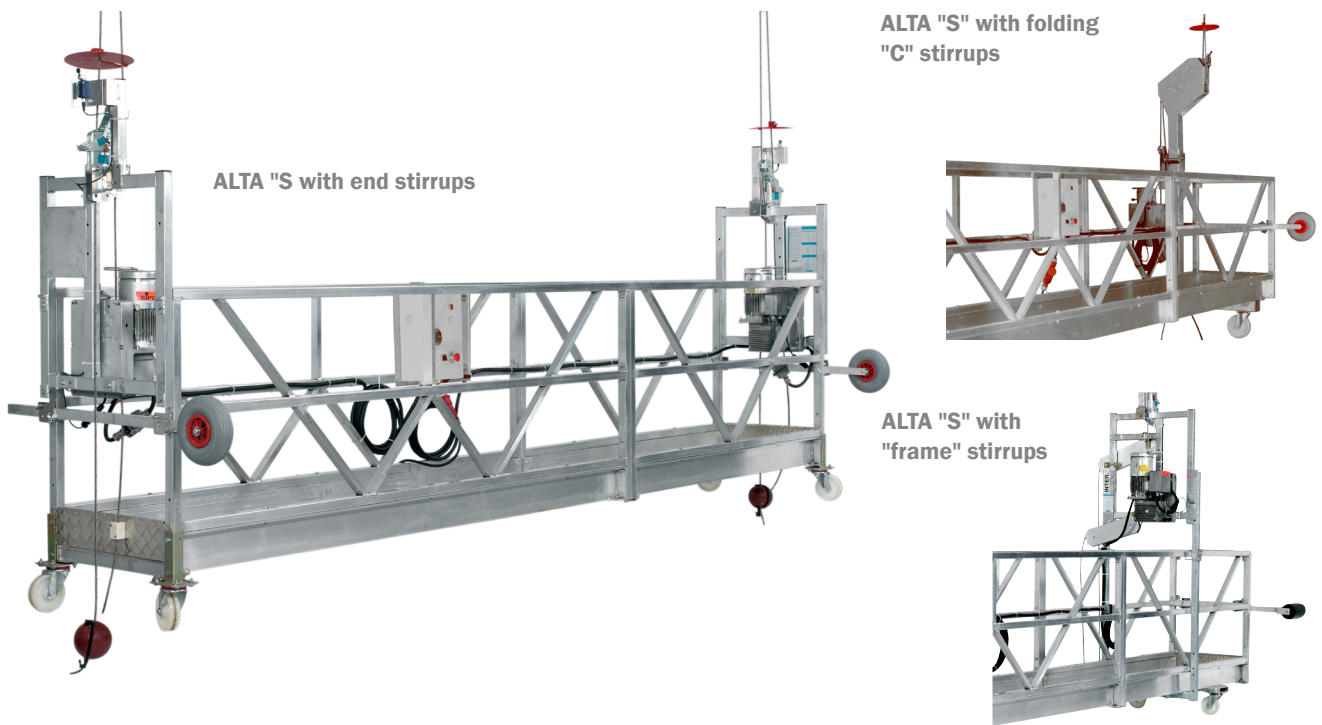


APPLICATIONS

The ALTA "S" platform is intended for temporary applications for lifting people and their working equipment - at unlimited heights¹. It is designed particularly for heavy applications on facades, chimneys, silos, bridges, etc. The complete system consists of the working platform equipped with two electric TIRAK™ hoists and the facade protection wheels, suspended by means of steel wire ropes from a suspension structure.



SAFETY

To ensure safe operation without danger to personnel, the platform is fitted with the following safety devices:

- service brake incorporated in the TIRAK™ hoist
- one BLOCSTOP™ fall arrest device acting on each safety wire rope
- overload sensor incorporated in the TIRAK™ hoists according to EN 1808
- two upper limit switches
- no power descent in case of power failure
- anti-tilt device
- emergency stop
- phase controller (on three-phase models)

CE The ALTA "S" equipment complies with the Directives of the European Union and is manufactured under ISO 9001.

