



# Bronto Skylift S-HLA





Photo by Santeri Keränen, IAPA Photo of the year 2019

# The highest of truck-mounts

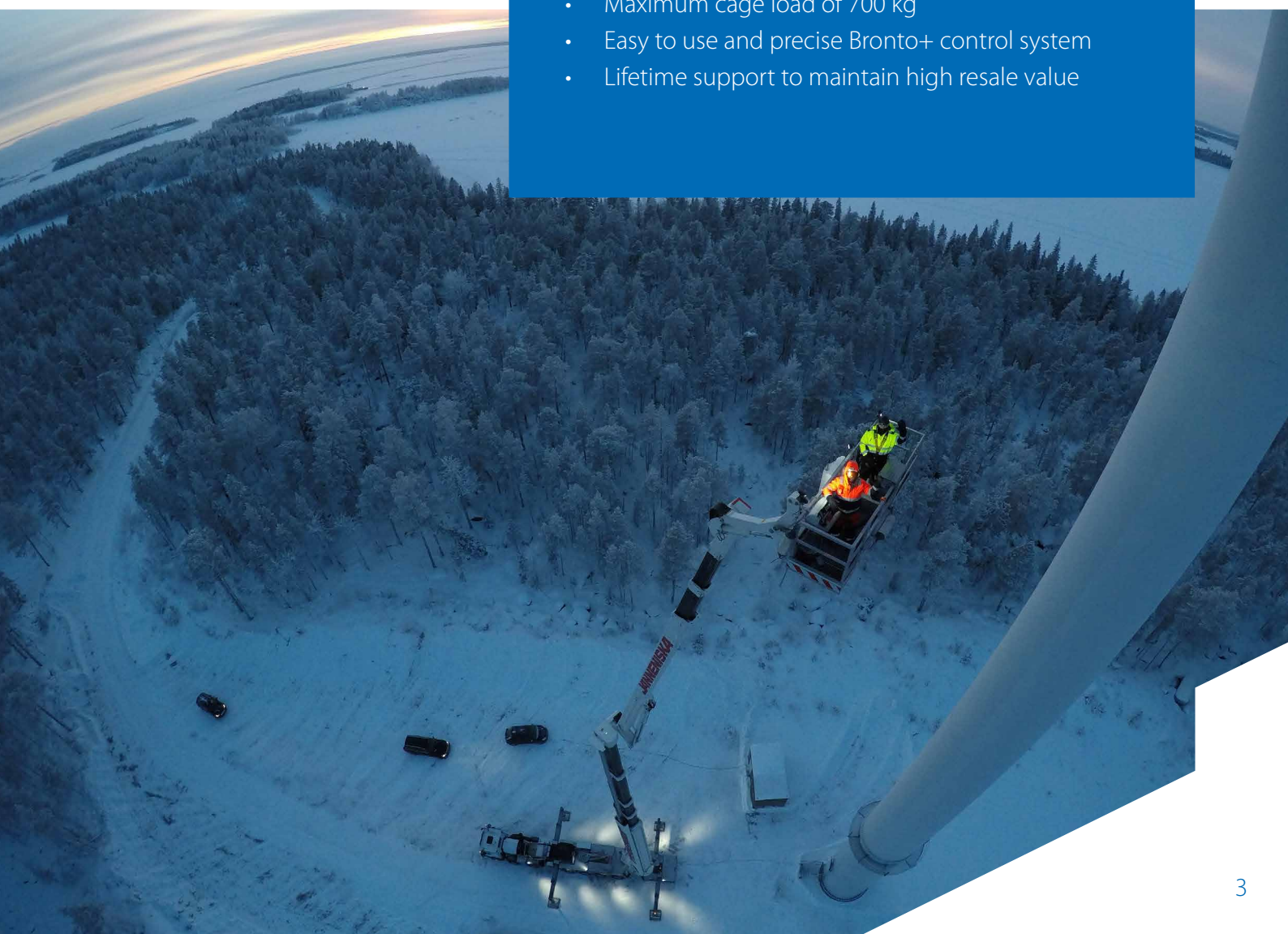
We believe in continuous improvements and are always aiming higher in our mission to provide the best solution for professionals working at heights. The HLA-range represents the ultimate in high rise access.

This range includes the world's highest truck-mounted platforms, offering maximum vertical and horizontal outreach combined with the best height-to-weight ratio on the market. The HLA provides secure stability and easy manoeuvrability in different conditions and environments.

It's not just about how high you can go, but also how safely you do it. And as always, your safety is of paramount importance. With Bronto Skylift platforms you can get where you need to be, and return home safely.

## HLA key features

- Working height from 90 to 112 meters
- Working outreach up to 33 meters
- Maximum cage load of 700 kg
- Easy to use and precise Bronto+ control system
- Lifetime support to maintain high resale value





Extremely reliable outreach, easy-to-use control system and precise movements.



