

TECHNICAL INFORMATION

Dismountable modular suspended platform into small pieces facilitating and optimizing transport and storage.

Adaptable to diameter from 2.2 up to 3 meters for work in chimneys, furnaces, silos, deposits, tanks, wells and circular geometry spaces.

It has a equipment of 3 500 kg electric elevators synchronized in a central control cabinet that controls movement up and down platform.

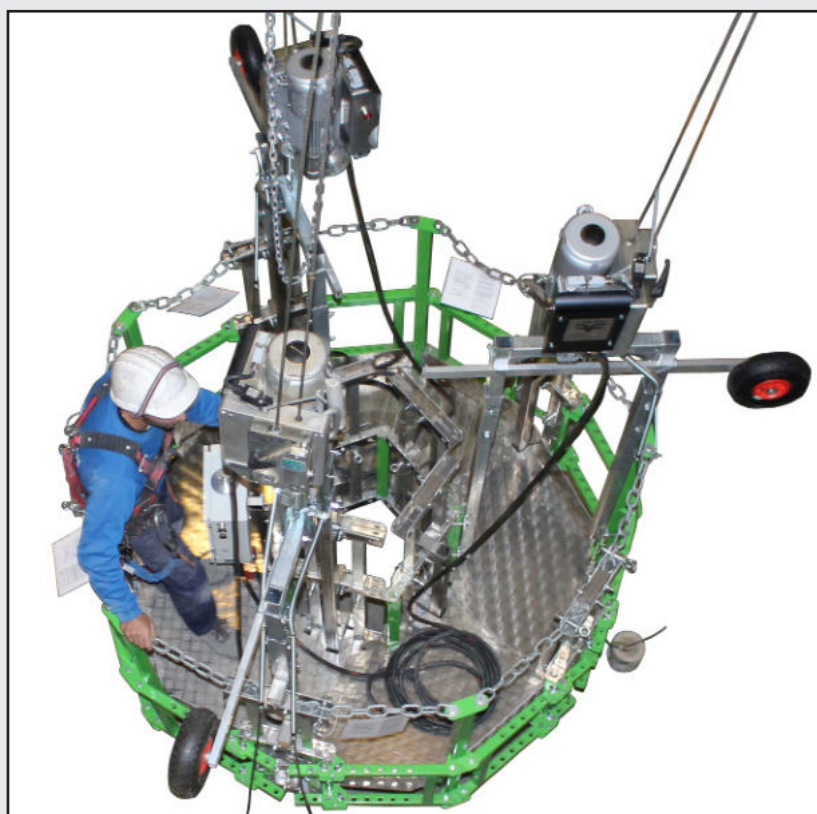
The platform is made of aluminum the most part, it can be quickly and easily. The joints are performed using threaded pins.

The pieces are small in size and allow acces through manholes or places of difficult access Ø 750 mm.

It has a central hole for supply materials on the platform by auxiliary hoists.

ADVANTAGES

- Detachable, easy to handle and assemble.
- Simple and intuitive operation.
- High capacity platform mobility.
- Highly adaptable platform to other dimensions and sizes.
- Elements forming the platform (elevators, anti fall devices, cables and mechanical parts of the platform) can be combined for use in all configurations.
- Time saving due to reduction of hours required for assembly and disassembly of tubular scaffold, with the additional cost that would entail.



TECHNICAL CHARACTERISTICS

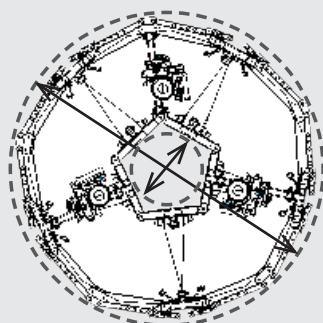
Maximum platform diameter	3m
Number of elevators	3x 500 kg
Platform working load limit	600 kg
Number of people	3
Maximum working height	Unlimited
Maximum platform dead weight	750 kg
Manhole diameter	Ø 750 mm
Vertical translation	Motorized
Operating speed	8 m/min
Emergency descent	Yes
Diameter and nº of suspension cables	8,3 mm (x3)
Diameter and nº of safety cables	8,3 mm (x3)
In accordance to EN 1808	Yes
EC mark	Yes

OVERALL DIMENSIONS AND CONFIGURATIONS

The design of this machine allows to change its dimensions simply changing some of the pieces of which it is composed, so that it can work on the desired diameter in each section of the building.

