



# AGI FRAME PRESENTATION

## ***COMPANY HISTORY***



2009 – FRACASSO

2013 – FRAME

2016 – AGI FRAME



## COMPANY OVERVIEW

**AGI FRAME** headquarter is located in Bologna, though production facility is located close to Venice.

**AGI FRAME** employees are more than 100 people.

Sales & Agent:	18
Workshop:	53
Purchasing & Logistic:	11
Technical Department:	10
Customer Service:	1
Project Managment:	2
Admin, Finance & HR:	4
IT:	2
Quality:	2
Value Stream :	1







The main activities in Fiesse d'Artico (Venice) are:

- ❖ Massive production activities close to Venice, where the main tasks consists in production planning, manufacturing & shipping.

The main activities in Bologna (Ozzano Emilia) are:

- ❖ Engineering
- ❖ Purchasing
- ❖ Administration & finance
- ❖ Sales
- ❖ Manufacturing & logistic







Annual steel consumption  
exceeds

**30,000 tonnes**



# NEW MACHINE INVESTMENT

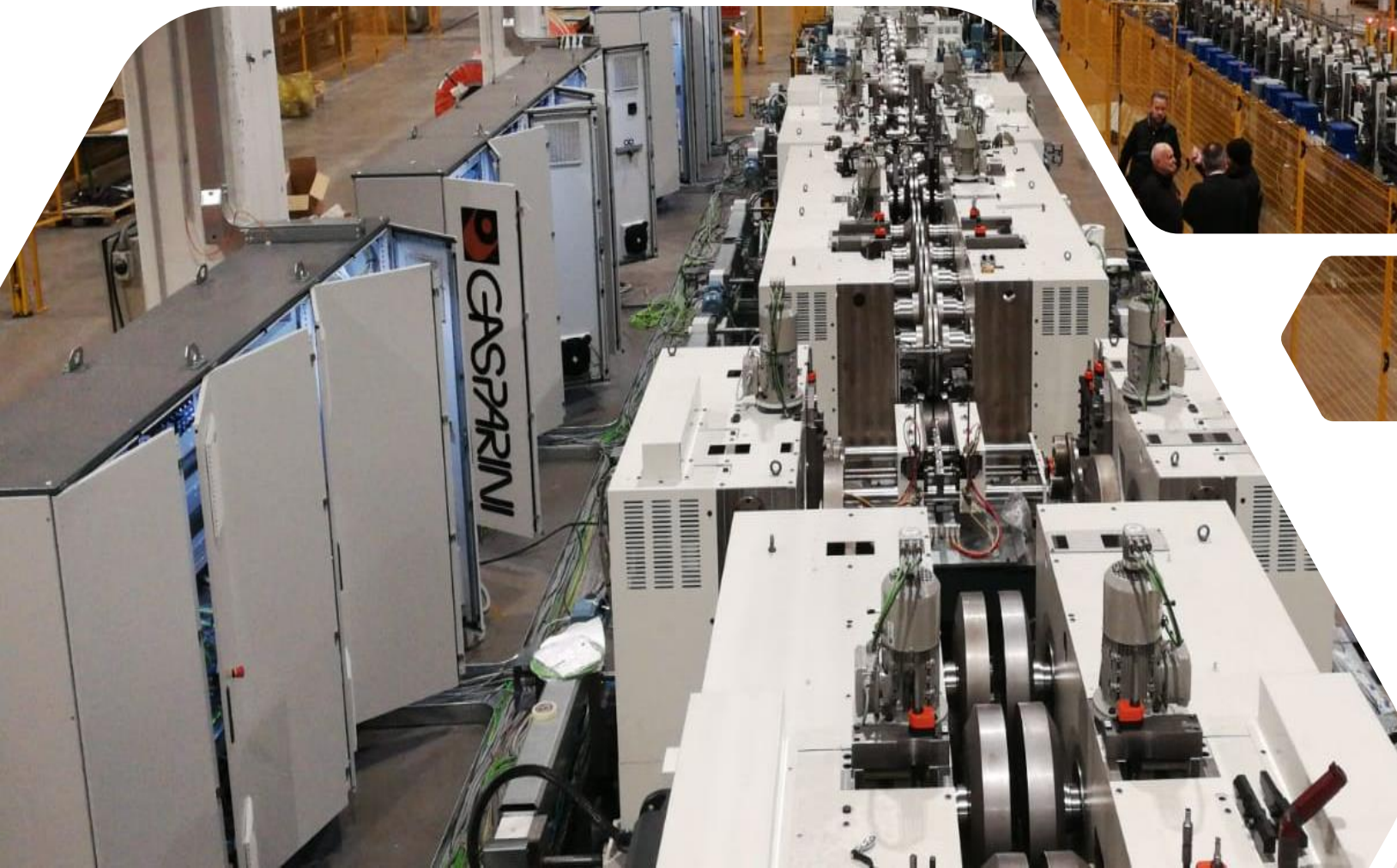
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Manufacturing facilities include de-coiling, high speed corrugating, & single operation punching of sidewall sheets, roof sheets & silo accessories.