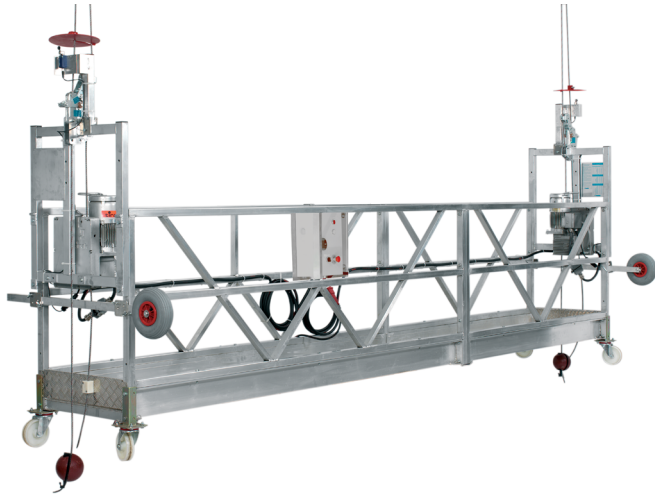
1) According to EN 1808 suspended platforms at heights exceeding 40 meters must be equipped with a restraint system.

TECHNICAL DATA

Rated loads	see load tables (pages 6 - 8)
Max. load / meter	140 kg/m
Maximal height	limited by the length of the wire rope ¹
Speed lifting / lowering	8.5 m/min
Hoist type	2x TIRAK™ type depending on configuration
Lifting / safety wire rope diameter	9 or 10 mm (depending on the hoist)
Drive	three-phase 230/400 V
Fall arrest device	2x BLOCSTOP™
Noise level	< 73 dB
Dimensions	depending on configuration, see pages 3 to 8
length	2 to 18 m (composition of modules of 2 and 3 m)
inside width	66.8 cm

VARIANTS

The different ALTA "S" variants are to be distinguished by their suspension principles. Three different stirrups allow to choose the platform responding the best to your requirements (type of work, type of building, maximal loads, number of persons, ...).



MAXIMAL LENGTH 15 M

End stirrups: fitted at the ends of the platform.

Advantages:

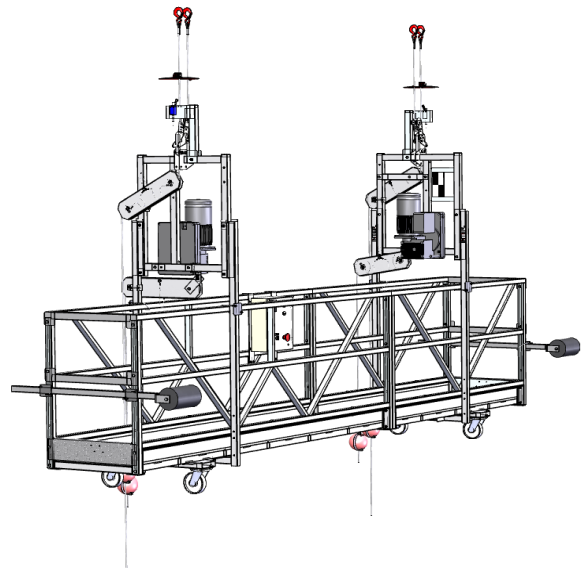
The most economical and lightweight version, although showing extraordinary performances.

MAXIMAL LENGTH 18 M

«Frame» stirrups: slipped over the platform like a «frame».

Advantages:

The building corners are clear and can be easily accessed.
Exchangable with the upper part of the end stirrup.
The distance between suspension wire ropes is adjustable.

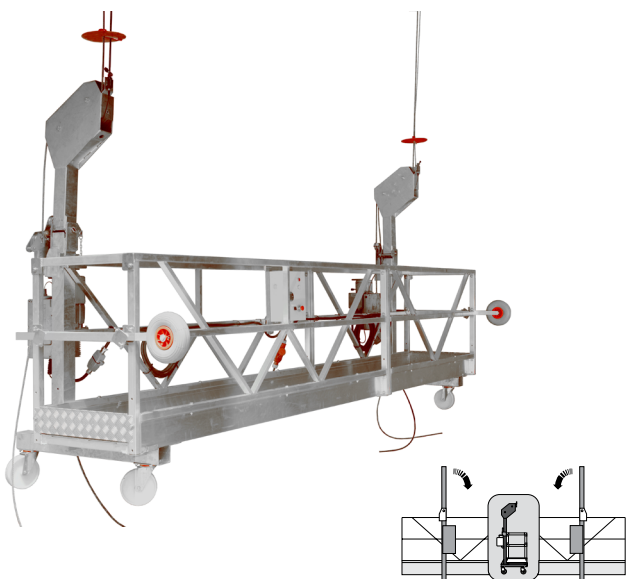


MAXIMAL LENGTH 18 M

Folding «C» stirrups: placed at the rear of the platform behind the workers.