Configuration	A	B	C
Platform outer diameter (m)	2,2	2,6	3
Platform inner diameter (m)	0,50	0,75	1,00
Working load limit (kg)	600	600	600
Number of people	3	3	3
Platform dead weight (kg)	685	730	750

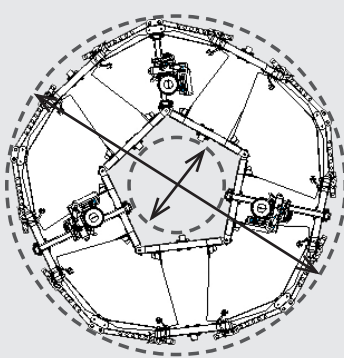
Configuration A



Ø outer: Ø2,20 m

Ø inner: Ø0,50 m

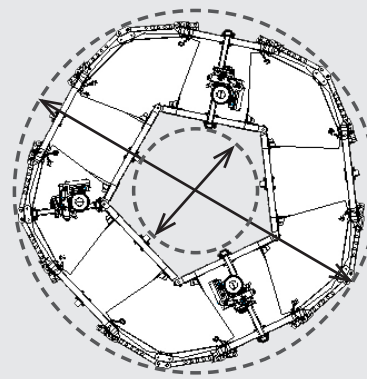
Configuration B



Ø outer: Ø 2,60 m

Ø inner: Ø0,75 m

Configuration C



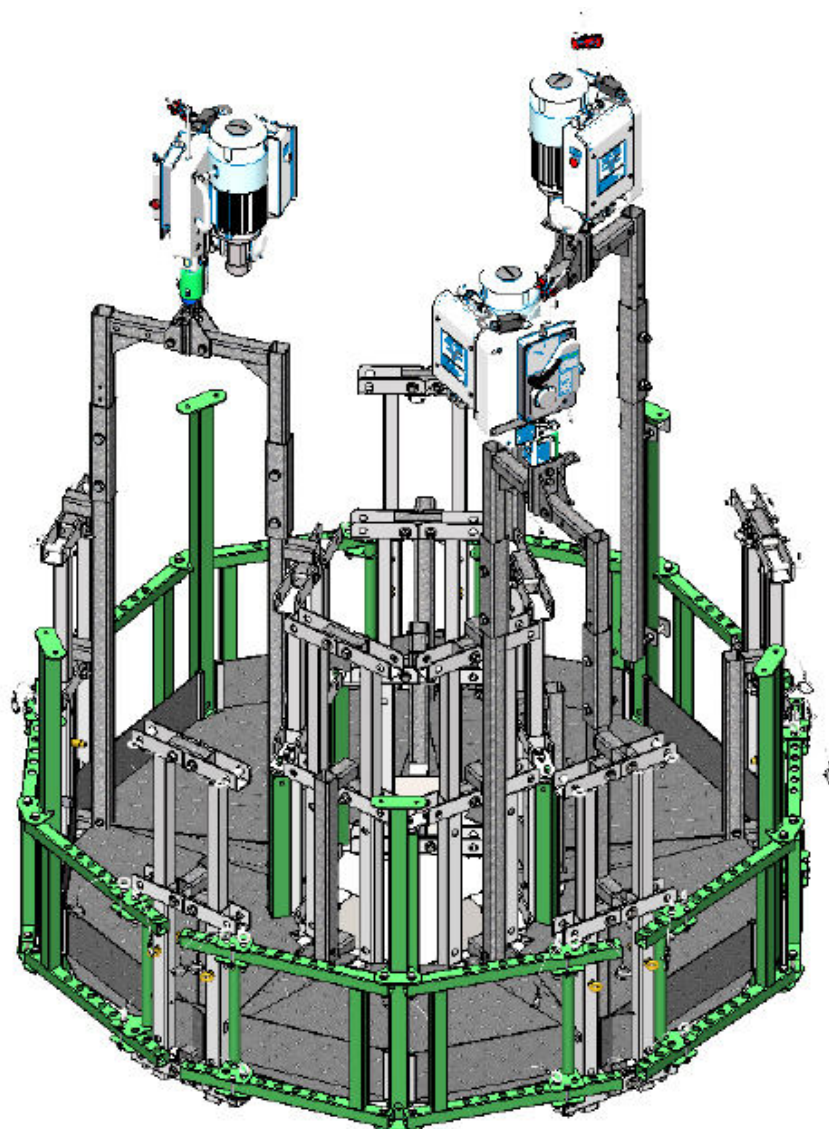
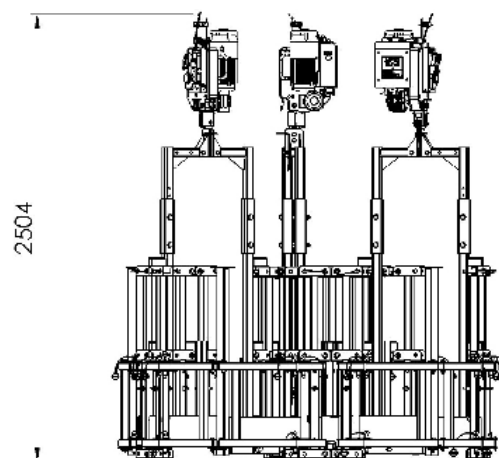
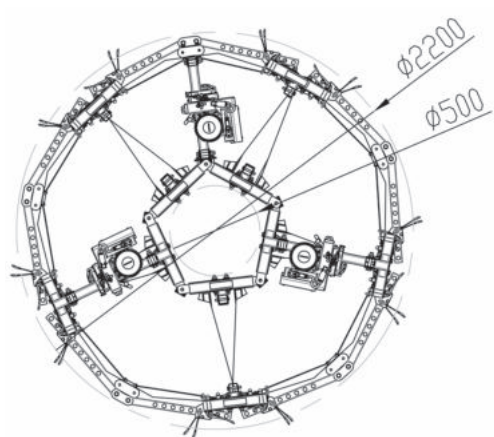
Ø outer: Ø 3,00 m

