

MANAGEMENT AT YOUR FINGERTIPS

The system is designed to be easily controlled remotely, via any device. This function also allows our technical support team to intervene promptly when needed, ensuring immediate support and minimising downtime.

USER EXPERIENCE

The large monitor and intuitive user interface make setting up the drying process quick and easy. The controls are easily accessible and information is presented in a logical and visually immediate manner, allowing any operator to manage the system safely and easily from the very first use.

Complementary technologies

CUSTOMISATION OPTIONS

STRAHL grain dryers offer the integration of a range of complementary systems and technologies designed to further enhance the performance, control and precision of the drying process.

VAP SYSTEM

STRAHL-designed technology that guarantees ultra-low dust emissions.

HUMIDITY CONTROL SYSTEM

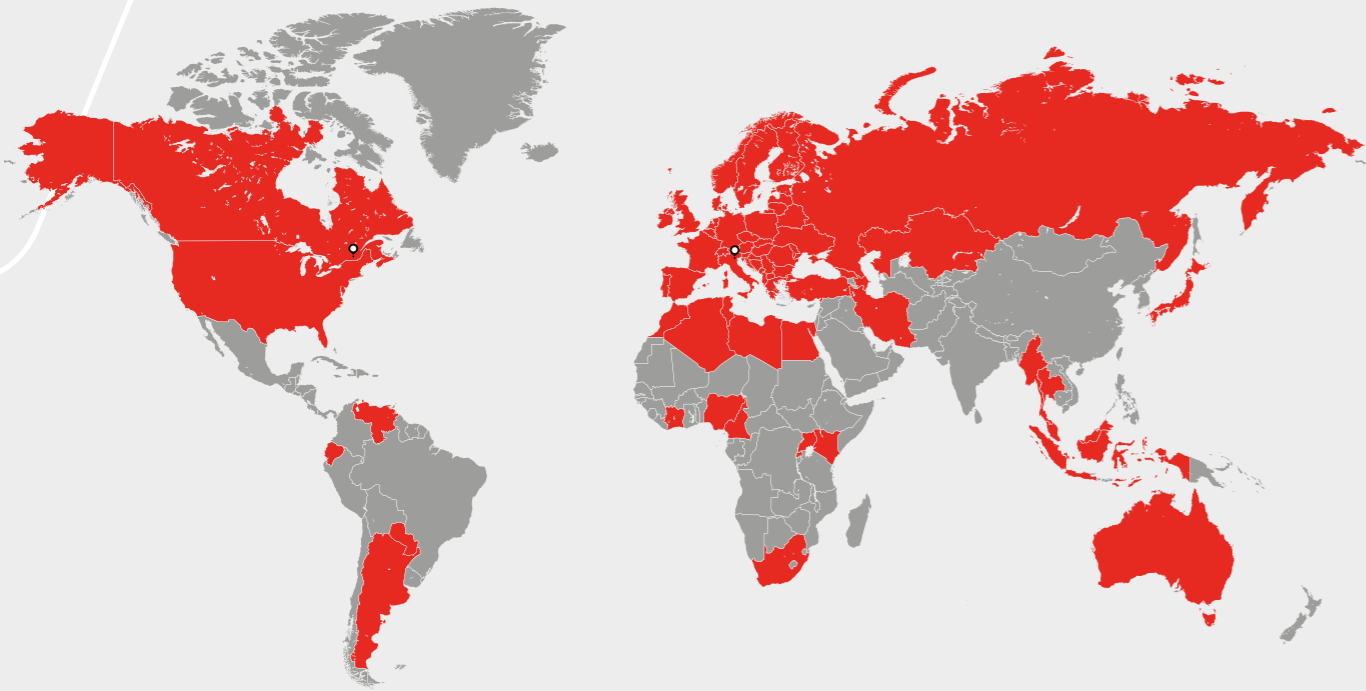
System for monitoring product moisture for additional control of the drying process.

EXTRACTION SPEED REGULATOR

Option to include an inverter to adjust the extraction speed.

ADDITIONAL TEMPERATURE MONITORING SYSTEM

This enables the monitoring of temperatures across the various dryer sections with enhanced precision.