Advantages:

The working surface is completely clear and the whole façade can be easily accessed.
The building corners are clear and can be easily accessed.
The distance between suspension wire ropes is adjustable.



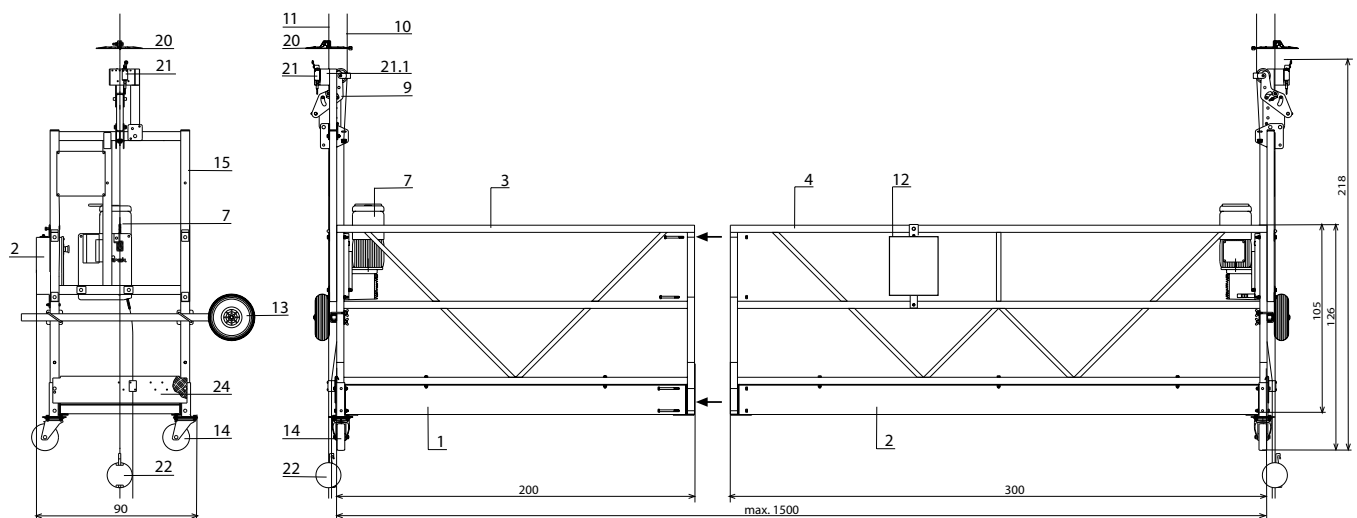
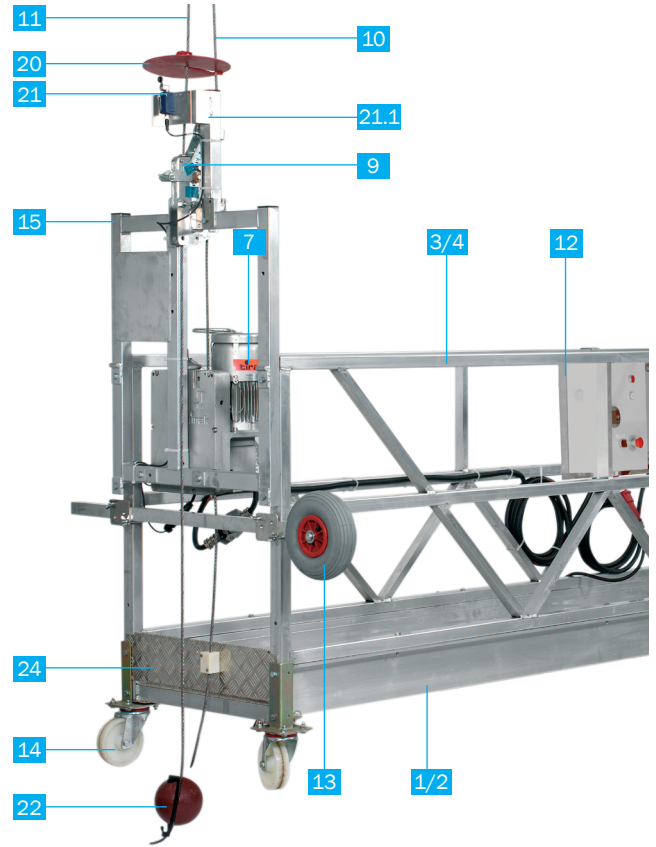
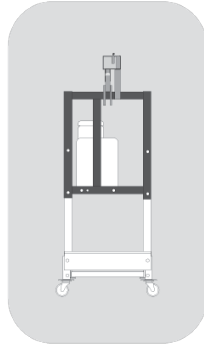
Advantages:

Enhanced slope detection.
Reduced height for easy storage and transportation.