Ø inner: Ø1,00 m

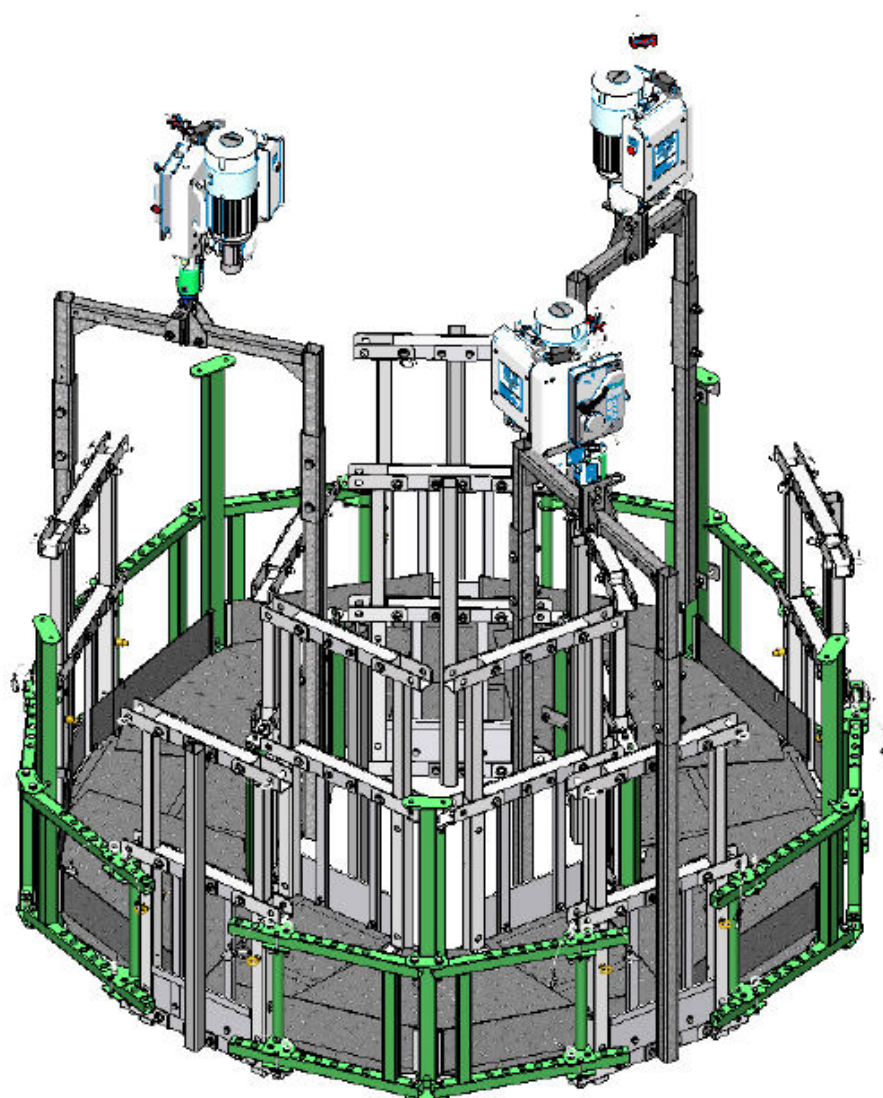
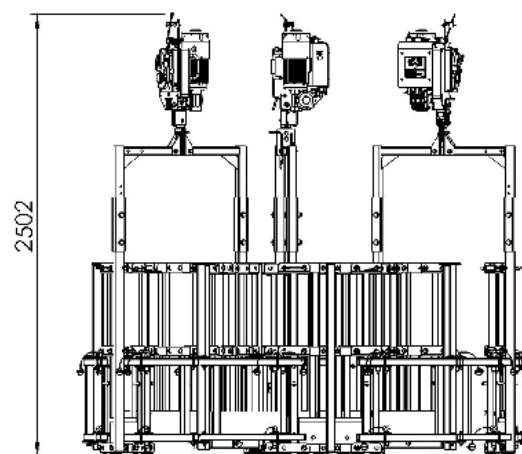
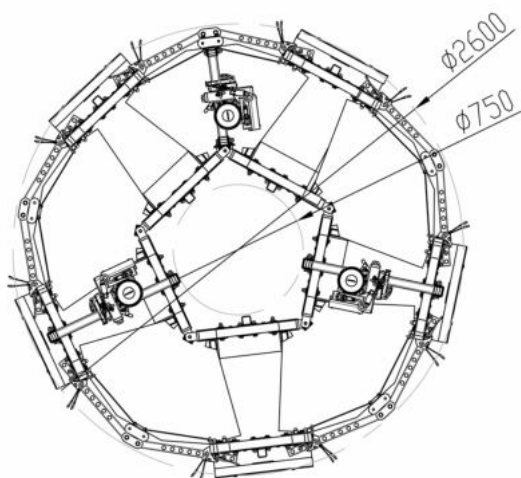
SAFETY DEVICES

- Overload control device.
- Emergency stop in control cabinet.
- Work and safety wire ropes.
- Security cable lock through the fall arrest device in case of:
 - Rupture of the hoisting wire rope.
 - Failure of the hoist.
 - Overspeed.
 - Pressing the EMERGENCY STOP.
 - Jaws not reset.
- Inclination device the descent of the platform.
- Safety coefficient of the wire ropes >8.
- Handrails 1 m height.
- Perimetral baseboard.
- Anti slipping floor.
- EC mark.
- Certified for lifting people.
- Manual emergency descent in case of power failure.
- Upper end position sensor

