

# B42

## Fully automatic hydraulic fire fighting platform



### B42 / Demo

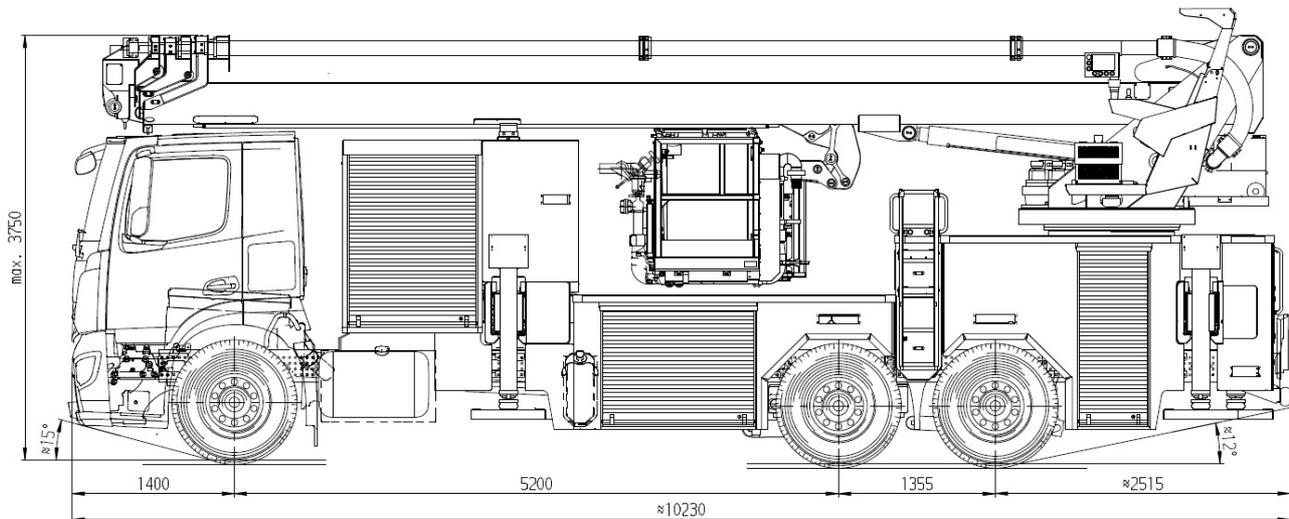


### Technical Data

<b>Chassis</b>	Type	Mercedes-Benz 2543 Antos
	Performance	428 hp (315 kW), Euro 6
	Gearbox	semi-automatic
	Drive/wheelbase	6x2*4, with steerable rear axle, 5,200 + 1,355 mm
	Tyres (front, rear)	385/55 R 22.5; 315/70 R 22.5
	Suspension	front: air, rear: air
<b>Cabin</b>	Crew/type	1+1, short, with low roof
<b>Bodywork</b>	Type	aluminium safety bodywork with 6 locker rooms with roller shutters, colour: RAL 3000
<b>Jacking system</b>	Type	horizontal-vertical, infinitely variable, with ground pressure control
	Jacking width	min. 2.50* m, max. 5.50 (C-C) m
<b>Main control panel</b>	Type	main control stand „BASIC PLUS“ with roof, at the left side of the turning frame
<b>Boom</b>	Type	4-section telescopic main boom + 1-section cage boom. Main boom with 2 elevation cylinders., colour: RAL 9010 (white)
	Height	working height: 42 m, cage floor height: 40 m
	Control system	CAN bus
	Lifting capacity	lifting eye at the base section of the main boom: 2.000 kg, lifting eye at the top section of the main boom: 1.000 kg (at 15 m extension length), operated by means of crance function
<b>Rescue cage</b>	Type	spacious cage made of aluminium, with fold-down platform at the front, suitable for wheelchairs, cage load: 600 kg with empty cage. Capacity approx. 550 kg (5 persons with equipment), depending on how the cage is equipped
	Accesses	3 accesses, thereof 1 at the front and 2 at the rear. All accesses are accessible in upright position (with BAs)
<b>TWS</b>	Type	Telescopic Waterway System (TWS) to supply extinguishing agent to the rescue cage (via three way swivel and water telescope alongside the boom), capacity TWS: up to 4800 l/min
<b>Water monitor</b>	Type	Akron Streammaster, remote-controlled from the main control panel and the cage
<b>Stretcher support</b>	Type	on the cage floor, easy to slide-in, capacity: 250 kg, combi-type, i.e. also suitable for basket-type stretchers
<b>Electrics</b>	Power	power supply 24 V / 230 V / 400 V to the cage, protected in the boom
	Generator	portable generator, stowed at the turning frame, Portable generator Rosenbauer RS14 Super Silent, 14 kVA
<b>Weight</b>	Max. permissible	total 26,0 t, thereof front axle: 9,0 t, thereof rear axle(s): 19,0 t
	Actual	22,3 t (empty, when delivered)
<b>Dimensions</b>	L x w x h	10,550 mm x 2,550 mm x 3,750 mm

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### Further Equipment

- colour display in the cabin
- 2 x back-up light halogen at the mirrors
- colour displays at the jack control panels
- 2 LED-beacons in aerodynamic shape on the cabin roof
- LED lights at the front
- reverse camera at the vehicle's rear, indication at the Metz display in the cabin
- audible warning system
- compressed air warning signal, type Martin
- back-up warning signal, audible, with switch-off function
- intercom system between main control panel and cage
- remote diagnosis system „service4fire.com“
- Portable generator Rosenbauer RS14 Super Silent, 14 kVA, stowed at the turning frame
- remote start/stop of the generator and status indication
- locker room illumination with LEDs
- area illumination lights in acc. with EN1846T2, with LEDs
- chassis lights at the rear as LED version
- main control panel with adjustable seat heating
- automatic return of the boom to the boom headrest
- ARF (Automatic-Return-Function)
- TMS (Target-Memory-System)
- VRS (vertical-rescue-system)
- spray nozzles at the cage to protect persons and cage
- fixation for the cage for descending device (e.g. Rollgliss)
- 2 LED-lights at the cage front
- 2 x 230V/130 watt LED floodlights, each one on the left and right side of the cage
- 2 x 230 V / 1000 W floodlights, integrated in the cage floor, shining downwards
- anemometer at the cage
- 24 V emergency operation, driven by the vehicle's batteries



### Contact

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