ALTA "S" WITH END STIRRUPS

MAIN COMPONENTS

- 1/2 Floor panel length 2 m or 3 m
- 3/4 Guard-rail length 2 m or 3 m
- 7 TIRAK™ hoist
- 9 BLOCSTOP™ fall arrest device
- 10 Lifting wire rope
- 11 Safety wire rope
- 12 Control box
- 13 Facade protection wheel/roller
- 14 Castor wheel
- 15 End stirrup
- 20 Buffer plate
- 21 Upper limit switch
- 21.1 Upper limit switch bracket
- 22 Ballast weight for safety wire rope
- 24 Toe board



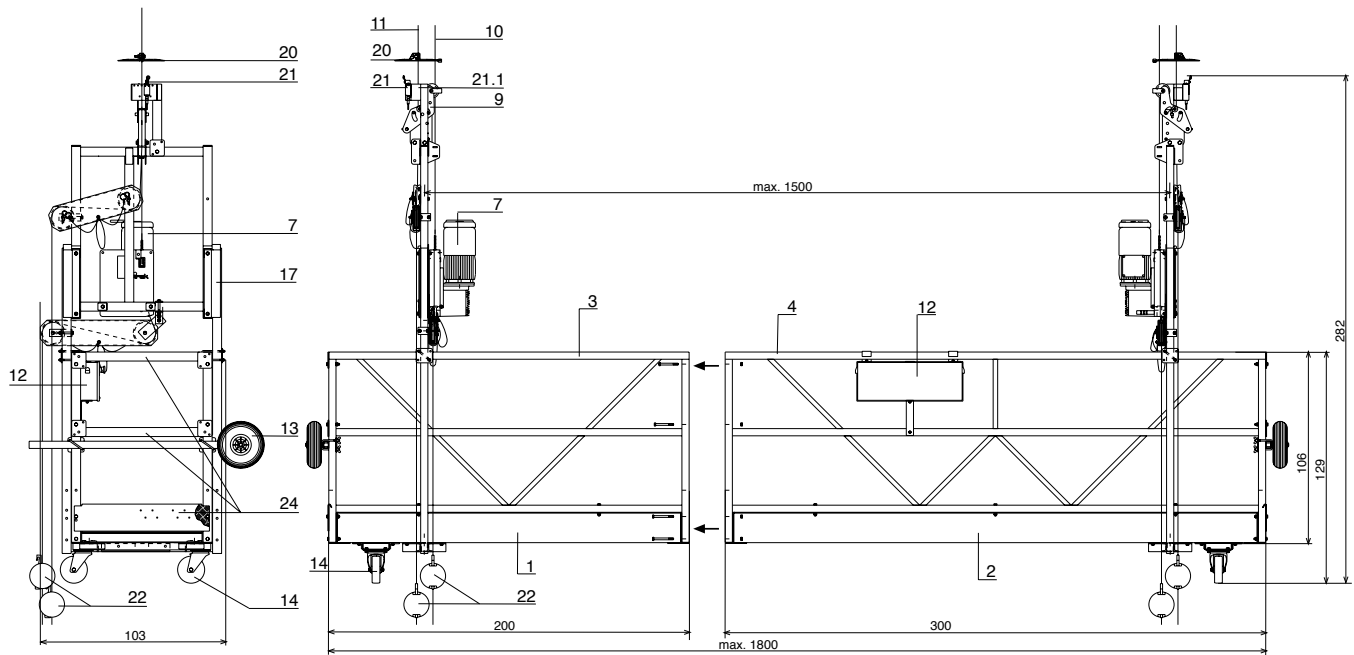
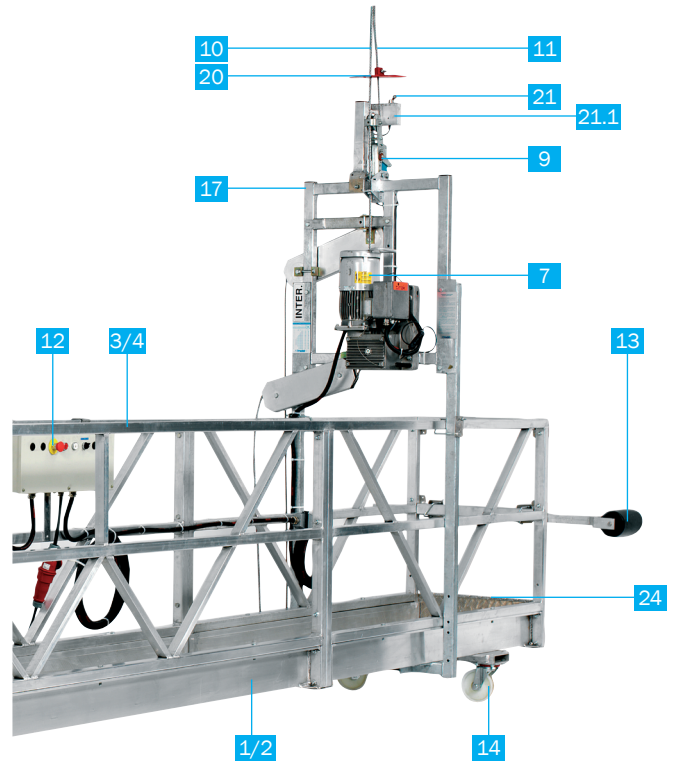
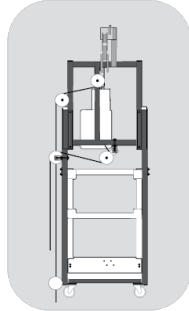
Measures in "cm"