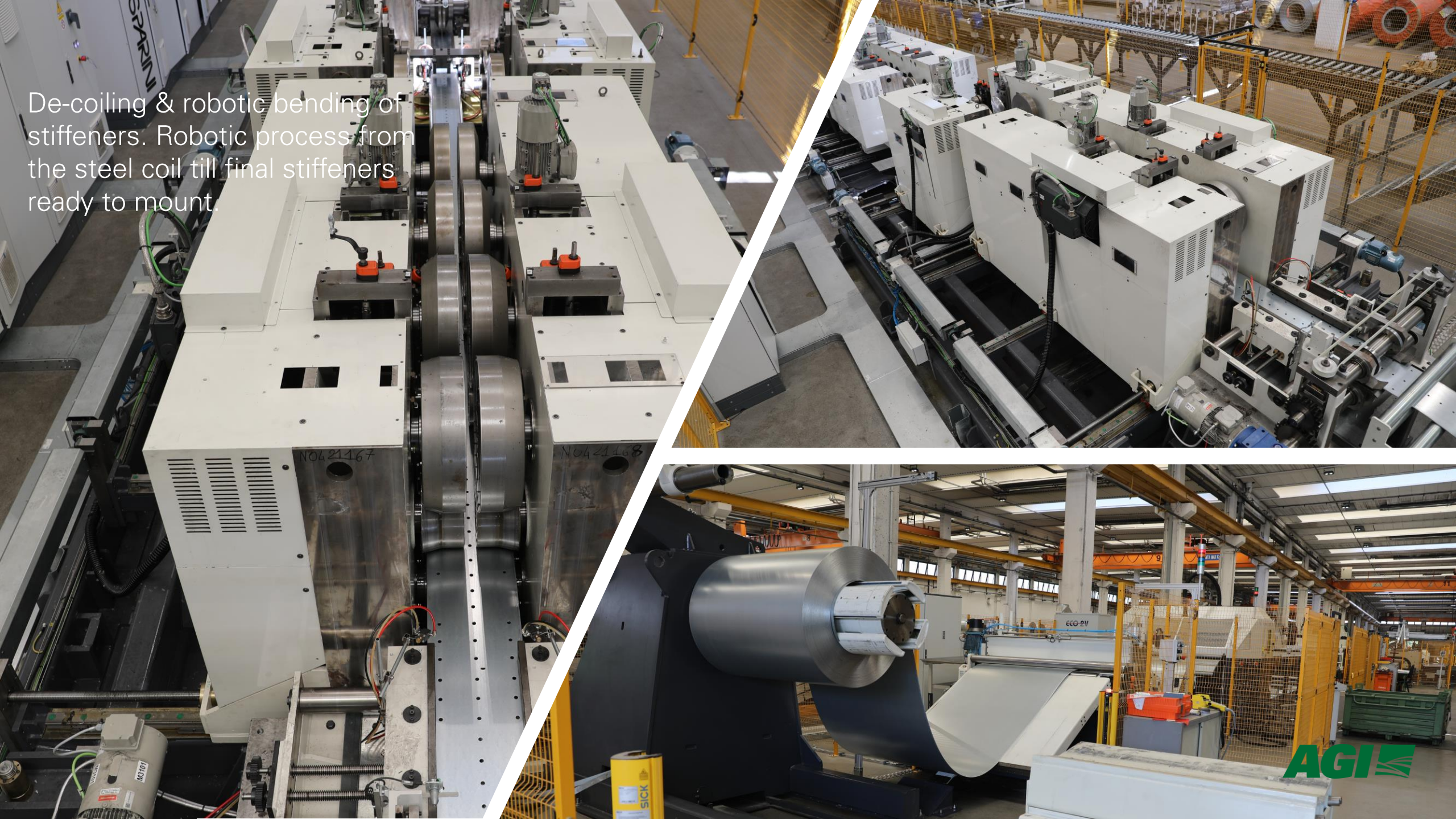


Automated 'robotic' manufacturing systems ensure high capacity & accurate production.





De-coiling & robotic bending of stiffeners. Robotic process from the steel coil till final stiffeners ready to mount.







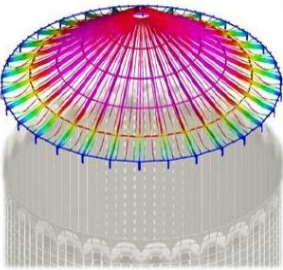
Continuous tests allow **AGI FRAME** to improve the quality of its products every day.

**AGI FRAME** have an internal quality laboratory for the analysis of both raw material & subcontracted components, in addition, quality control & traceability procedures are implemented throughout all the manufacturing processes.

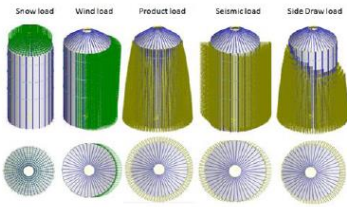


**TECHNICAL DEPARTMENT**

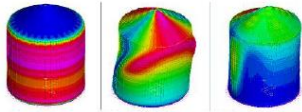
**ADVANCED  
FINITE  
ELEMENT  
DESIGN**



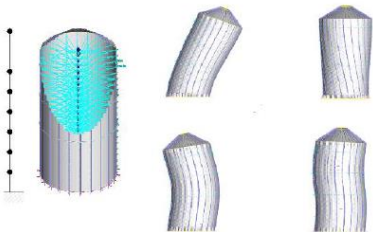
Simulation of different  
load distributions



