



# 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.



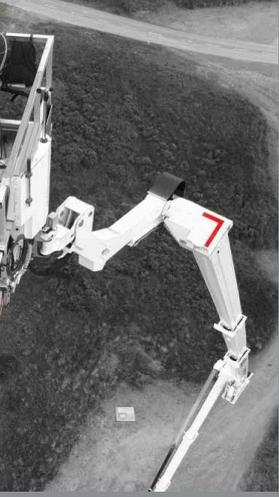
Unmatched cage at maximum height.



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

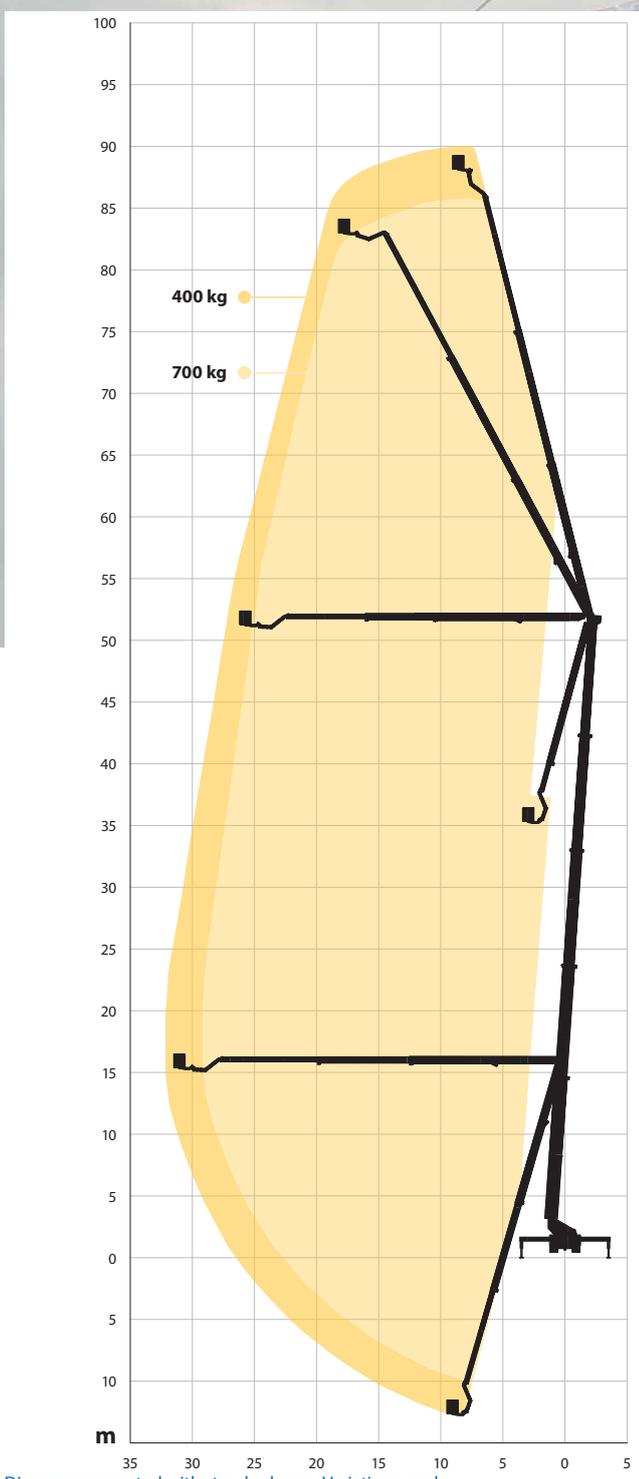


Fast and simple set-up. You get up in the air within minutes.