Spare Parts
See spare parts list S-486.

ALTA "S" WITH "FRAME" STIRRUPS

MAIN COMPONENTS

- 1/2 Floor panel length 2 m or 3 m
- 3/4 Guard-rail length 2 m or 3 m
- 7 TIRAK™ hoist
- 9 BLOCSTOP™ fall arrest device
- 10 Lifting wire rope
- 11 Safety wire rope
- 12 Control box
- 13 Facade protection wheel/roller
- 14 Castor wheel
- 17 "Frame" stirrup
- 20 Buffer plate
- 21 Upper limit switch
- 21.1 Upper limit switch bracket
- 22 Ballast weight for lifting and safety wire rope
- 24 Toe board



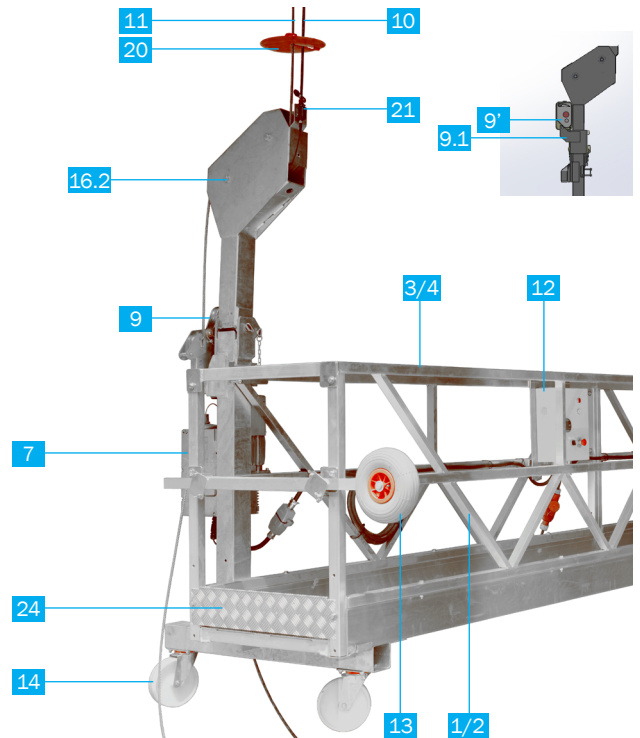
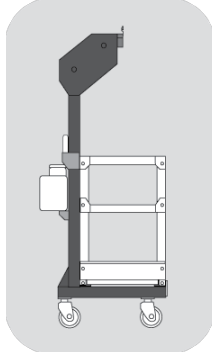
Measures in "cm"

Spare Parts
See spare parts list S-486.