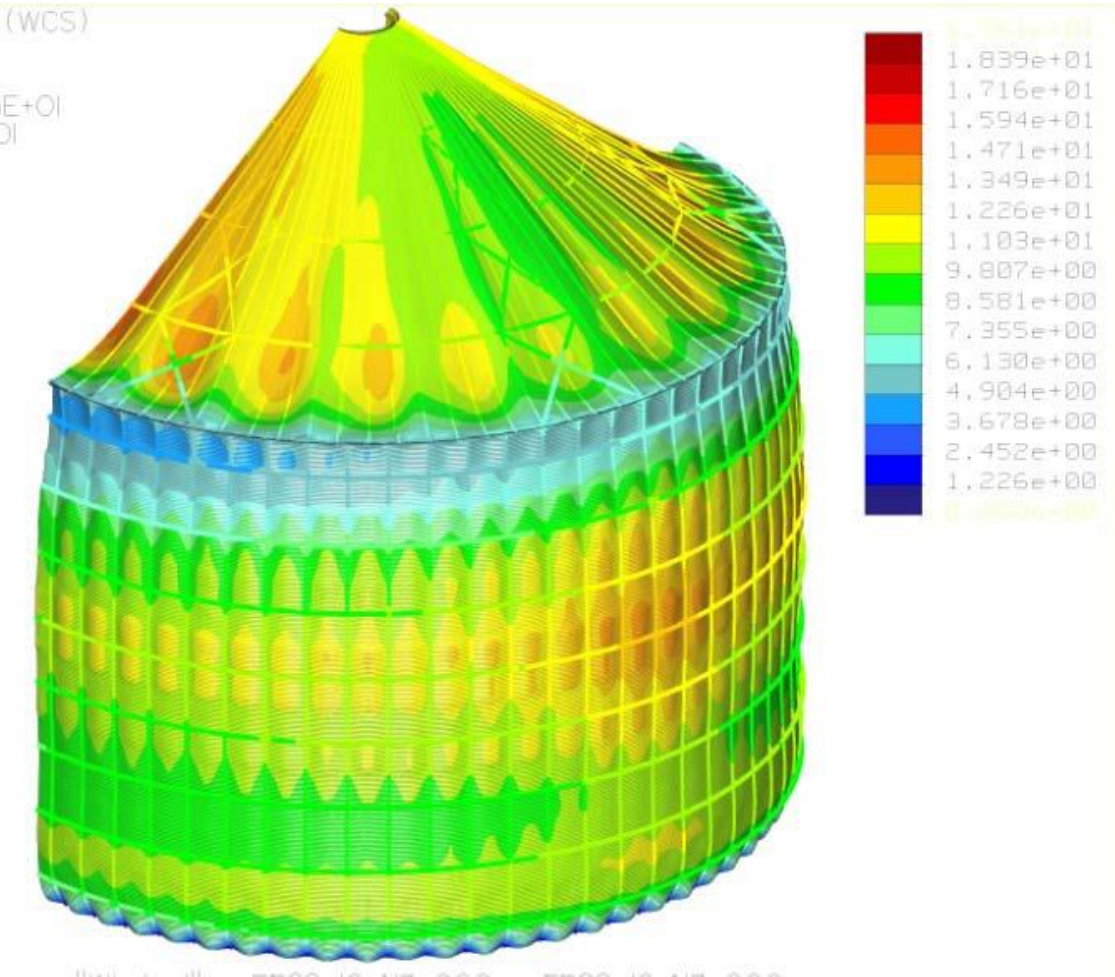
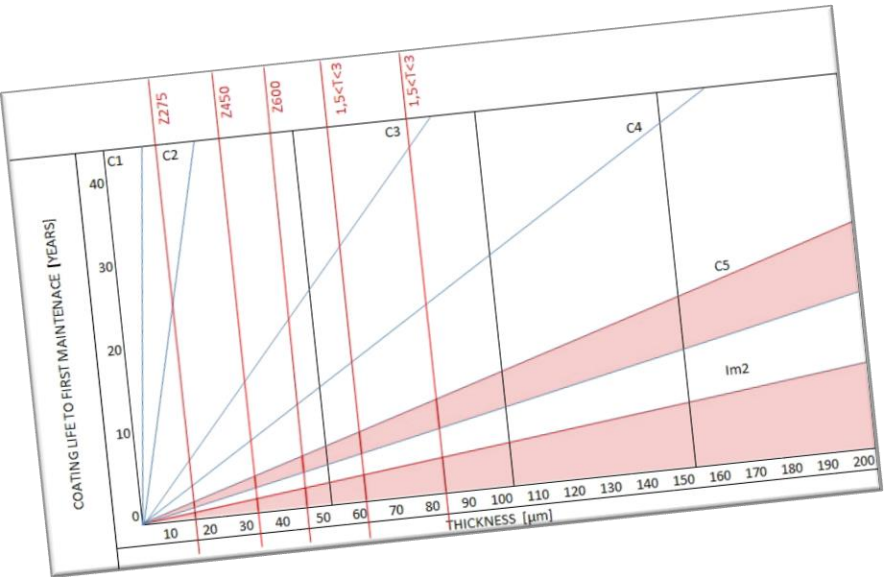
Stress/Deformation  
Analysis



Advanced Seismic  
Analysis (Mode Shapes)