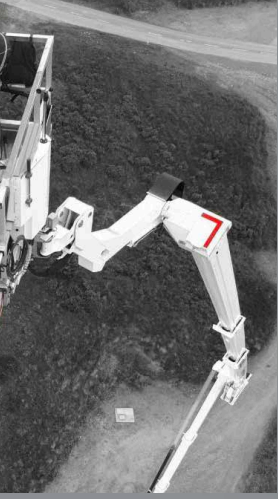
Unmatched cage at maximum height.



Rain, shine, wind or snow – made to last in all conditions.



Various options, from various cages and material handling devices to power outlets in the cage.



Large stability, even heights.



Short overhang, excellent approach angles and an efficient height-to-weight (GVW) ratio.

# RECORD

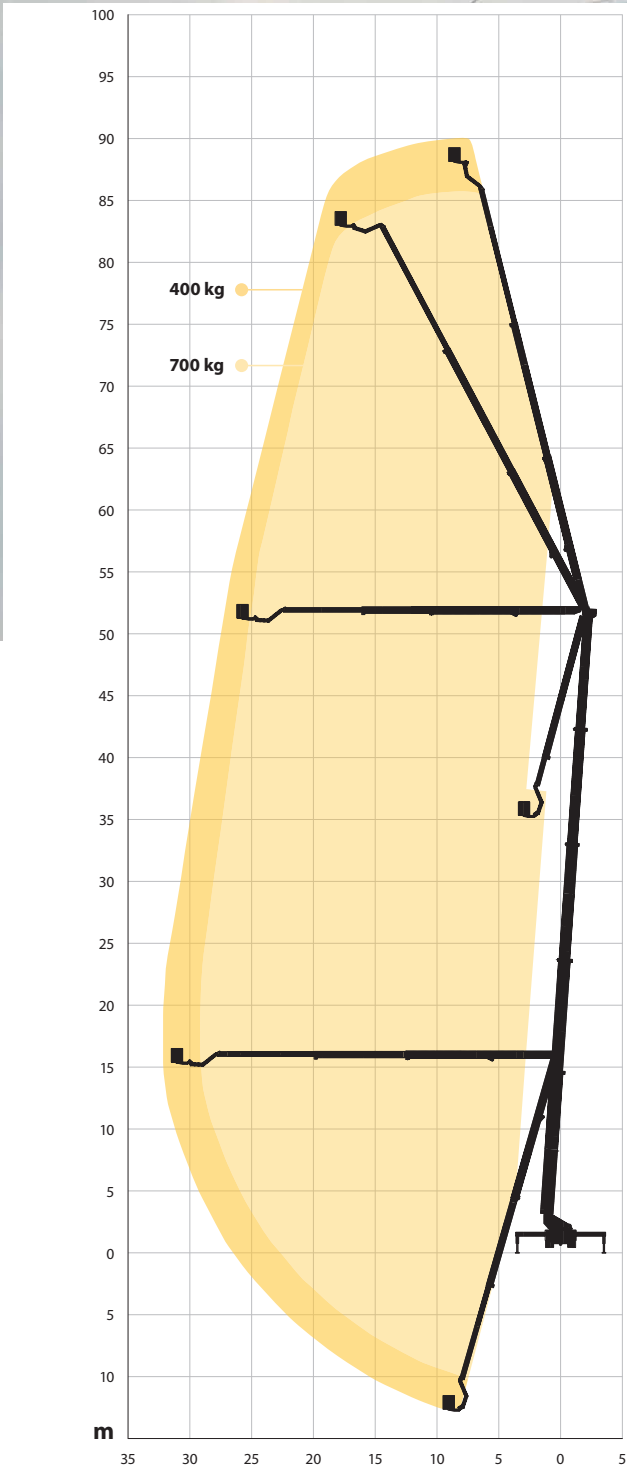
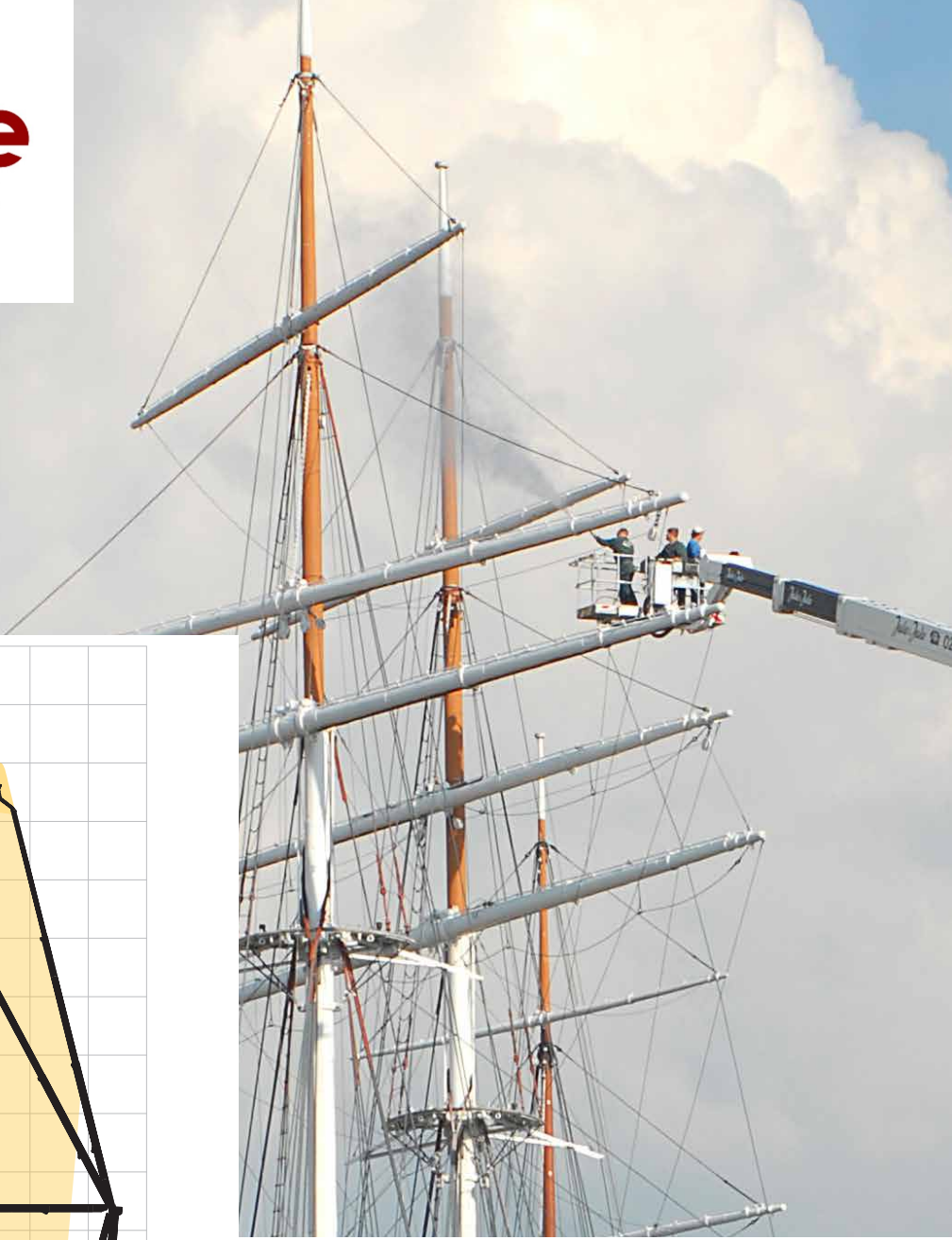


