



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) 38	300 l/m	nin
Rotation, continuous	36	50°
Transport height	4,0	m
Transport lengt	17,1	m
Typical weight with chassis, G.V.W. (standard specification)	6	2 t



Fig. 2. Maximum working height is 101 meters.

BRONTO SKYLIFT LAUNCHES A 101 METER UNIT

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

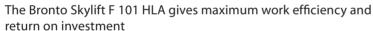
Thanks to its relative low GVW of only 62 tonnes and it being mounted onto a 6-axle commercial truck chassis (with less than 4 meter transport height) instead of a trailer or special crane carrier, the unit has excellent manoeuvrability and drivability, making swift road transport possible, but giving 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.



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



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

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