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

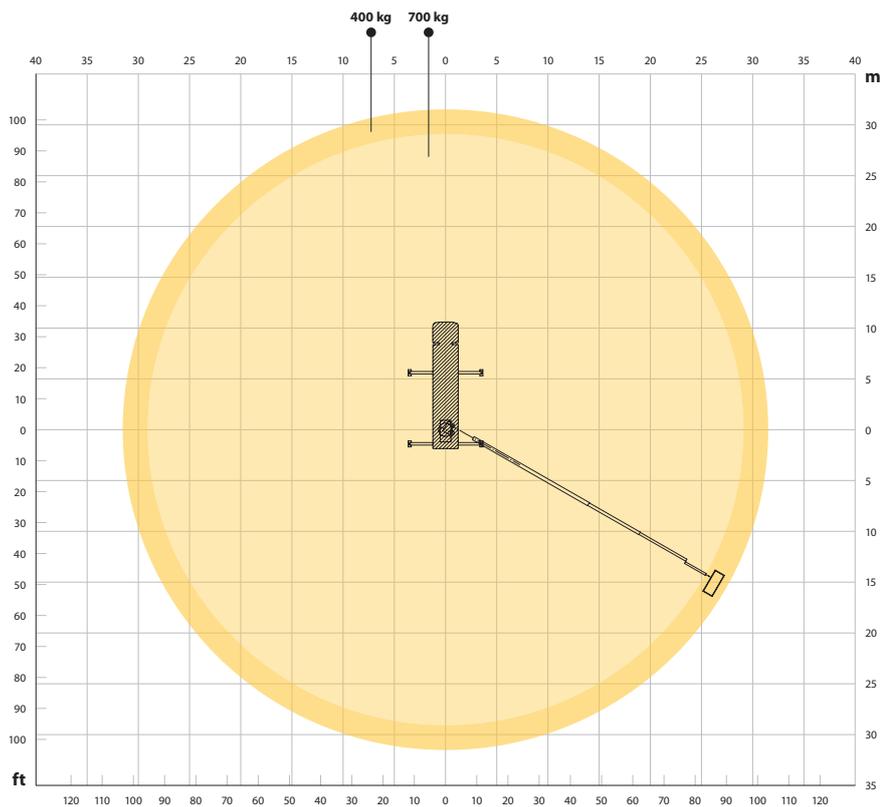




- 
90 m
- 
32 m
- 
88 m
- 
700 kg
- 
1,1 x 2,4 m (3,7 m<sup>2</sup>)

Diagrams presented with standard cage. Variations apply.

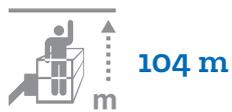
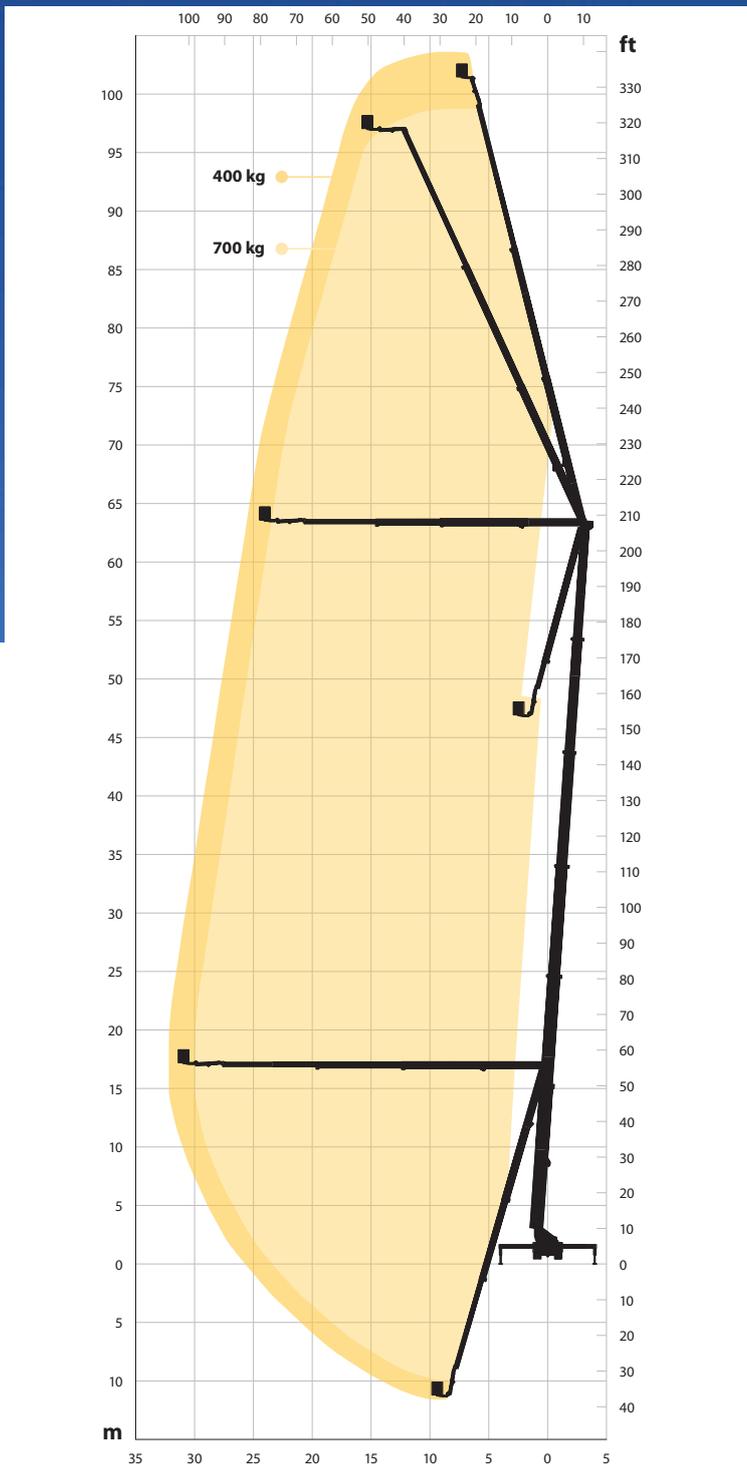
\* depending on chassis