Fast and simple set-up. You get up in the air within minutes.



Modern service tools and a wide service network to guarantee the best possible uptime.





90 m



32 m



88 m



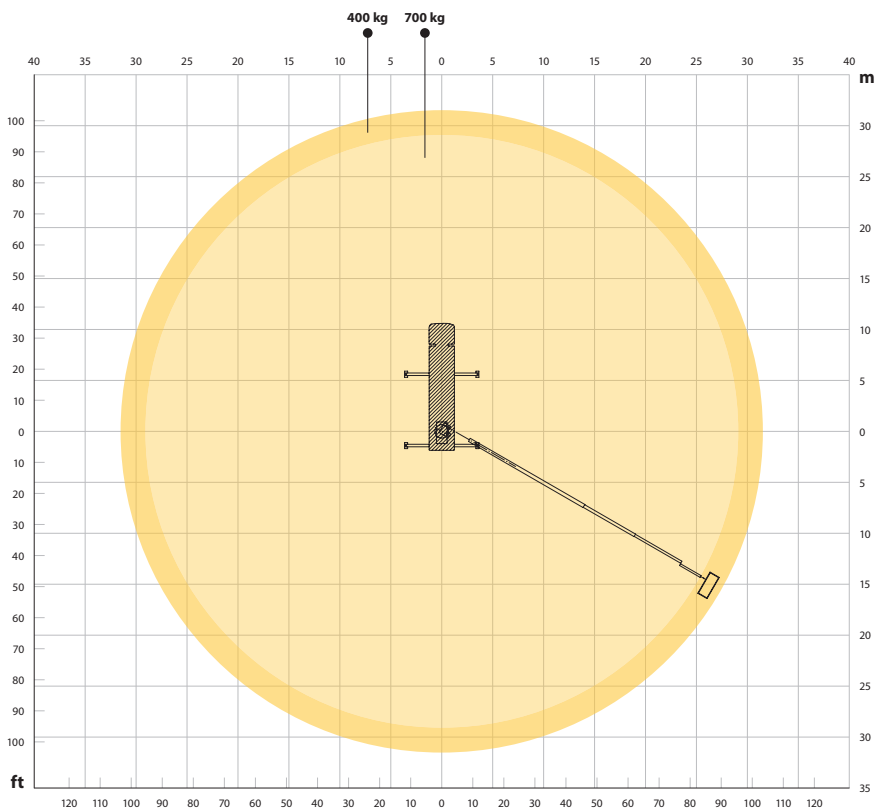
700 kg



1,1 x 2,4 m (3,7 m<sup>2</sup>)

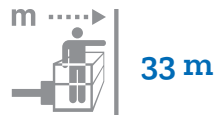
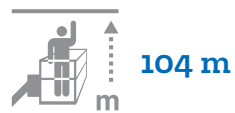
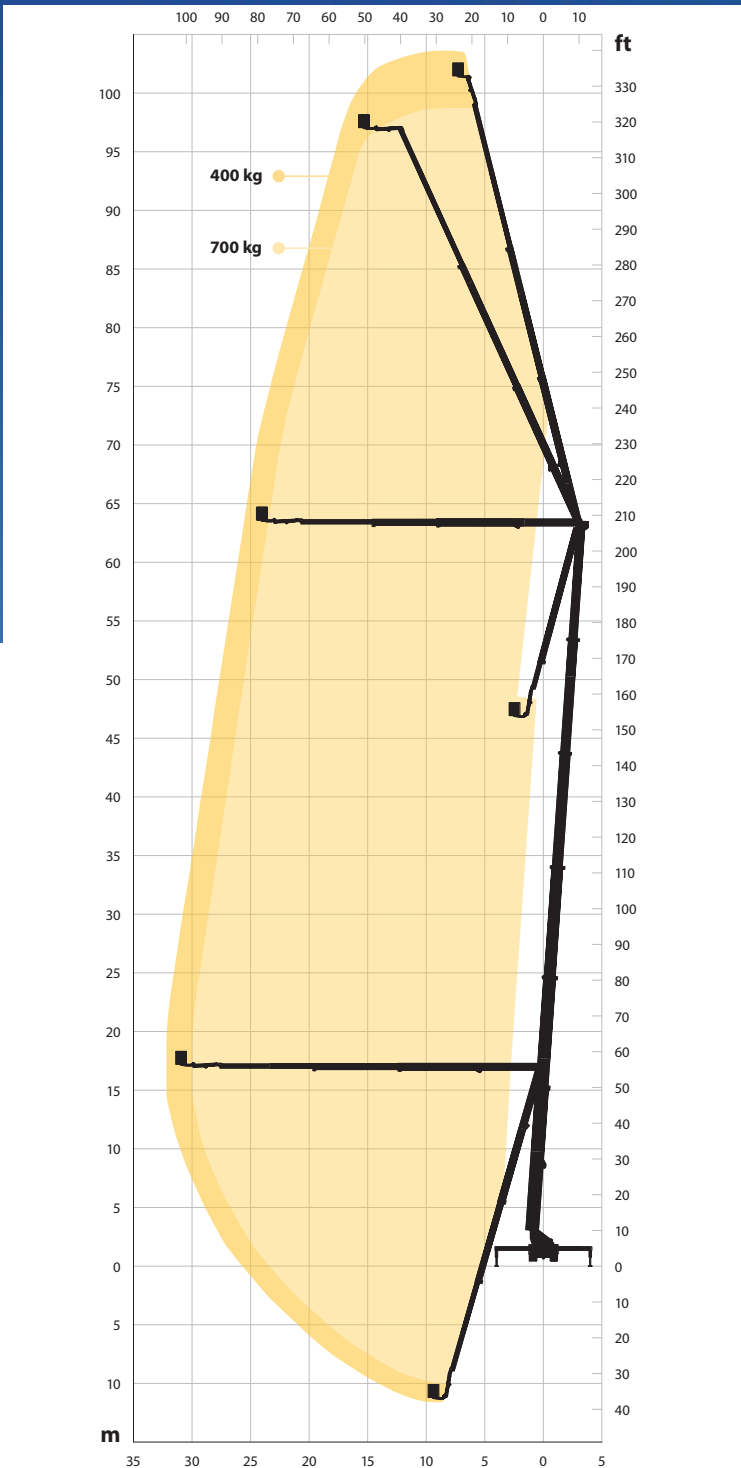
Diagrams presented with standard cage. Variations apply.

\* depending on chassis



Diagrams presented with standard cage. Variations apply.