Dimensional Drawings

FAV SERIES

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AMERICA

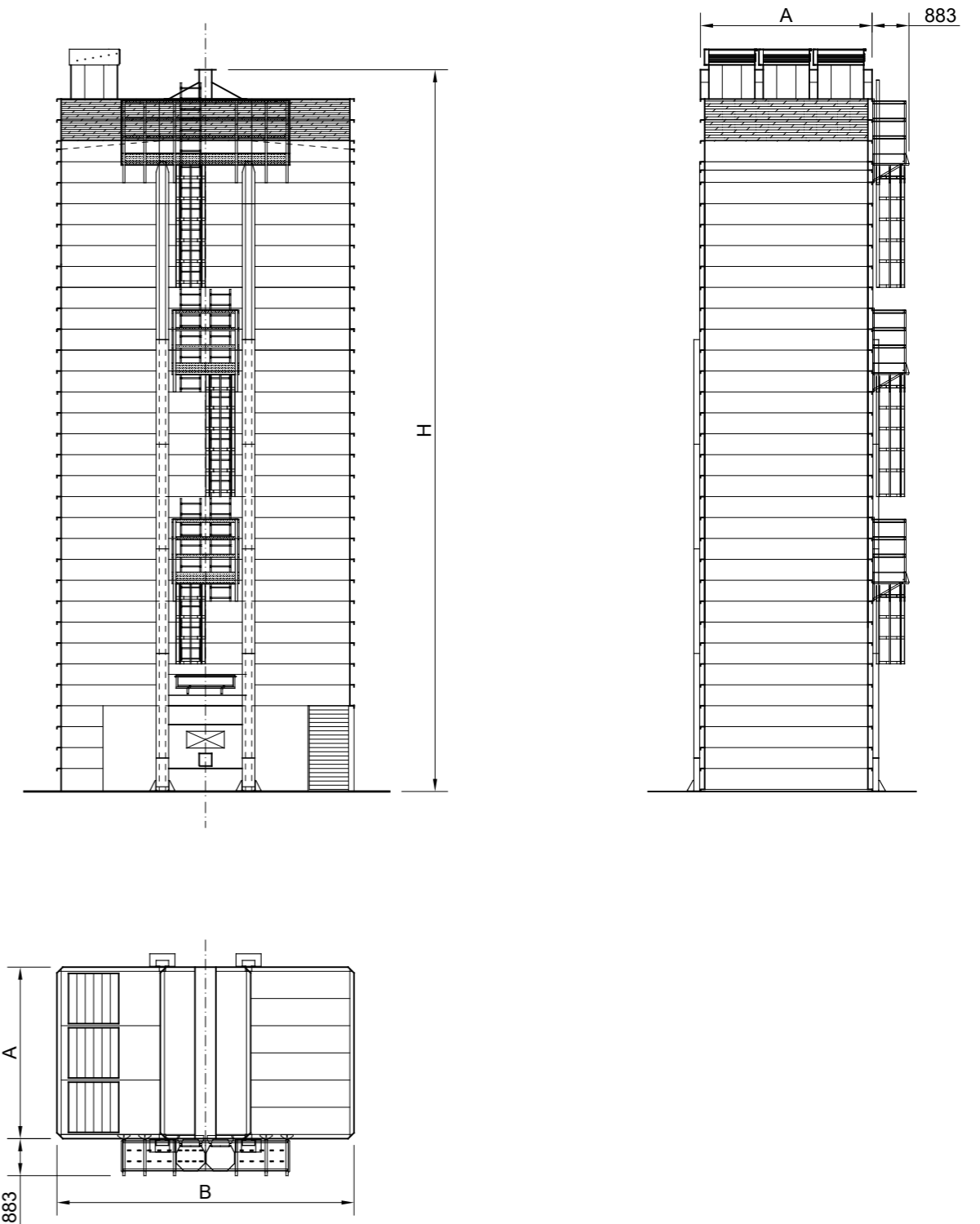
STRAHL
GRAIN DRYERS

Customer service

REMOTE ASSISTANCE

Our support service partners with our customers to guarantee peak operational efficiency, covering both planned maintenance and urgent needs during the drying season.

Our network of specialized technicians ensures the seamless continuity of drying processes to safeguard the value of your harvest, delivering consistently high-performing systems and minimal downtime.



FAV SERIES

Technical Data Sheet


The FAV series offers an extensive range of models designed to meet specific operational requirements. Our modular design philosophy ensures that every customer can find their perfectly sized solution.


From compact models up to the largest capacities, the FAV series guarantees consistent and efficient performance.


MODEL	4 MODULES				6 MODULES						
	2000 FAV	2500 FAV	3000 FAV	3500 FAV	3000 FAV	3500 FAV	4000 FAV	4500 FAV	5000 FAV	6000 FAV	
Overall dimensions	A m	2,80	2,80	2,80	2,80	4,10	4,10	4,10	4,10	4,10	4,10
	B m	7,10	7,10	7,10	7,10	7,10	7,10	7,10	7,10	7,10	7,10
	H m	11,75	13,75	16,25	18,25	11,75	13,25	14,25	15,75	17,25	19,75
Capacity	m ³	36,1	43,5	53,4	60,8	54,1	62,4	68,0	76,3	85,7	99,5
	Ton	27,1	32,6	40,1	45,6	40,6	46,8	51,0	57,2	64,2	74,6
Exhaust air fans	N°	1	2	2	2	2	2	2	3	3	3
	kW	22	15	18,5	22	18,5	22	22	18,5	18,5	22
Rated heat output	kW	1.580	1.980	2.370	2.770	2.370	2.770	3.160	3.560	3.950	4.740
Max. burner output	kW	1.630	2.440	2.440	3.260	2.440	3.260	3.260	4.070	4.070	4.880
Daily wet production Tonne/24h											
Mais 35% - 15%		140	175	210	245	210	245	280	315	350	420
Mais 25% - 15%		264	330	396	462	396	462	528	594	660	792
Mais 20% - 15%		480	600	720	840	720	840	960	1.080	1.200	1.440

MODEL	8 MODULES				
	5000 FAV	6000 FAV	7000 FAV	8000 FAV	
Overall dimensions	A m	5,40	5,40	5,40	5,40
	B m	7,10	7,10	7,10	7,10
	H m	14,25	16,25	18,25	19,75
Capacity	m ³	92,0	106,8	121,6	132,7
	Ton	69,0	80,1	91,2	99,5
Exhaust air fans	N°	3	3	4	4
	kW	18,5	22	22	22
Rated heat output	kW	3.950	4.740	5.530	6.330
Max. burner output	kW	4.070	4.880	5.700	6.510
Daily wet production Tonne/24h					
Mais 35% - 15%		350	420	490	560
Mais 25% - 15%		660	792	924	1.056
Mais 20% - 15%		1.200	1.440	1.680	1.920

STRAHL **GRAIN DRYERS**

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