Diagrams presented with standard cage. Variations apply.

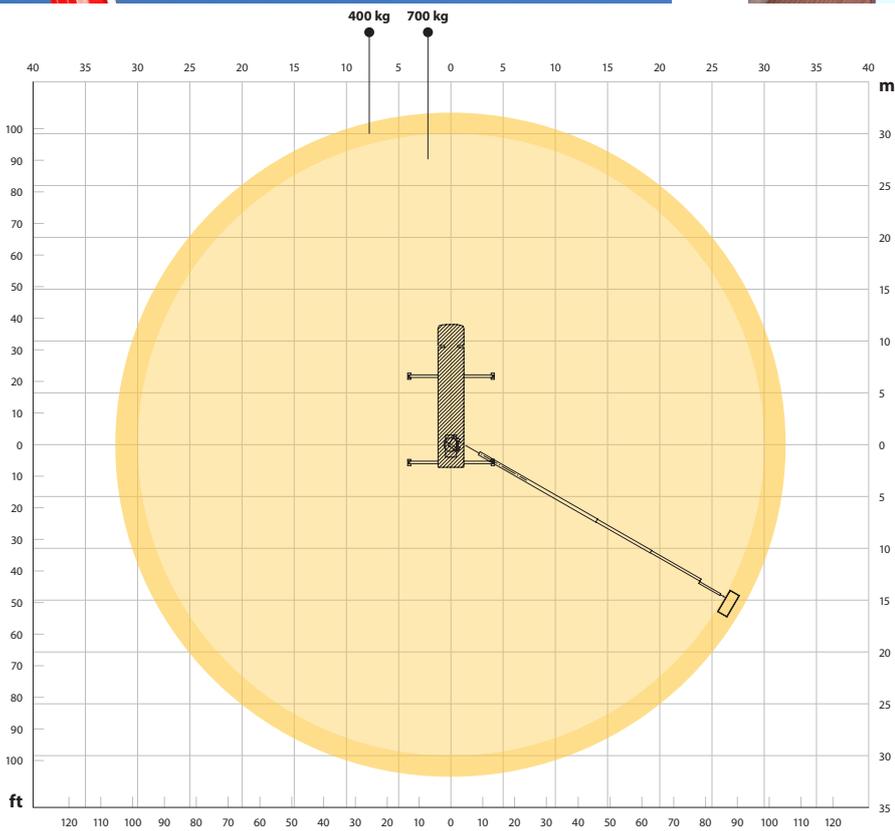
\* depending on chassis

**S104HLA**



Diagrams presented with standard cage. Variations apply.