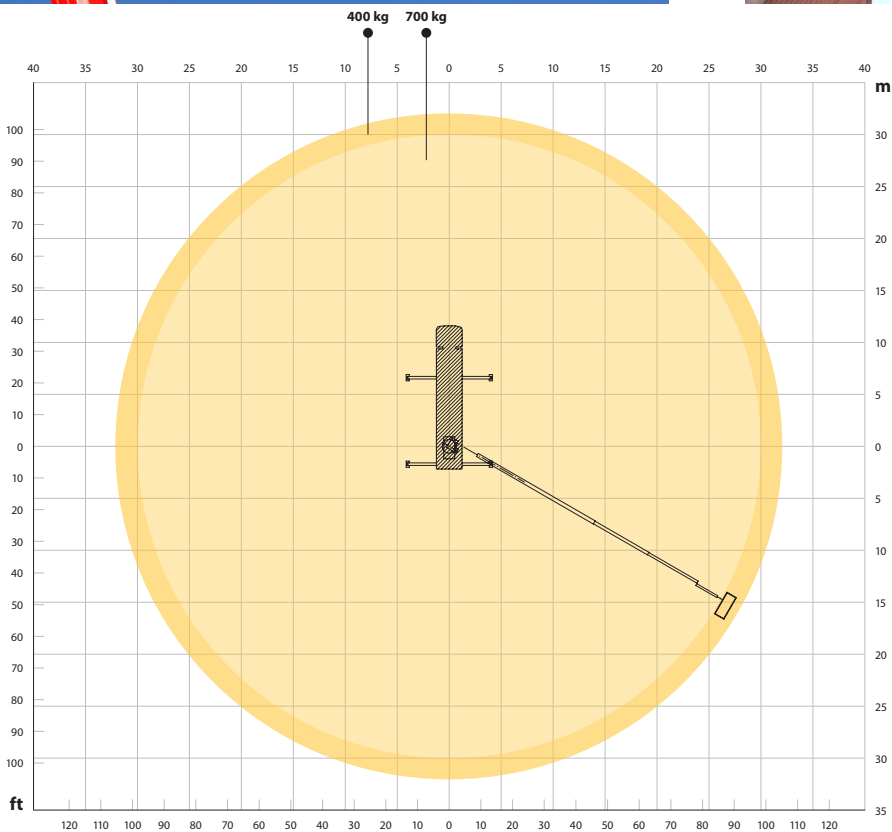
\* depending on chassis



Diagrams presented with standard cage. Variations apply.

\* depending on chassis





**2 x 90°**



**360°**



**4 \* m**



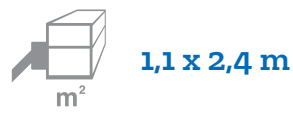
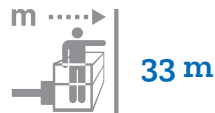
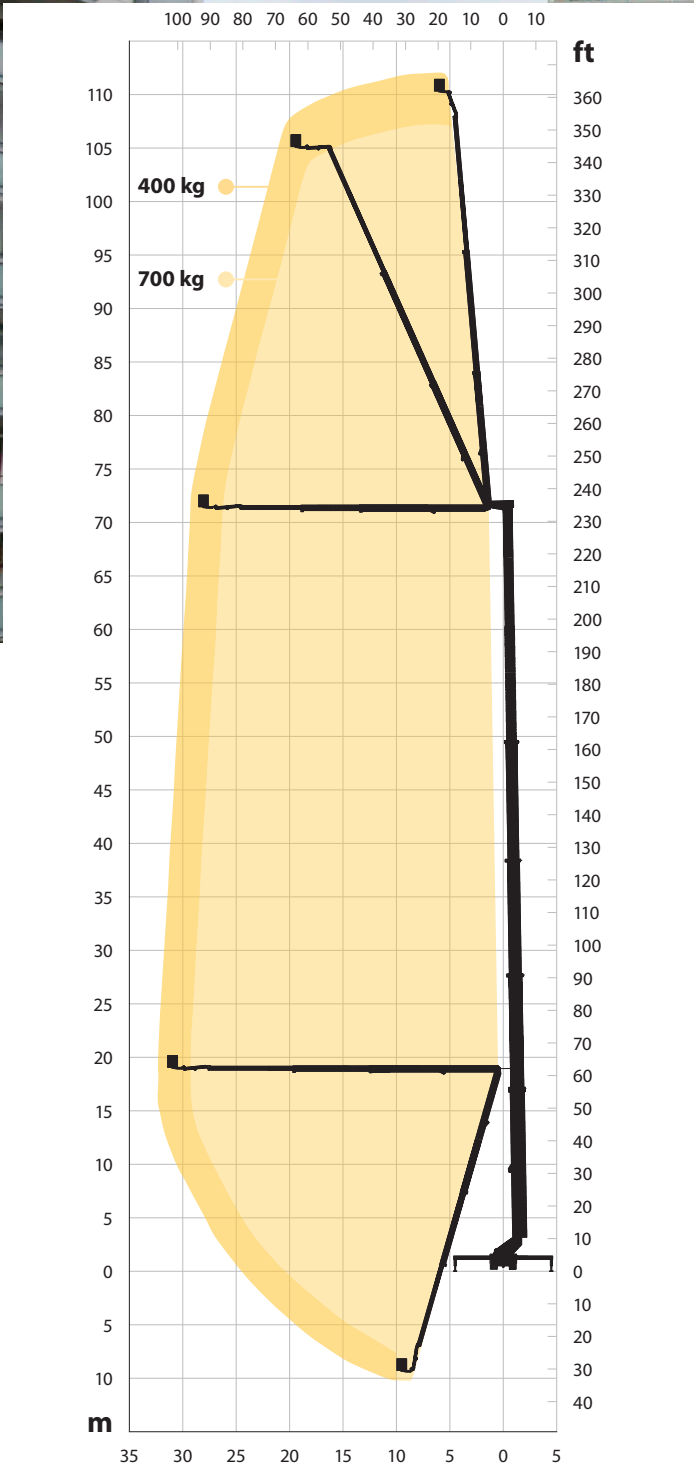
**16,3 m \***