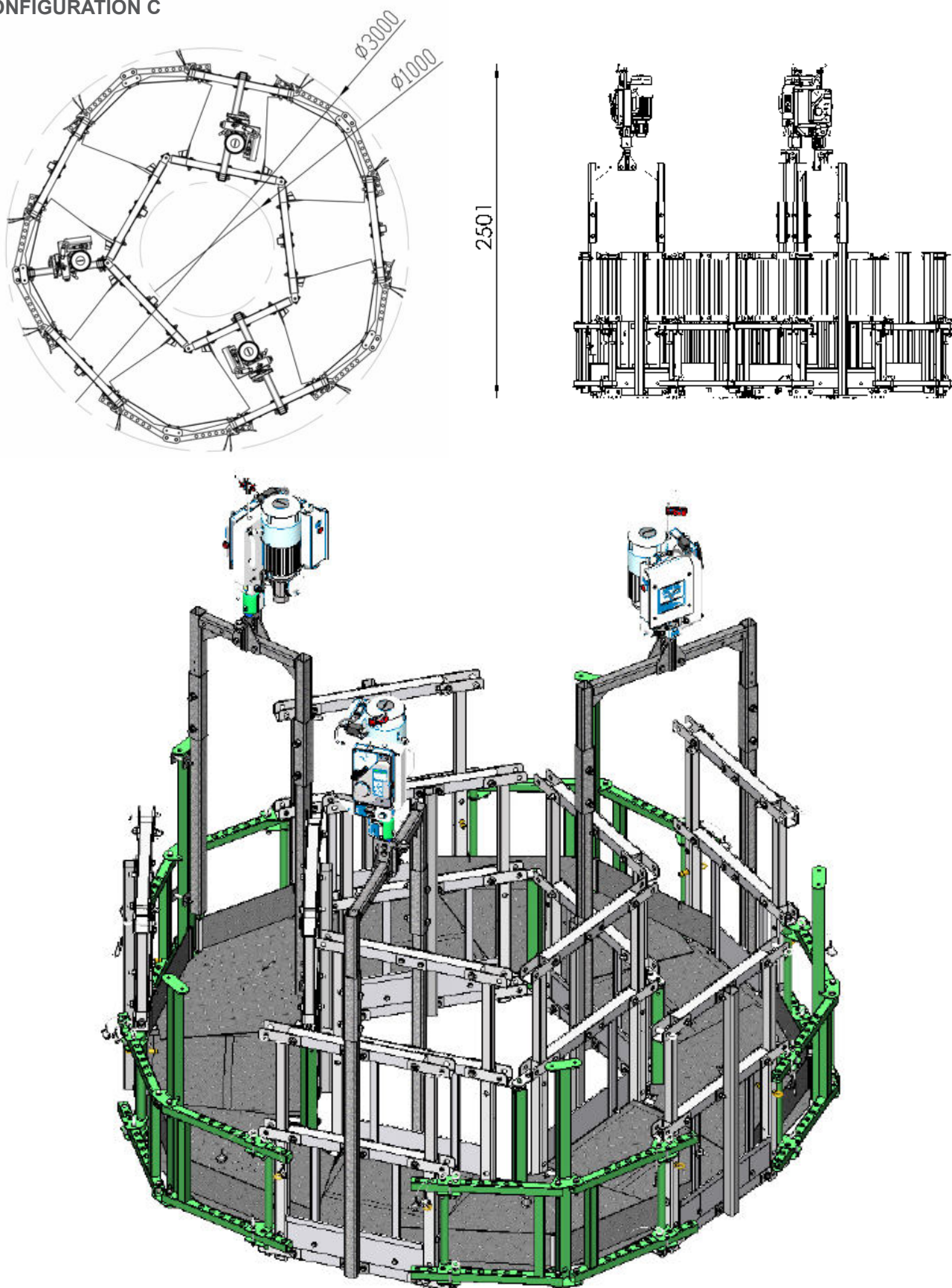
CONFIGURATION A



CONFIGURATION B



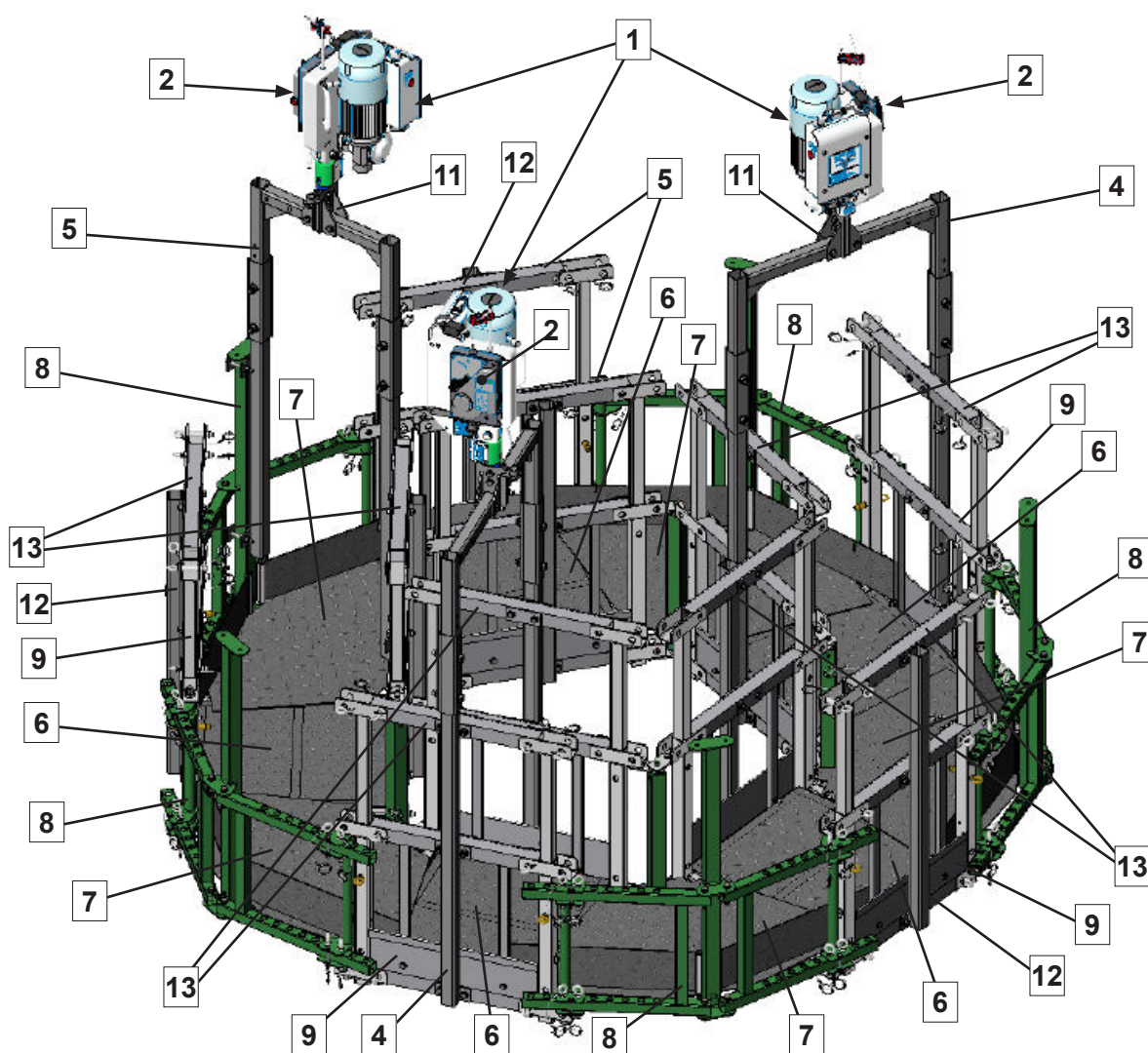
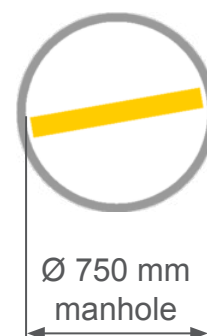
CONFIGURATION C



COMPOSITION

Aluminium and steel suspended platform, composed by:

- 1-E.lift 501 powered hoist. (3 u.)
- 2-Securichute 600 fall arrest device (3 u.)
- 3-Electric cabinet. (1 u.)
- 4-Hoist lateral support (2 u.)
- 5-Hoist angular support (1 u.)
- 6-Straight floor panel (5 u.)
- 7-Angular floor panel (5 u.)
- 8-Angular structure (5 u.)
- 9-Side panel (10 u.)
- 10-Work and safety wire ropes (6 u.)
- 11-Hoist anchorage. (3 u.)
- 12-Side panel reinforcement (6 u.)
- 13-Handrail (10 u.)



IMAGES



