

# ROSENBAUER B45

Fully automatic hydraulic fire fighting platform



B45 acc. to EN 1777 / A1Z0016

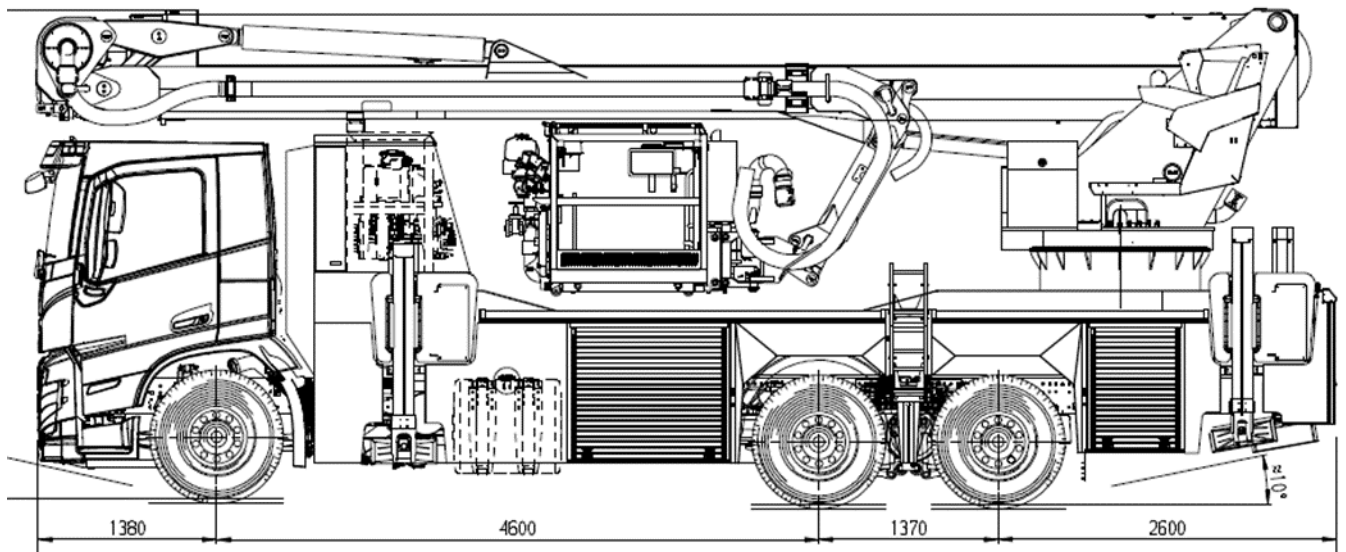


## Technical Data

<b>Chassis</b>	Type	VOLVO FM 500 6x2
	Performance	510 hp (375 kW), Euro VI
	Gearbox	semi-automatic
	Drive/wheelbase	6x2*4, with steerable rear axle, 4.600 + 1.370 mm
	Tyres (front, rear)	385/55 R 22.5; 315/70 R 22.5; 315/70 R 22.5
	Suspension	front: leaf, rear: air
<b>Cabin</b>	Crew/type	1+2, standard, with low roof
<b>Bodywork</b>	Type	aluminium safety bodywork HLM with integrated lighting with 4 locker rooms with roller shutters, colour: RAL 3000
<b>Jacking system</b>	Type	horizontal-vertical, infinitely variable
	Jacking width	max. 6,6m (6,30m C-C)
<b>Main control panel</b>	Type	main control panel M500 at the left side of the turning frame
<b>Boom</b>	Type	4-section telescopic main boom + 2-section cage boom. Main boom with 2 elevation cylinders., colour: RAL 9010 (white)
	Height	working height: 45 m, cage floor height: 43,3 m
	Control system	CAN bus
<b>Rescue Ladder</b>	Type	a telescopic rescue ladder is permanently mounted along the boom
<b>Rescue cage</b>	Type	spacious cage made of aluminium, with fold-down platform at the front, suitable for wheelchairs, Cage with enlarged length 1,2m, 500 kg (5 Personen)
	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 3800 l/min
<b>Water monitor</b>	Type	Elkhart Cobra EXM monitor, including plug-on foam pipe, remote-controlled from the main control panel and the cage
<b>Stretcher support</b>	Type	Can be placed on the cage side and on the cage floor, capacity: max. 250 kg
<b>Electrics</b>	Power	power supply 230 V / 400 V to the cage, protected in the boom
	Generator	hydraulically driven, position in frame, capacity 7 kVA, remote start/stop of the generator
<b>Weight</b>	Max. permissible	total 26,0 t, thereof front axle: 8,5 t, thereof rear axle(s): 19,0 t
	Actual	24,6 t (empty, when delivered)
<b>Dimensions</b>	L x w x h	10000 mm x 2550 mm x 3800 mm

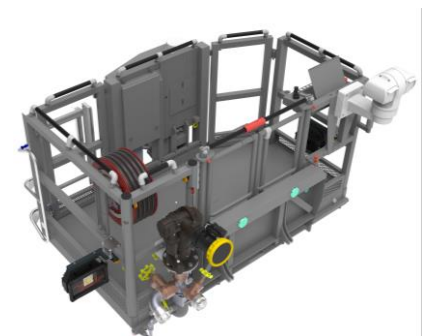
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## Further Equipment

- 10" colour display in the cabin
- LED lights at all jacks to illuminate the jacking area
- 10" colour displays at the jack control panels
- 2 LED-beacons on the cabin roof
- LED lights at the front
- reverse camera at the vehicle's rear, indication in the cabin
- electronic warning signal with public-address function
- intercom system between main control panel and cage
- hydraulic generator, permanently mounted
- locker room illumination with LEDs strips
- area illumination lights in acc. with EN1846T2, with LEDs
- running surface lighting with LED strips
- main control panel with adjustable seat heating (Seat and backrest)
- automatic return of the boom to the boom headrest
- ARF (Automatic-Return-Function)
- spray nozzles at the cage to protect persons and cage
- hose reel at the cage (20 m)
- stretcher support for stretchers and basket-type stretchers
- 2 x 230V/108 watt LED floodlights, each one on the left and right side of the cage
- camera at the cage front, indication at the main control panel
- anemometer at the cage
- 24 V emergency operation, driven by the vehicle's batteries



## Contact

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