**62 t \***

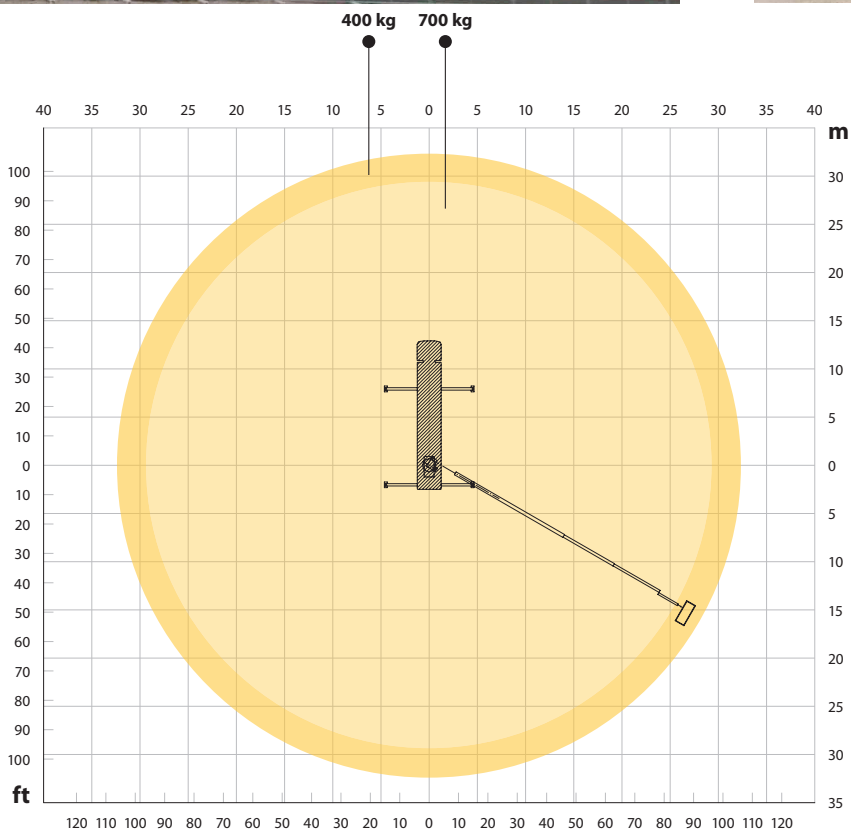
Diagrams presented with standard cage. Variations apply.

\* depending on chassis



Diagrams presented with standard cage. Variations apply.

\* depending on chassis



Diagrams presented with standard cage. Variations apply.