**Sidewall sheets & stiffeners:**





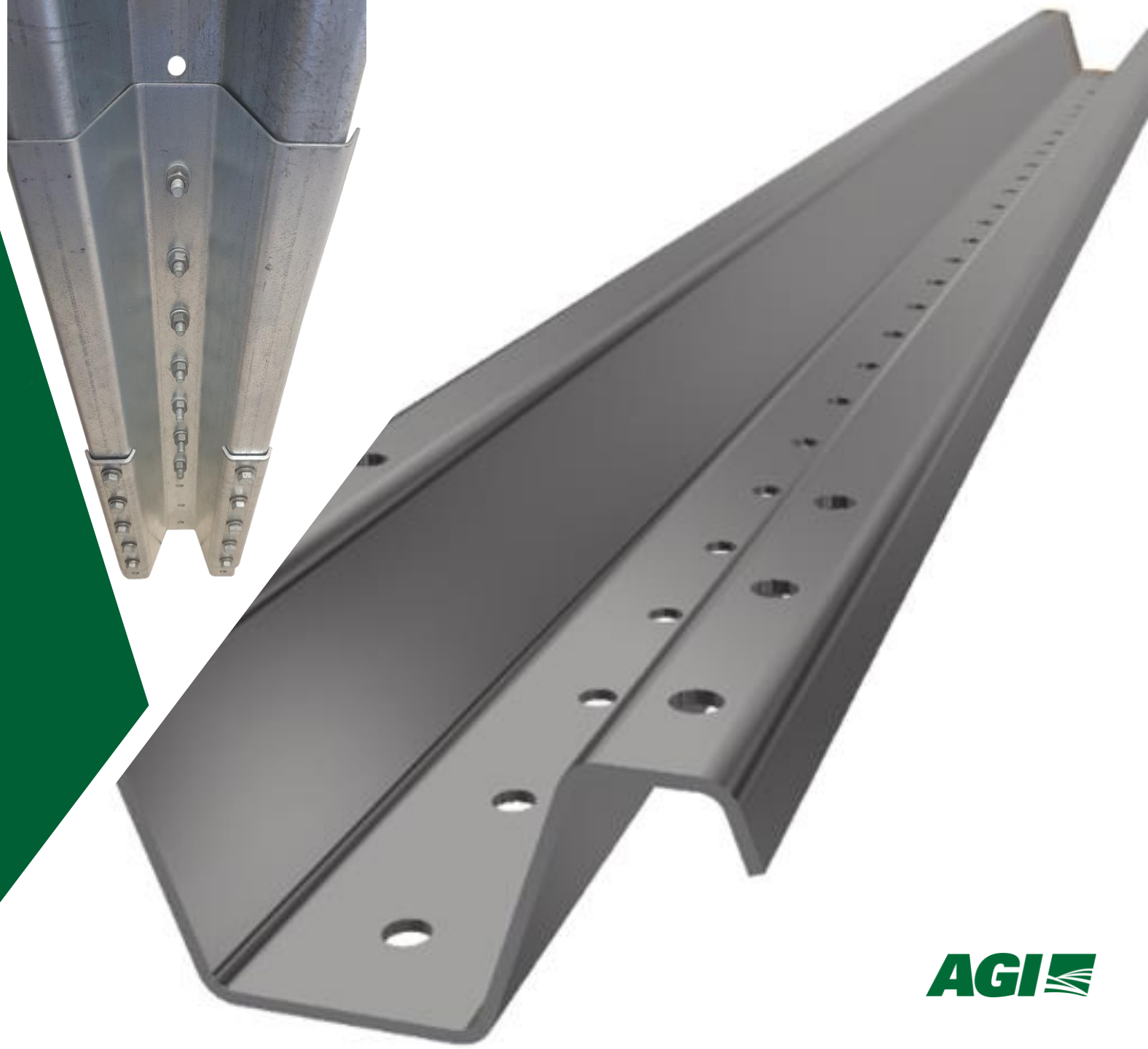


EUROCODE  
ASAE  
DIN



## ***STIFFENERS***

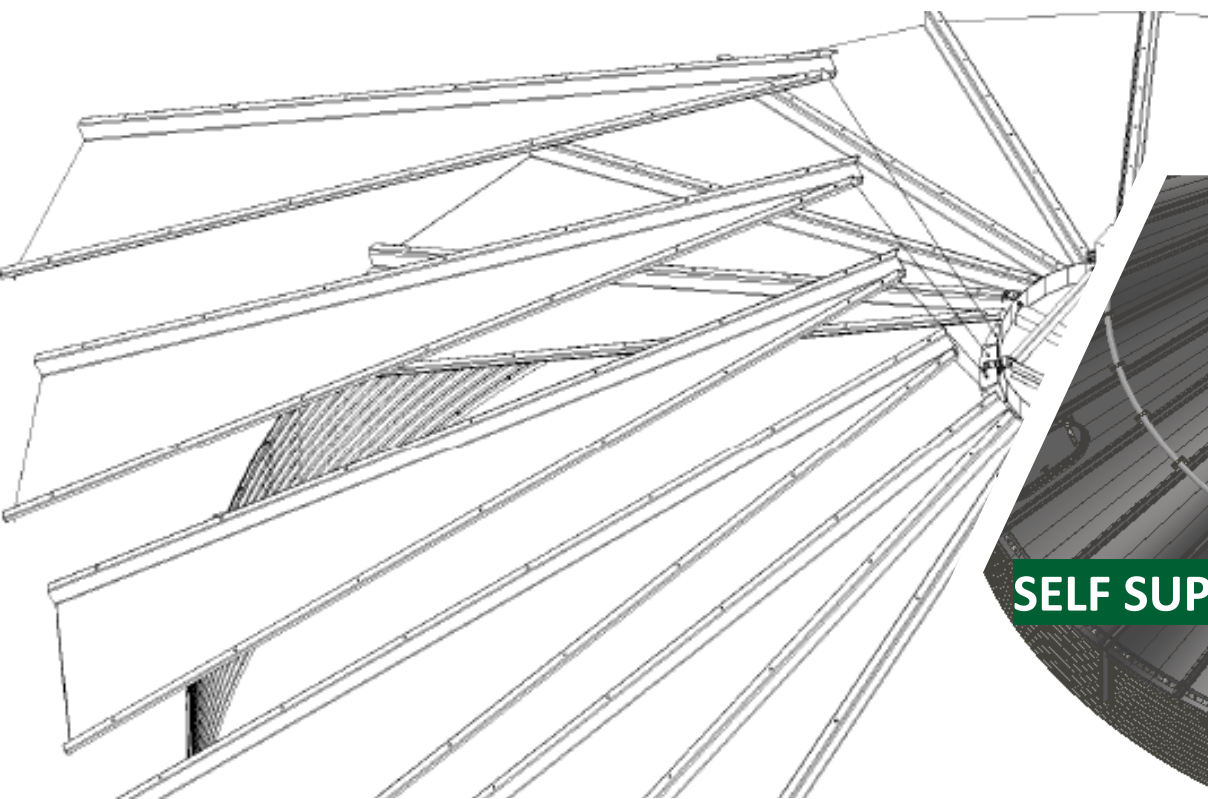
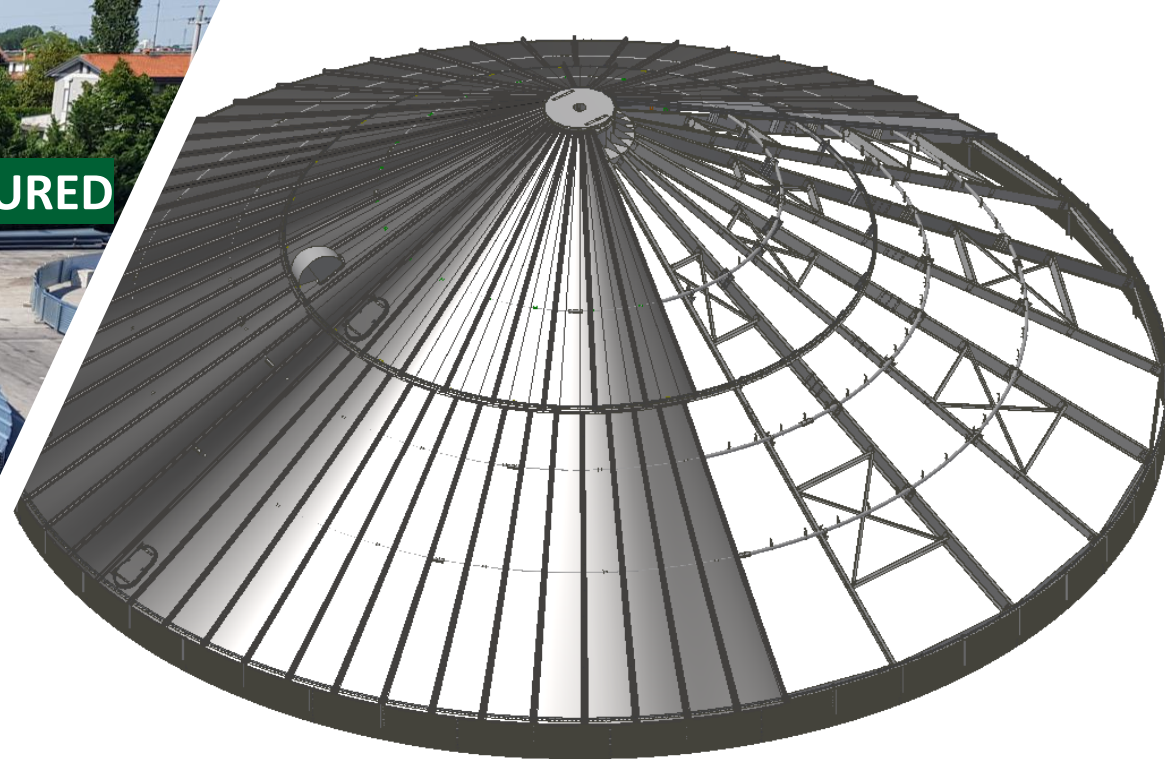
- ❖ HX420LAD+Z steel (HX460LAD as possible option)
- ❖ Quantity per sheet: No 2 No 3 according to design requirement
- ❖ Coverage: 1 no. or 2 no. rings.
- ❖ Profile: 'Vee' Profile (has significant advantages, particularly for the bigger size silos, reduced number of stiffeners due to higher bearing load of the stiffeners now possible, & also due to the total thickness possible when single and/or even double laminated)
- ❖ Connection: Profiled, bolted joint plates.
- ❖ Thickness: according to design standard. 1.5 mm to 6.5 mm thickness stamped onto individual stiffeners.