\* depending on chassis



2 x 85°



360°



4 \* m



16,3 m \*

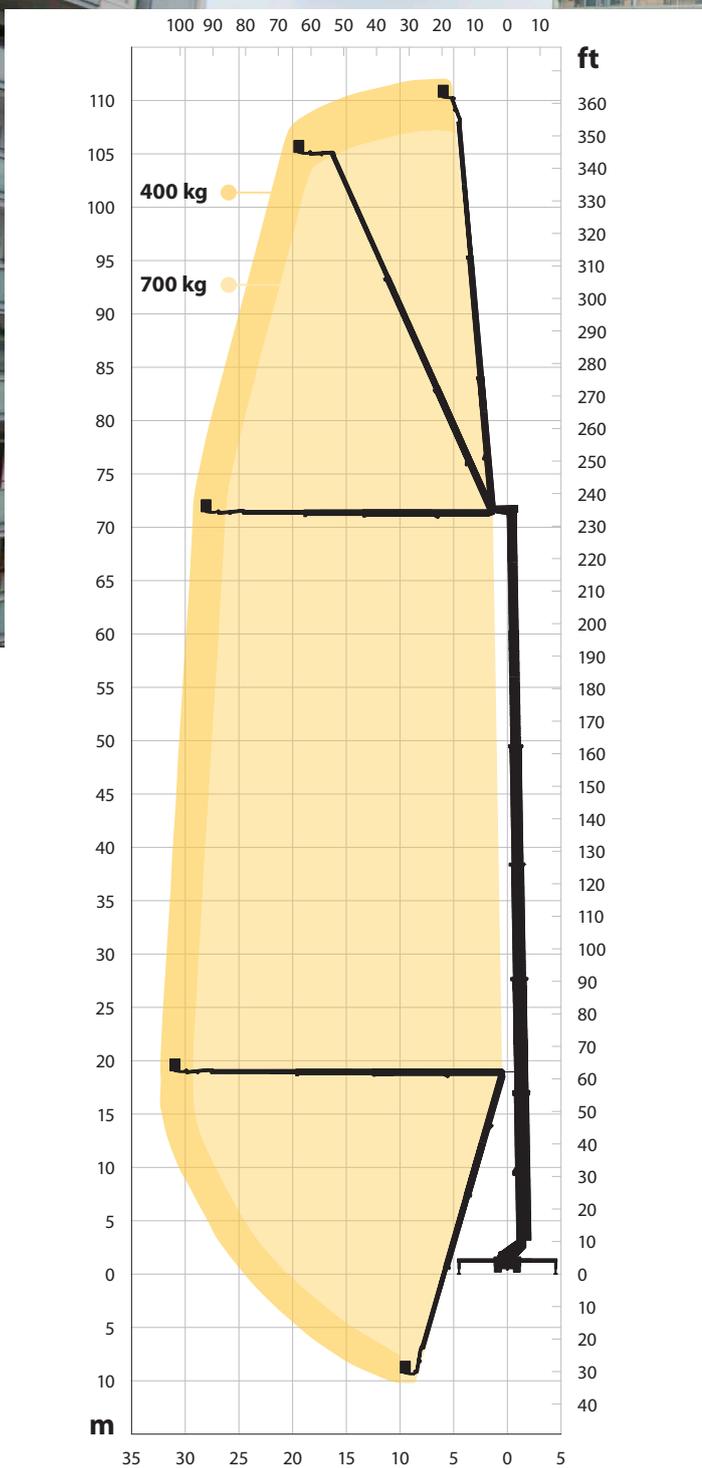
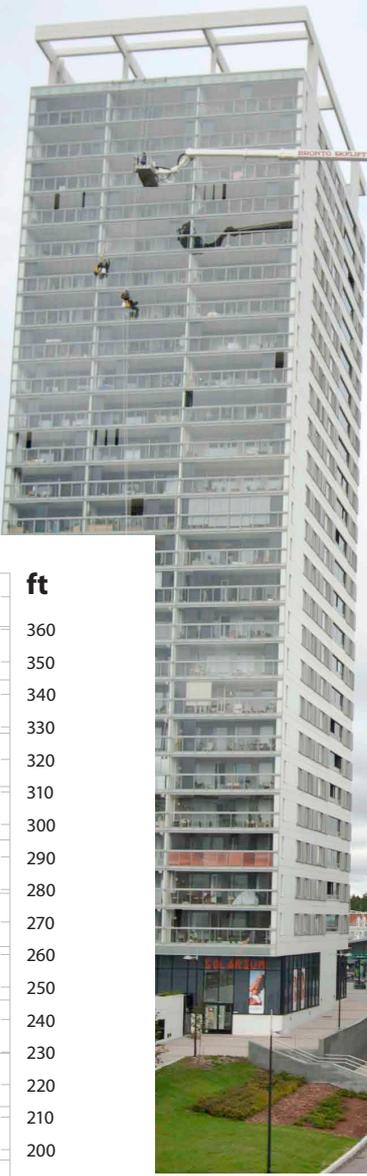