ALTA "S" WITH FOLDING "C" STIRRUPS

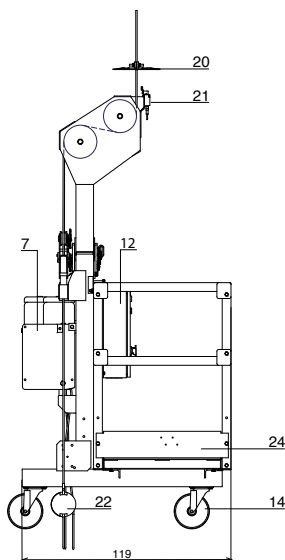
MAIN COMPONENTS

- 1/2 Floor panel length 2 m or 3 m
- 3/4 Guard-rail length 2 m or 3 m
- 7 TIRAK™ hoist
- 9 BLOCSTOP™ BSA fall arrest device
- 9' BLOCSTOP™ BSO fall arrest device with fastening kit (for ALTA "S" MONO only)
- 9.1 Fastening kit for BLOCSTOP™ BSO
- 10 Lifting wire rope
- 11 Safety wire rope
- 12 Control box
- 13 Facade protection wheel/roller
- 14 Castor wheel
- 16.1 Left folding "C" stirrup
- 16.2 Right folding "C" stirrup
- 20 Buffer plate
- 21 Upper limit switch
- 24 Toe board

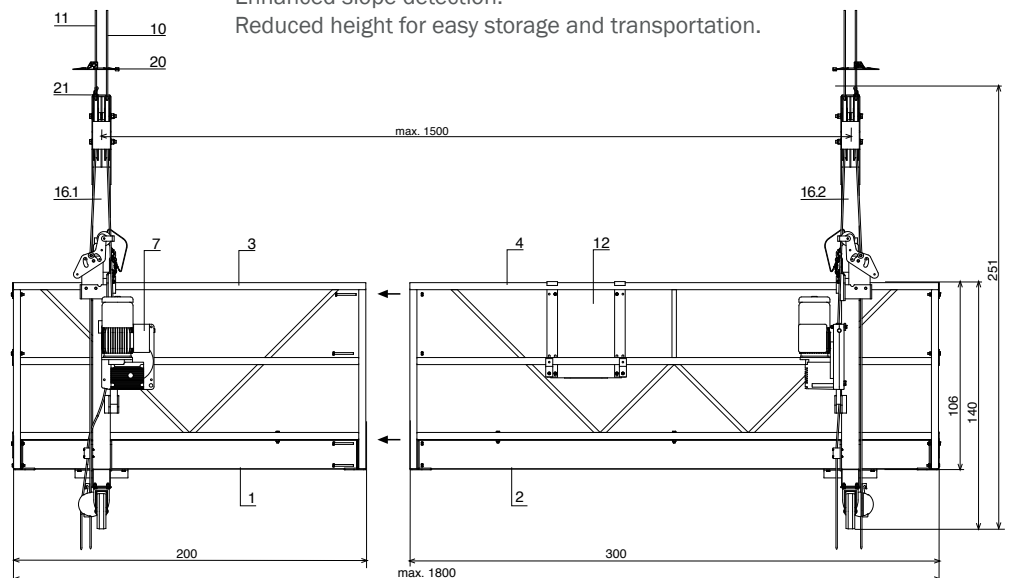


Advantages:

- Enhanced slope detection.
- Reduced height for easy storage and transportation.



Measures in "cm"

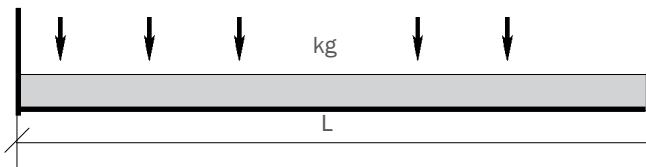
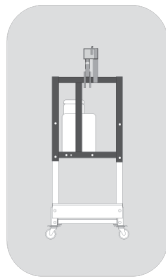


Spare Parts
See spare parts list S-486.

RATED LOADS

In accordance with the European standard the rated loads are calculated in the following way: the first and the second persons are calculated 80 kg + 40 kg of equipment, and the following persons are counted as 80 kg each.

The maximal loads of ALTA "S" platforms are 280 to 1,400 kg. The load must be spread as evenly as possible over the length of the platform. Refer to the load tables on the following pages.