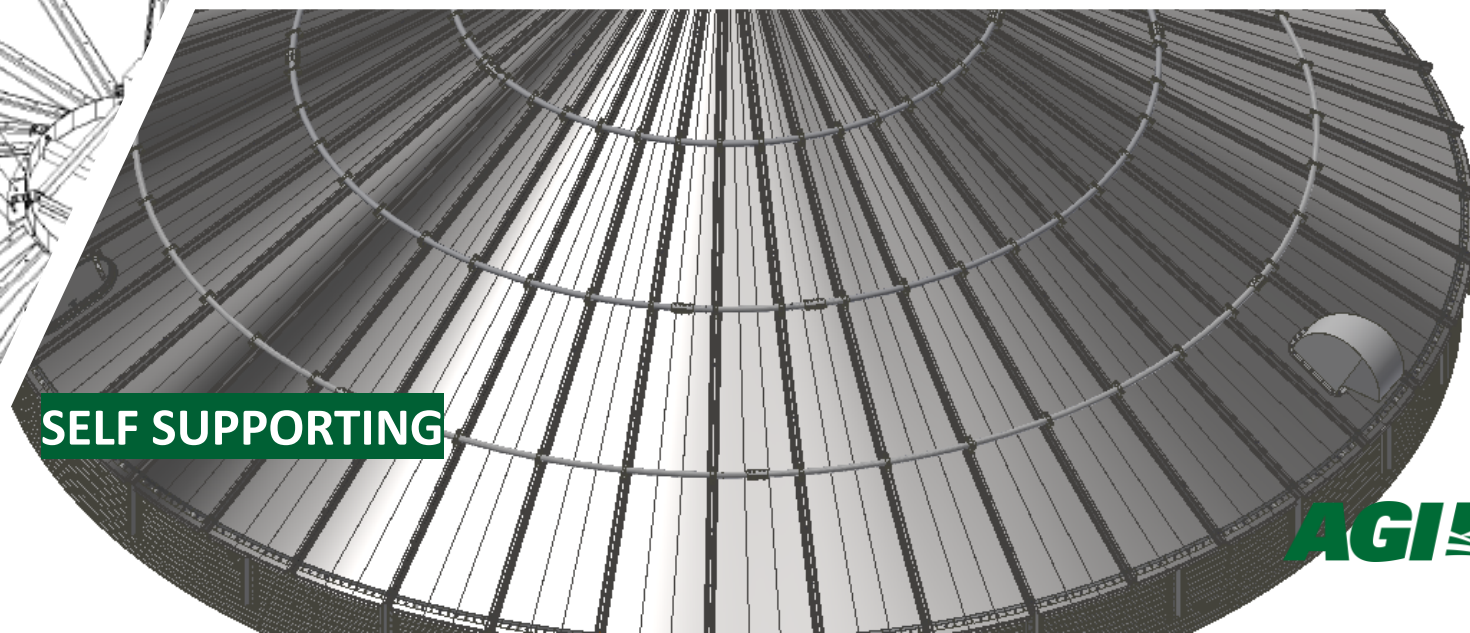


**ROOF STRUCTURE**

**STRUCTURED**



**SELF SUPPORTING**





## **ROOF ACCESSORIES**

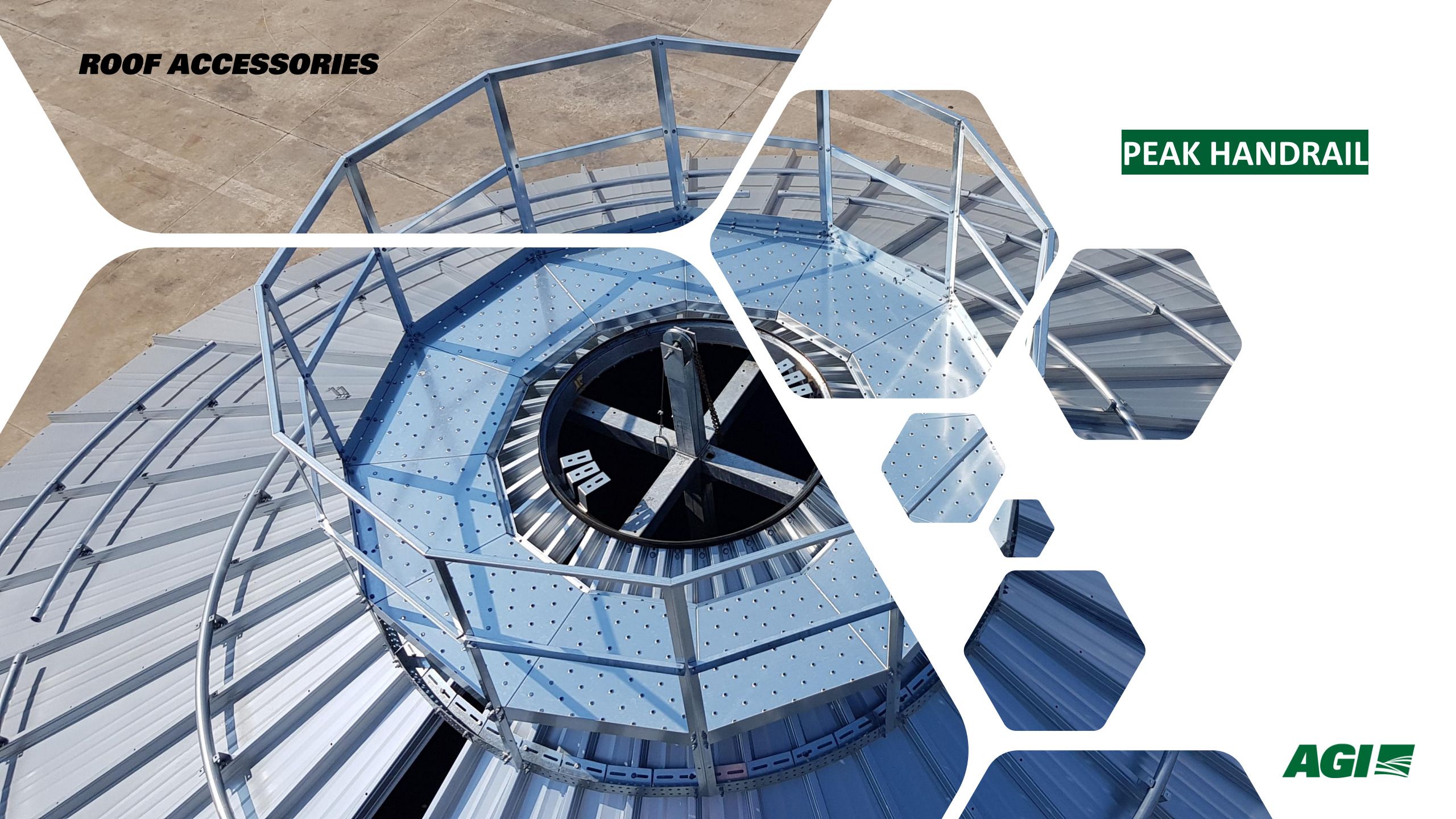


**ROOF HATCH**



## **ROOF ACCESSORIES**

**PEAK HANDRAIL**





## **ROOF ACCESSORIES**



## **SNOW BARRIERS**

## ***SWEEP AUGERS***



**CST/CSTF**



**FSA SWEEP AUGER**

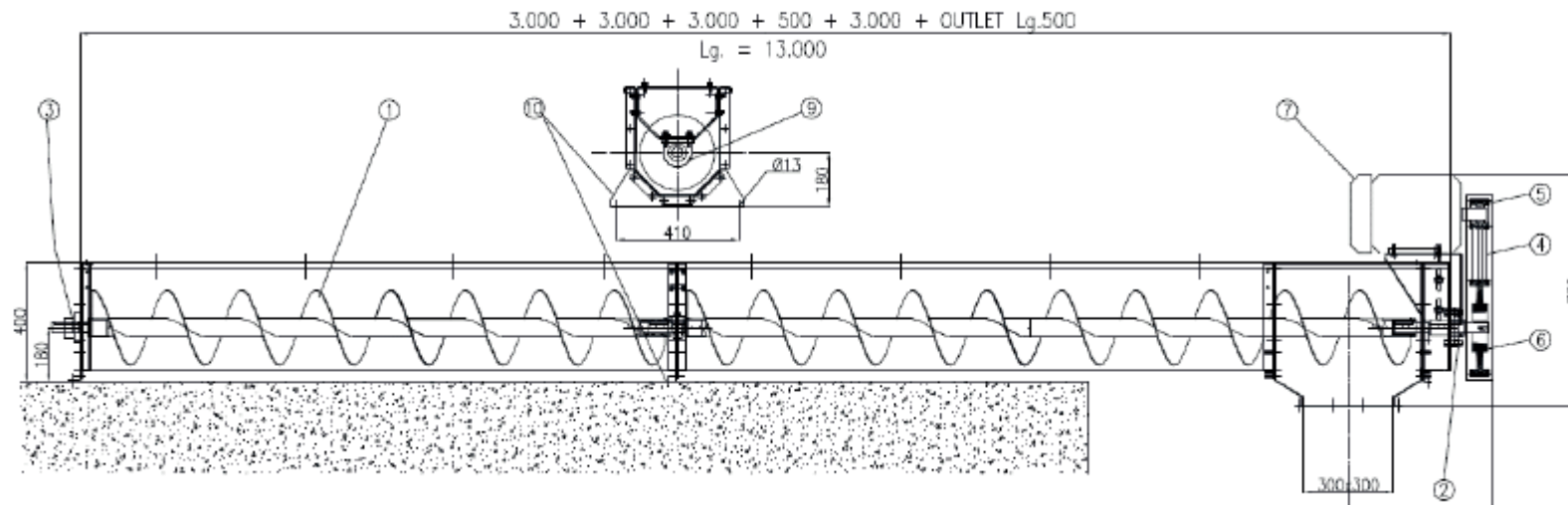




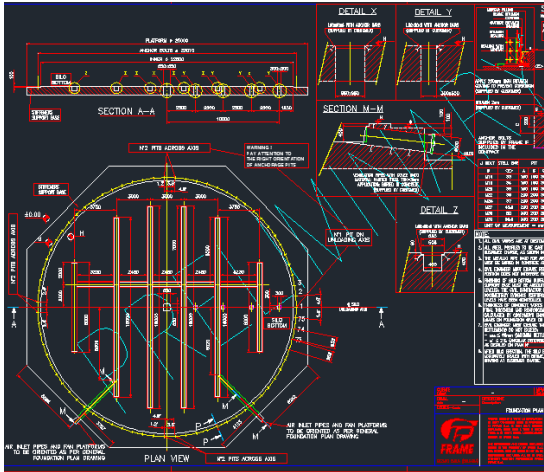
## SCREW AUGER CV 250

Designed for ease of installation and supplied in modular construction, the **AGI FRAME** range of CV 250 'U' trough screw conveyors are suitable for conveying of cereals up to maximum distance of 21.5 m. and a maximum rated capacity of 50 t/h based on wheat @ 780 Kg/m<sup>3</sup>.