62 t \*

Diagrams presented with standard cage. Variations apply.

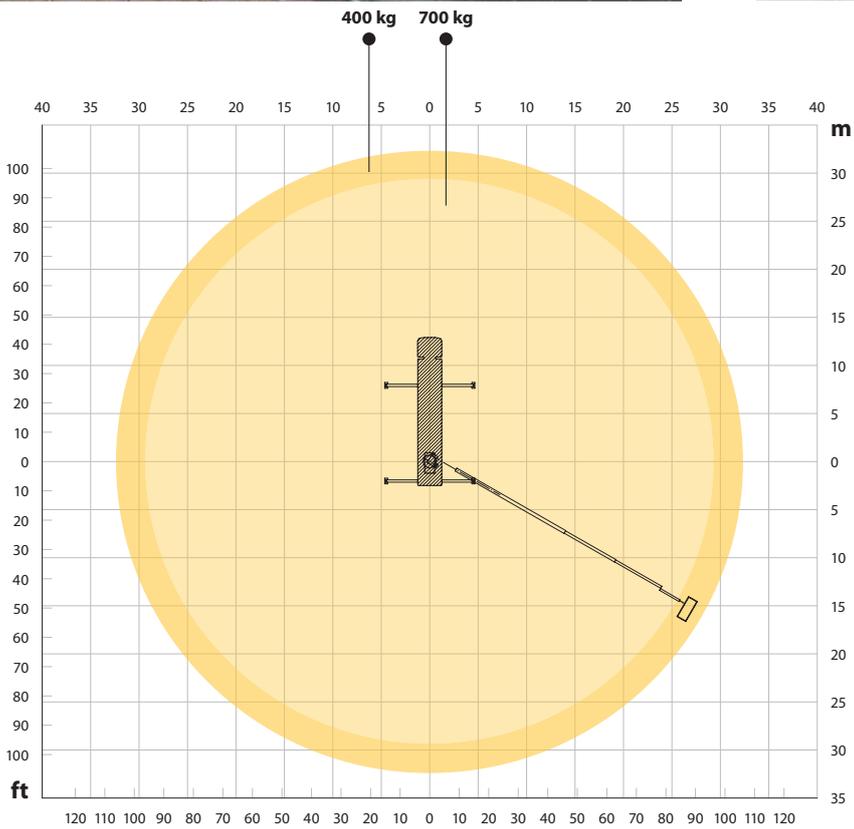
\* depending on chassis

**S112HLA**



Diagrams presented with standard cage. Variations apply.