RATED Loads (Person = 80 kg)

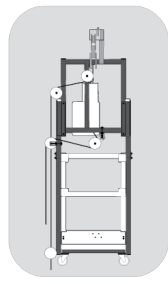
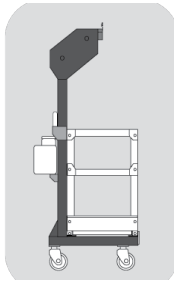
ALTA "S" WITH 2 END STIRRUPS

2 TIRAK™ X-820 P hoists (WLL 2 x 800 kg)

L (m)	Rated load (kg)	Number of persons	+ Load (kg)	Dead weight (kg)
2	280	2	+ 120	230
3	420	3	+ 180	250
4	560	4	+ 240	280
5	700	5	+ 300	300
6	840	6	+ 360	320
7	980	7	+ 420	350
8	1,120	8	+ 480	370
9	1,190	9	+ 550	390
10	1,170	10	+ 530	420
11	1,000	11	+ 360	440
12	800	12	+ 160	460
13	650	13	+ 170	490
14	550	14	+ 150	510
15	500	15	+ 100	530

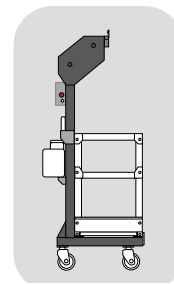
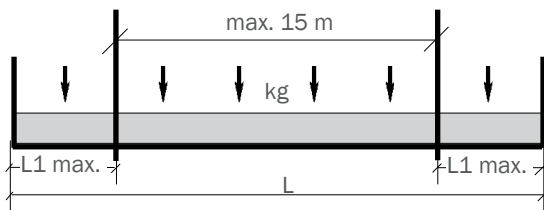
2 TIRAK™ X-1030 P hoists (WLL 2 x 1,000 kg)

L (m)	Rated load (kg)	Number of persons	+ Load (kg)	Dead weight (kg)
2	280	2	+ 120	240
3	420	3	+ 180	260
4	560	4	+ 240	290
5	700	5	+ 300	310
6	840	6	+ 360	330
7	980	7	+ 420	360
8	1,120	8	+ 480	380
9	1,260	9	+ 620	400
10	1,400	10	+ 760	430
11	1,000	11	+ 360	450
12	800	12	+ 160	470
13	650	13	+ 170	495
14	550	14	+ 150	515
15	500	15	+ 100	535



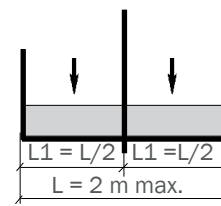
ALTA "S"

2 folding "C" stirrups or "frame" stirrups
2 TIRAK™ X-820 P hoists (WLL 2 x 800 kg)



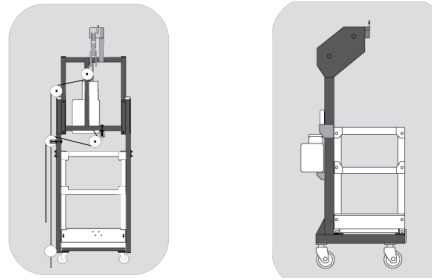
ALTA "S" MONO

1 folding "C" stirrup with fastening kit for BLOCSTOP™ BSO
1 TIRAK™ X-820 P (WLL 1 x 200 kg)



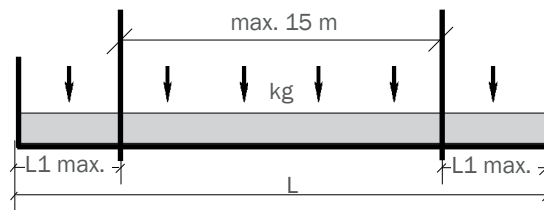
RATED Loads (👤 = 80 kg)

L (m)	Rated load (kg)	Number of persons	+ Load (kg)	Dead weight (kg)	Overhang	
					L1 (m)	Max. load (kg)
2*	280	👤👤	+ 80	170	1.0	👤 + 40
3	420	👤👤👤	+ 100	335	0.5	👤 + 40
4	560	👤👤👤👤	+ 160	360	0.5	👤 + 40
5	700	👤👤👤👤👤	+ 140	380	1.0	👤 + 60
6	840	👤👤👤👤👤👤	+ 200	400	1.5	👤👤 + 50
7	980	👤👤👤👤👤👤👤	+ 340	430	1.5	👤👤 + 50
8	1,020	👤👤👤👤👤👤👤👤	+ 380	450	1.5	👤👤 + 50
9	930	👤👤👤👤👤👤👤	+ 290	470	1.5	👤👤 + 50
10	830	👤👤👤👤👤👤👤	+ 190	500	1.5	👤👤 + 50
11	780	👤👤👤👤👤👤👤	+ 140	520	1.5	👤👤 + 50
12	750	👤👤👤👤👤👤👤	+ 110	540	1.5	👤👤 + 50
13	720	👤👤👤👤👤👤	+ 160	565	1.5	👤👤 + 50
14	700	👤👤👤👤👤👤	+ 140	585	1.5	👤👤 + 50
15	680	👤👤👤👤👤	+ 120	605	1.5	👤👤 + 50
16	650	👤👤👤👤	+ 170	635	1.5	👤👤 + 50
17	550	👤👤👤	+ 150	655	1.5	👤👤 + 50
18	500	👤👤	+ 100	675	1.5	👤👤 + 50