### BASIC DIMENSIONS:







**STANDARD  
FLOOR  
AERATION  
GRIDS TO SUIT  
THE FP RANGE  
OF SILOS**





## **ROOF VENTS**



**AERAP Y ROOF VENT**



**AERAP XL HORIZONTAL  
POWERED ROOF FAN**

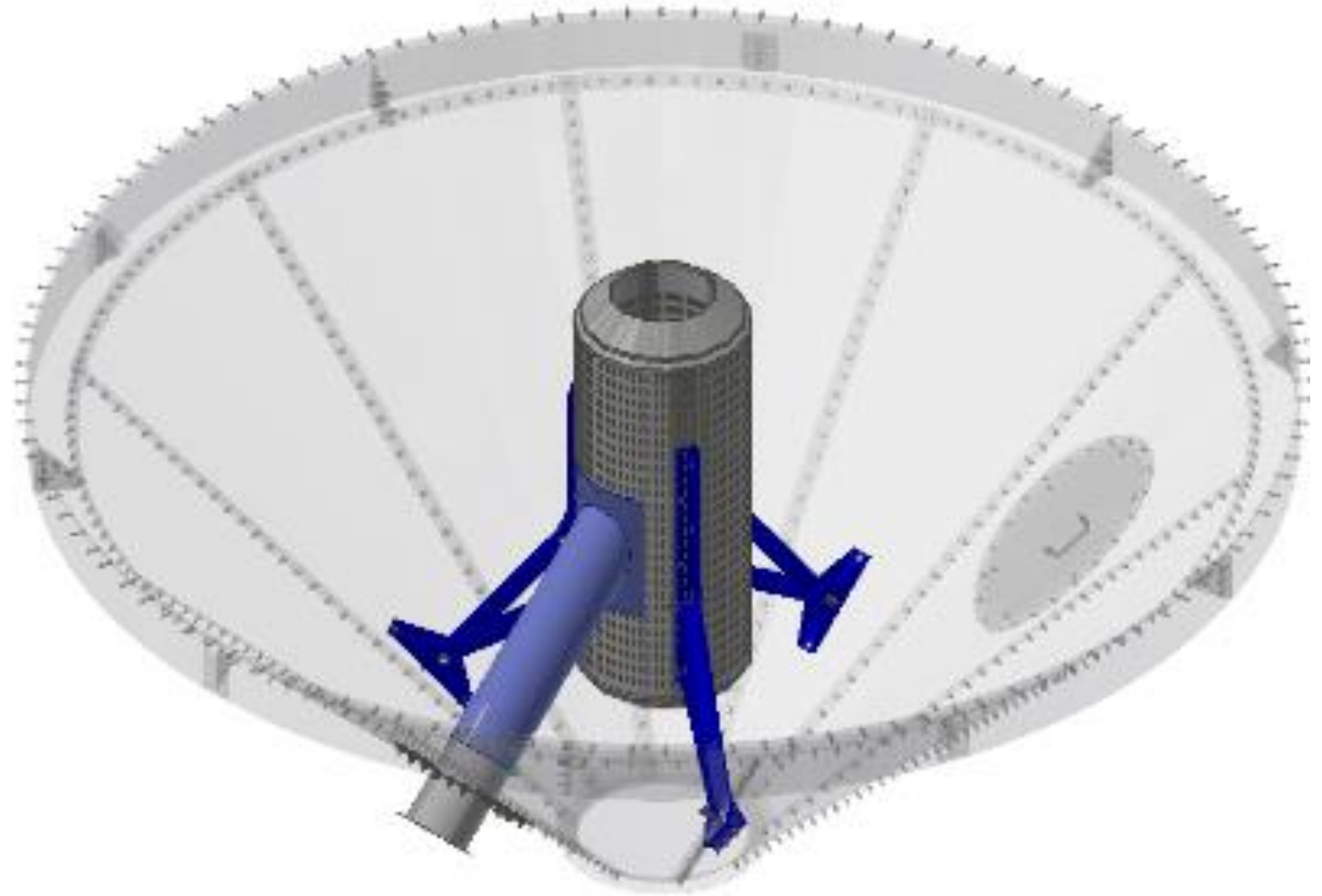


**ROOF FAN TOR015**

## ***AERATION SYSTEMS***

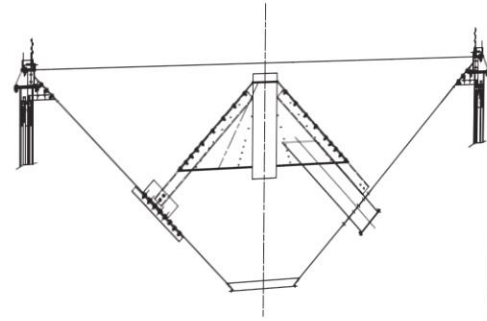


## **HOPPER SILO AERATION ROCKET**



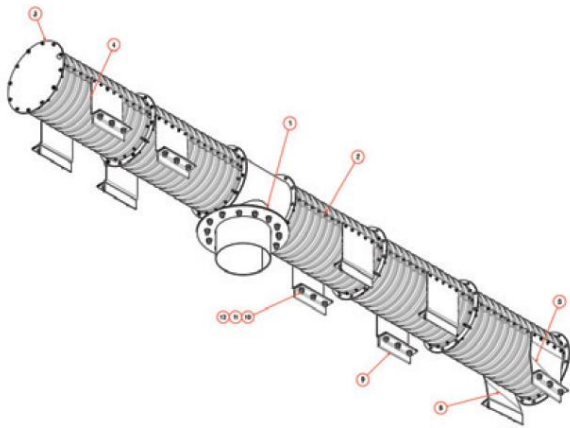


## AERATION SYSTEMS

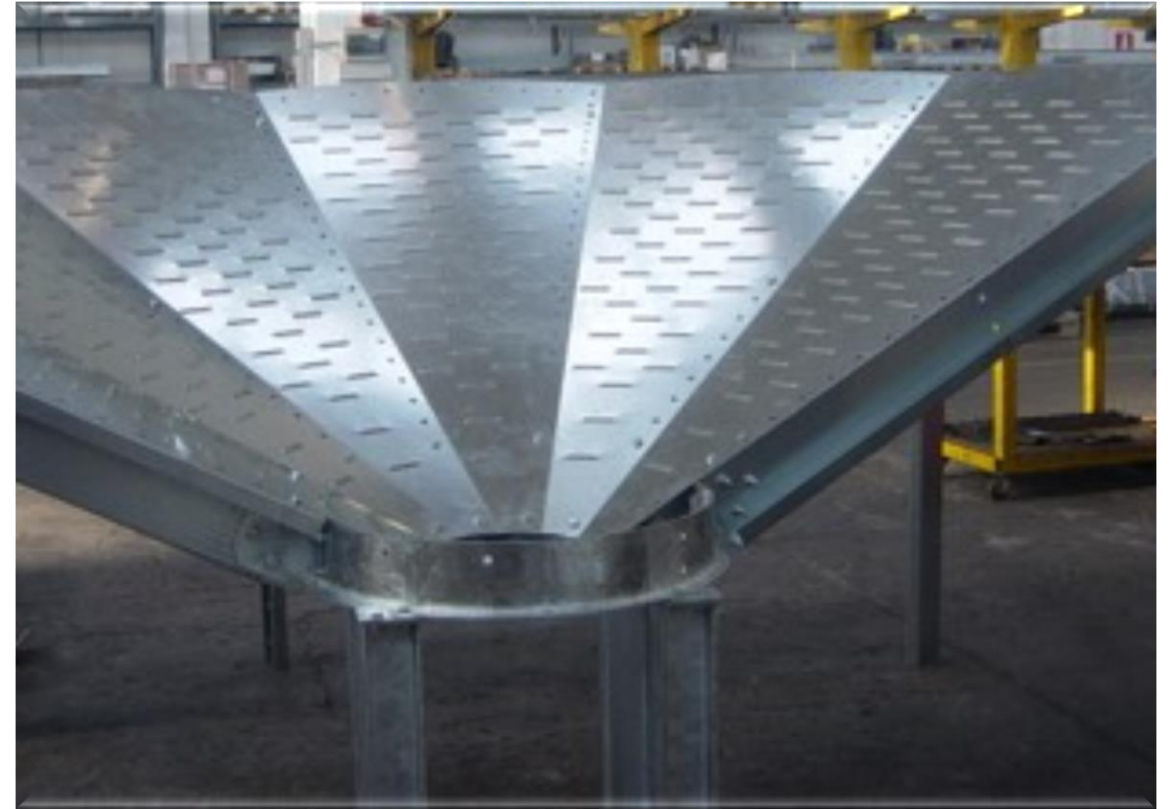


FC SILO AERATION CONE

## FC SILO AERATION DUCTS



## FP SILO FCV 28 CONICAL AERATION SYSTEM





# ***GRAVITY SIDEWALL DISCHARGE***





## **DOORS**

SINGLE  
RING DOOR



BOB CAT  
DOORS



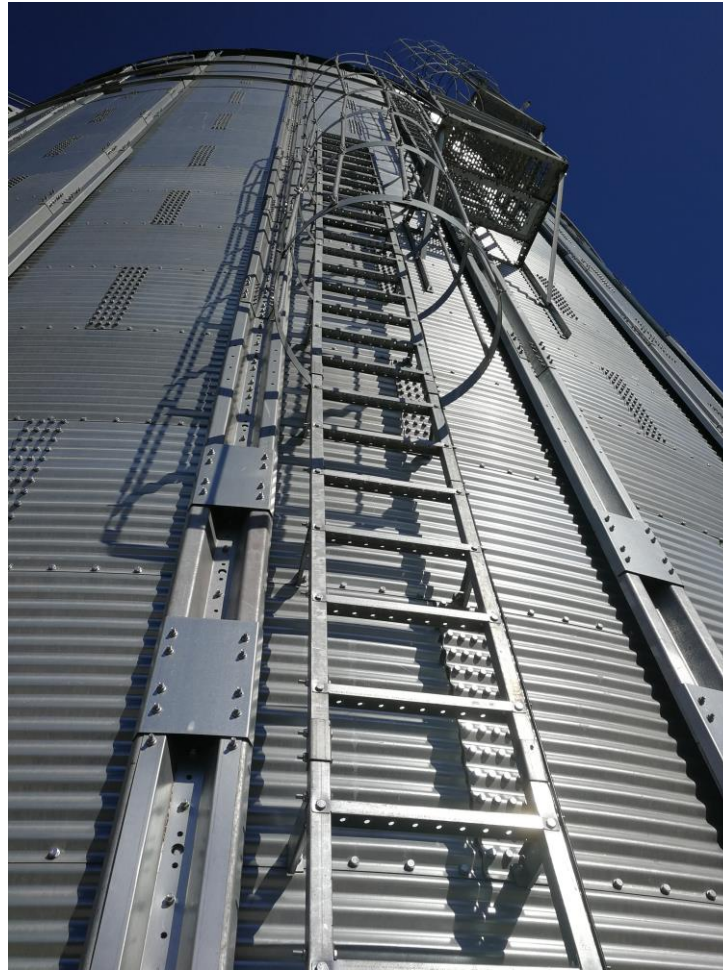
Up to model 25

Up to model 35

# LADDERS



ACCESS LADDER TO THE 2ND DOOR



VERTICAL LADDER



