

## THE ULTIMATE REACH - 101 METERS



Fig. 1. Bronto Skylift's new 101 meter unit.

### Bronto Skylift launches a 101 meter unit

As reported in international press last year Bronto Skylift launches – again – the world's highest truck mounted rescue and fire fighting platform. The 101 m unit is the latest member of the famous HLA range, now covering the working heights from 69 to 101 meters. The HLA stands for High Level Articulated and represents the ultimate in high rise rescue and fire fighting capability. It goes higher and further than any other rescue and fire fighting vehicle.

### Main operating data

Max. working height (depending on transportation height).....	101 m
Max. height to working cage bottom (depending on transportation height).....	99 m
Max. working outreach.....	28 m
Working outreach at all heights from ground level to 65 m above ground level, approx.....	23 m
Max. working reach below the ground level.....	7,8 m
Safe working load (without water discharge).....	400 kg
Max. nominal water discharge capacity (with adequate supply pressure).....	3800 l/min
Rotation, continuous.....	360°
Transport height.....	4,0 m
Transport length.....	17,1 m
Typical weight with chassis, G.V.W. (standard specification).....	62 t



Fig. 2. Maximum working height is 101 meters.

## BRONTO SKYLIFT LAUNCHES A 101 METER UNIT

### Bronto Skylift, the Market Leader

- by Experience: over 5000 aerial appliances in operation all over the world
- by Variety: over 30 different models with working heights from 16 to over 100 meters
- by Technology: the best weight-height ratio based on advanced plasma welding methods
- by Operational Versatility: high degree of customization, over 2000 optional features available

# Above all...

## The special features of F 101 HLA

Thanks to its relative low GVW of only 62 tonnes and it being mounted onto a 6-axle commercial truck chassis (with less than 4 meter transport height) instead of a trailer or special crane carrier, the unit has excellent manoeuvrability and drivability, making swift road transport possible, but giving access to high rise buildings. If required by the customer it is also possible to mount the unit onto 5-axle all-wheel drive crane carrier.

Setting up and operating is fast and convenient, thanks to features like H-type outriggers with only 8 meters total jacking width, automatic (all jacks simultaneously) jacking, automatic levelling, full secondary control at the turntable, automatic erection and automatic drive into transport position. The integrated waterway facilitates immediate and efficient extinguishing.

One of the most important features of the F 101 HLA is without doubt the Bronto Skylift Bronto+ control system, which is geometry based and (unlike any other control system on the market) gives exactly identical outreach under all circumstances, regardless of external influences: temperature, dynamic forces, friction, etc. Fault finding and full remote diagnostic system (Bronto TeleControl) is part of the standard delivery.

The Bronto Skylift F 101 HLA gives maximum work efficiency and return on investment

- Best height/weight (GVW) ratio on the market
- Fast movements due to a generously dimensioned hydraulic system
- High cage load of 400 kg unrestricted at all heights



Fig. 3. The first 101 m has been built for the Belgian rental company Maes. The unit is mounted onto Mercedes Benz 6258 Actros 12X4 chassis.



Fig. 4. F 101 HLA has excellent manoeuvrability and drivability.



Fig. 5. F 101 HLA has the working outreach of 28 meters.

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**BRONTO SKYLIFT OY AB**  
 Teerivuoorenkatu 28  
 FIN-33300 TAMPERE  
 Finland  
 Tel +358 3 272 7111  
 Fax +358 3 272 7300  
 www.bronto.fi

**BRONTO SKYLIFT AB**  
 Effektivvägen 14  
 S-19637 KUNGSÄNGEN  
 Sweden  
 Tel +46 8 5816 6040  
 Fax +46 8 5816 6035  
 www.bronto.se

**BRONTO SKYLIFT AG**  
 Ifangstrasse 111  
 CH-8153 RÜMLANG  
 Switzerland  
 Tel +41 1 818 8040  
 Fax +41 1 818 8050  
 www.bronto.ch

**BRONTO SKYLIFT GmbH**  
 Im Lehrer Feld 9  
 D-89081 Ulm / Donau  
 Germany  
 Tel +49 731 1899 7880  
 Fax +49 731 1899 78850  
 www.bronto-skylift.de