\* depending on chassis

Standard

Available

Not available

OPTIONS, SIMPLIFIED SELECTION	S XR	S XDT	S HLA	S EM
<b>DECKING AND STEPS</b>				
Aluminium sides on the decking				
Additional sidelights (Sidelights R48 ECE as std)				
Recessed foldable step, left/right				
Pull out step for rear of the platform, left/right				
Ladder type step with railings, left/right				
<b>LOCKERS AND SIDEPANELS</b>				
Complete locker for outrigger controls				
Tool box below decking				
Aluminum lockers with roller shutters				
Timber rack, mounted below decking				
<b>GROUND PADS AND BRACKETS</b>				
4 ground pads with aluminium brackets				
Conductive ground pads				
4 round ground pads insted of std pads				
<b>JACKING SYSTEM</b>				
Automatic, fully variable jacking				
Bronto Loadman for measuring the bearing capacity of ground				
Radio remote control for outriggers				
<b>BACK-UP SYSTEMS FOR HYDRAULICS</b>				
Petrol emergency back-up system by Kohler engine				
Petrol emergency back-up system by Kohler engine, electric start				
Diesel emergency back-up system by HATZ 1D81C silenced, electric start/stop				
Electric emergency back-up system by a battery pump				
Electric motor drive for the hydraulics				
<b>MAIN DRIVE ENGINES</b>				
Hydraulic pump driven by chassis' PTO				
Diesel engine HATZ 4H50TIC Semi-Silent				
<b>POWER/AIR/WATER SUPPLY AND OUTLETS</b>				
Electricity between turntable and cage, different voltages available				
Air/water supply between the turntable and cage				
Hydraulic outlets in the cage				
Hydraulic outlets and pressure intensifiers				
<b>INTERCOM AND RADIO</b>				
Intercom between the cage and ground control station				
<b>GENERATORS</b>				
Hydraulic generator with different power outputs				
<b>CAGES AND ACCESSORIES</b>				
Tree cutter fence for the cage				
Finger protection railing				
Ultra sonic collision guard with four sensors				
Cage rotation $\pm 220^\circ$ (S47XR only with std rotation $\pm 90^\circ$ )				
Safety harness attachment points (4pc) according to EN795				
Working cage 1,05 x 2,4 x 1,1 m, SWL 700 kg				
Extendable working cage 1,05 x 2,4 (-3,7) x 1,1 m, SWL 600kg				
Rotating camera cage				
Extendable working cage 0,9 x 2,4 (-3,4) x 1,1 m, SWL 350kg				
Working cage 0,9 x 2,04 x 1,1 m, SWL 500 kg				
Wide working cage 0,9 x 2,40 x 1,1 m, SWL 450 kg				
Lighting rig, SWL 300 kg				
RF Antenna rig, width 5,7 m, SWL 50kg				
Cage floor heating				
Working cage extension module, 1,0 m, capacity 100kg				
<b>MATERIAL HANDLING</b>				
Detachable winch in the working cage, SWL 400 kg, 2 fold out feet for the load (200kg/each)				
Element lifting system, capacity 150 kg.				
Mast section lifter, capacity 150 kg				
Boom winch at the end of the 1st boom, SWL 1300 kg (hoist not included)				
Boom winch at the end of the 1st boom, SWL 1100 kg (hoist not included)				
Intelligent lifting eye mounted on to the last section of the main boom, max. load 2200 kg				
<b>TURNTABLE CONTROL STATION</b>				
Full lower control station at the turntable				
<b>BRONTO+ CONTROL SYSTEM</b>				
Engine information and warnings on display				
Telecontrol or Compass remote connection (for warranty period, optional after that)				
Memory function, height and outreach limitations and different user profiles				
Wireless remote control for boom movements				
Service counter and reminders				
Continuous rotation 360°				
High Voltage detector				
<b>BEACONS AND LIGHTS</b>				
Various LED warning beacons and flashing lights				
Various working lights 24V				
<b>CHASSIS</b>				
Reversing camera with 7" color display in the cabin				
Battery charger (DEFA) 2x20A, suitable for battery sizes up to 500Ah				
<b>MISCELLANEOUS</b>				
Safety Rail System, one rail on one side, without harness or self-retracting reel				



## Added safety and efficiency

High safety does not decrease the efficiency, it does the opposite.

### Control system for added safety and ease

Safety is about creating a safer working environment. An advanced control system increases the safety on your worksites by letting you focus on the job at hand.

The unit includes the Bronto+ control system, which provides precise and stable movements and is very simple and smooth to operate.

Thanks to a geometry-based, fully automatic outreach control system, you can be sure of reaching your targets every single day, regardless of rain, shine or wind.

### Feel it in your fingers

The rugged HLA platforms will keep you steady and allow you to do the job you are up there for. Even at maximum height or outreach, the cage has unmatched stability.

To get the job done efficiently, in addition to a steady cage you need a control system that gets you close enough every time. The movements of a Bronto platform are extremely precise. Great performance and great heights, all at your fingertips.





## It's all about the uptime

With the Bronto Skylift service tools you can maximise your uptime and reduce maintenance cost.