\* depending on chassis



 **2 x 85°**

 **360°**

 **4 m \***

 **19 m \***

 **74 t \***

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				
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

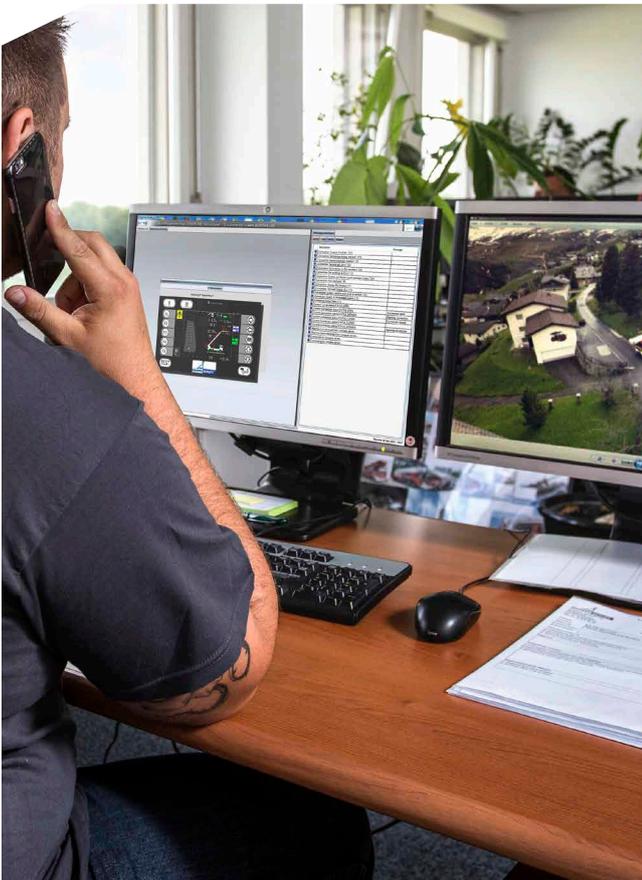
We want your machines to run at the best possible rate and keep their residual value. That's why we back you up from the first day throughout your platform's life cycle. When buying a new Bronto Skylift unit, you can trust that its spare parts will be available for at least the next 25 years.

### Advanced remote support

We may not always be there with you, but we are always there for you. When you need accurate real-time problem-solving in an unexpected situation, a versatile remote diagnostics system allows our service professionals to open a connection with your Bronto. Faults and their causes can then be rapidly identified, analysed and corrected, limiting downtime and reducing unnecessary costs.

### Service agreements

With the Bronto Service agreement, you can be sure your Bronto equipment is kept in the best possible shape for its entire life cycle. The content of our mutual agreement is fully customised according to your needs and wishes. The widest service network in the industry keeps you backed up wherever you are.



# Bronto One

Do you want to use your data to make knowledge-based business decisions? Bronto One, a new service, gives you a full visual overview of your resources, performance and abilities. You can always access the information you need, right when you need it.

## **One for all, all for you**

All Bronto aerals equipped with a modem are fully connected to Bronto One. However, fleets often include other types of equipment, and having only one manufacturer's unit in your fleet management system is like trying to complete a puzzle without all the pieces. Bronto One welcomes every manufacturer's units and equipment, so it really does provide a full picture of your fleet. As Bronto One has an open interface, it can also be easily integrated with other systems.

## **Optimise equipment use and resources**

Bronto One organises data from your equipment into easy-to-read graphs and charts. You can easily monitor equipment usage, locations, and performance – then use the data to make your operations more productive. Manage your customers, orders, schedules, work sites, personnel and fleet in one single system and with one view. Optimise your resources and fleet usage and increase the efficiency of your organisation.

## **Plan your work sites and equipment service**

Plan your work sites in advance and collect all essential information from each site in one place. You can now keep all service information in one place and make it available to all your service personnel: manuals, inspections, and a solid digital service history of each piece of equipment.

## **Help your team perform and get support**

Bronto One's digital document management collects all your team's available and completed training sessions, training materials, and certificates in one place. This makes it easy to create training plans to keep your team's competencies up to date. If you have an issue or you have faced an unexpected situation with a Bronto platform, you always have access to a solution centre with hundreds of solution articles and guidances for various situations.

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.

[sales@brontoskylift.com](mailto:sales@brontoskylift.com)

Technical data and illustrations subject to change without notice.

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