ALTA "S"

2 folding "C" stirrups or "frame" stirrups
2 TIRAK™ X-1030 P hoists (WLL 2 x 1,000 kg)



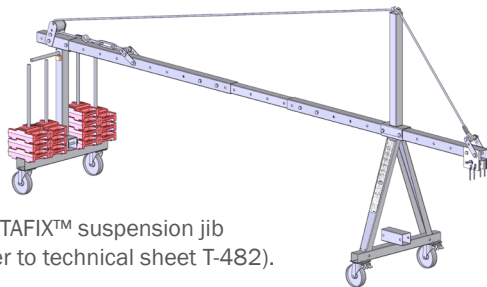
RATED Loads (👤 = 80 kg)

L (m)	Rated load (kg)	Number of persons	+ Load (kg)	Dead weight (kg)	Overhang	
					L1 (m)	Max. load (kg)
3	420	👤👤👤	+ 100	340	0.5	👤 + 40
4	560	👤👤👤👤	+ 160	370	0.5	👤 + 40
5	700	👤👤👤👤👤	+ 140	390	1.0	👤 + 60
6	840	👤👤👤👤👤👤	+ 200	410	1.5	👤👤 + 50
7	980	👤👤👤👤👤👤👤	+ 340	440	1.5	👤👤 + 50
8	1,120	👤👤👤👤👤👤👤👤	+ 480	460	1.5	👤👤 + 50
9	1,260	👤👤👤👤👤👤👤👤👤	+ 620	480	1.5	👤👤 + 50
10	1,400	👤👤👤👤👤👤👤👤👤👤	+ 760	510	1.5	👤👤 + 50
11	1,400	👤👤👤👤👤👤👤👤👤👤	+ 760	530	1.5	👤👤 + 50
12	1,000	👤👤👤👤👤👤👤👤	+ 360	550	1.5	👤👤 + 50
13	900	👤👤👤👤👤👤	+ 340	575	1.5	👤👤 + 50
14	850	👤👤👤👤👤	+ 290	595	1.5	👤👤 + 50
15	800	👤👤👤👤	+ 240	615	1.5	👤👤 + 50
16	650	👤👤👤	+ 170	645	1.5	👤👤 + 50
17	550	👤👤	+ 150	665	1.5	👤👤 + 50
18	500	👤	+ 100	685	1.5	👤 + 50

SUSPENSION

The ALTA "S" platform can be suspended from all types of suspension which are manufactured according to the current standards and recommendations. The EN 1808 stipulates a safety factor of 3 for anchor points and suspension structures.

TRACTEL® offers a complete range of suspension structures which can be fitted on different types of roofs:



PORTAFIX™ suspension jib
(refer to technical sheet T-482).

DOUBLE-DECK PLATFORM

The ALTA "S" platform can be easily transformed in a double-deck platform using especially designed attachment rods.



OPTIONS

Because of its modular design, the ALTA "S" platform can also be used in other configurations, tailored to each solution, for example:

- Three level platform
- Suspended platform with three or more suspension points
- Equipment for permanent installation on a building
- Platform working on a non-vertical plane
- Circular platform
- Platform fitted with manual hoists (tirfor® or scafor™), etc.

Please contact us for these non-standard configurations.

CONTACT

Tractel Secalt S.A.
12, Rue de l'Industrie • L-3895 Foetz
P.O. Box 75 • L-4001 Esch-sur-Alzette
Phone: (352) 43 42 42-1
Fax (352) 43 42 42-200
e-mail: secalt@tractel.com
www.tractel.com

Tractel Secalt S.A. reserves the right to change the specifications of the products and technical information mentioned on the present technical data sheet, at any time and without notice. Non contractual document. © Tractel Secalt S.A., 2019 All rights reserved.