SPIRAL LADDER



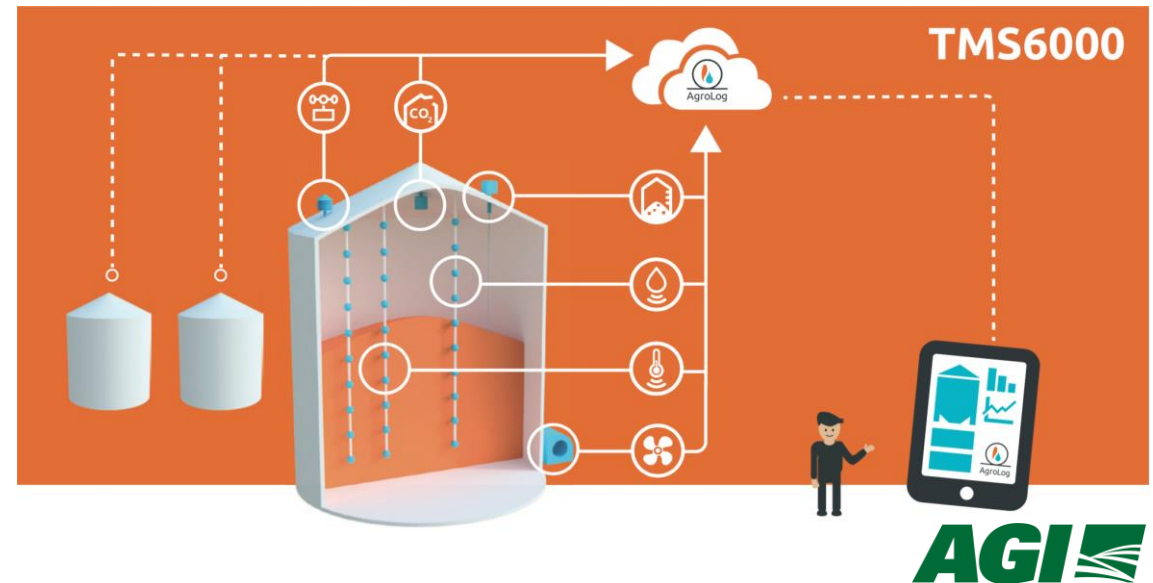
# ***CATWALKS***

- Standard FRAME catwalks
- Heavy duty catwalks
- Full grids catwalks



# TEMPERATURE SYSTEM

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# OUR VISION

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- ❖ We commit ourselves to provide cost effective, highest quality, technically advanced & environmentally friendly solutions to our client's individual storage requirements in the fastest timescale utilizing the latest designs, materials & through the most efficient administrative & manufacturing procedures.
- ❖ We certainly hope that your project will be the next impressive installation in our precious reference list.



## ***CONTACT***

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# THANK YOU / Q & A