### We back you up

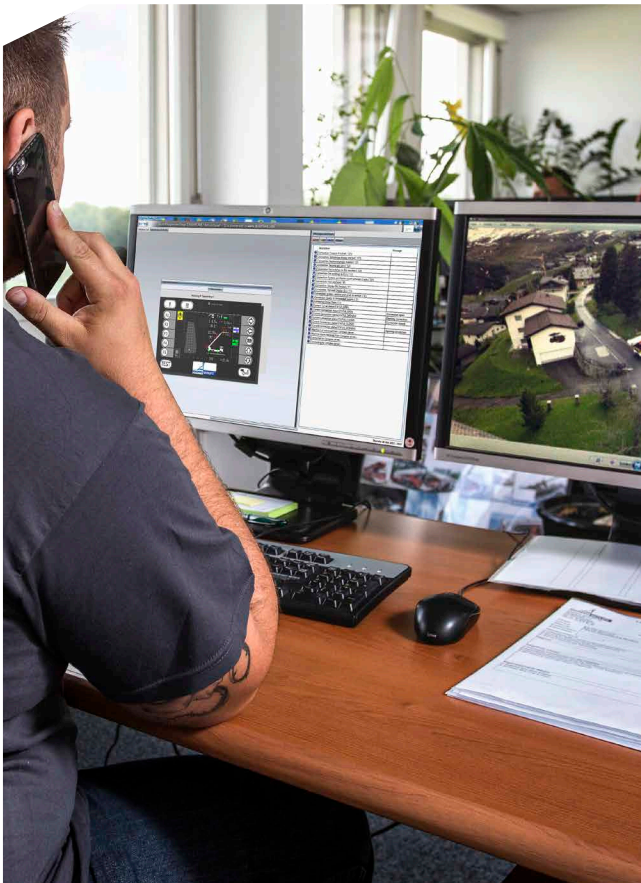
We want to keep your machines running with the best possible rate and keep their residual value. That's why we back you up from the first day through out the life cycle of your platform. When buying a new Bronto Skylift unit, you can trust that its spare parts are available for at least the next 25 years.

With the comprehensive training and service selection you can rest assured that your platforms are running at the best possible rate and keeping their residual value when it's time to renew your fleet. Widest service network in the industry keeps you backed up wherever you are.

### Service agreements

With Bronto Service agreement, you can be assured that your Bronto equipment is kept in the best possible shape for its entire lifecycle. The content of our mutual agreement is fully customised according to your needs and wishes.

This covers the annual inspections and service visits, but it can also be expanded to include other services such as more detailed inspections, other maintenance activities, and spare parts.





# Advanced IoT for steady performance

Connection between the platform and the database enables smooth, transparent communication.

## Skyliftfleet - manage your platforms

Skyliftfleet is a web-based portal and all important manuals, information and, for example, service bulletins are stored here for easy access. There are different sections for different needs and it's possible to select different views for different people or organisations.

## Bronto Compass

Bronto Skylift Service personnel can open a remote connection to the platform with Bronto Compass. It enables real time communication with the machine for various settings, calibration, analysing and fault finding. With this tool, faults and their causes can be rapidly identified, analysed and corrected, which reduces downtime and unnecessary costs.

The screenshot shows the Bronto Skylift Skyliftfleet.com web application. The top navigation bar includes 'My fleet', 'Manager', 'Service', 'Instructions' (highlighted), and 'Fleet'. Below the navigation bar, there is a search bar for instructions and a 'Selected platform' section with input fields for Platform, Serial number, Name, Base, and Company. To the right, there is an 'Available languages' section with a button for 'EN'. The main content area is divided into two columns: 'General instructions' and 'Service related documents'. Each column contains a list of documents with their titles, release dates, and versions.

General instructions	
Additional equipment instructions Release date: 2015-07-04 Ver: 1.0	364.6 kB
Safety instructions Release date: 2015-07-04 Ver: 1.0	3.0 MB
Operating instructions Release date: 2015-07-04 Ver: 1.0	9.3 MB
User manual Release date: 2016-05-05 Ver: 1.1	30.2 MB

Service related documents	
Hydraulic cylinders Release date: 2015-07-04 Ver: 1.0	745.9 kB
Periodical service schedule Release date: 2015-07-04 Ver: 1.0	1.3 MB
Hydraulic charts Release date: 2015-07-04 Ver: 1.0	577.6 kB
Spare parts Release date: 2015-07-04 Ver: 1.0	6.2 MB
Limit switches and sensors Release date: 2015-07-04 Ver: 1.0	3.8 MB
Electric charts Release date: 2016-05-05 Ver: 1.1	2.2 MB

Bronto Skylift is a trusted global supplier of truck-mounted hydraulic platforms. We design, manufacture, sell and service appliances for rescue and firefighting, as well as for industrial access.

Our product range includes approximately 50 models with a range of 17 to 112 metres of working height. The advanced modularity also allows for numerous client-specific modifications. During the past 50 years, we have delivered over 7,000 platform units to fire brigades and industrial customers throughout all the continents in more than 120 countries.

Our headquarters and production plants are situated in Finland. We also have subsidiaries in Germany, Sweden, Switzerland and the US. The company is part of the Japan-based Morita Holdings Corporation.

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Technical data and illustrations subject to change without notice.

[www.brontoskylift.com](http://www.brontoskylift.com)