

ROSENBAUER L32A-XS electric

Turntable ladder with articulated ladder top



L32A-XS electric in accordance with EN 14043 / A2A0089



Technical Data

Chassis	Type	Volvo FE Electric
	Performance	(225 kW), E-drive
	Gearbox	Two-speed gearbox
	Drive/wheelbase	4x2, 4750 mm
	Tyres (front, rear)	315/80 R 22.5
	Suspension	front: air, rear: air
Cabin	Crew/type	1+1,
Bodywork	Type	aluminium safety bodywork HLM with integrated lighting with 7 locker rooms with roller shutters, colour: RAL lemon
Jacking system	Type	horizontal-vertical, infinitely variable
	Jacking width	min. 2.50* m, max. 4.65 m
Main control panel	Type	main control stand „M500“ with tiltable backrest and roof
Ladder set	Type	L32A-XS, fully automatic, 5 sections, with articulated top ladder section (4.35 m long), powder-coated, colour: RAL 7016 (anthracite)
	Height	working height: 32 m, cage floor height: 30 m
	Control system	CAN bus
	Weighing system	3D-load measuring system by means of load measuring bolts. Permanent measurement of loads and forces which act on the ladder set
Rescue cage	Type	HR-500 MF capacity: 500 kg (5 persons), removable multifunction column
	Accesses	4 accesses, thereof 3 at the front and 1 at the rear. 3 accesses are accessible in upright position (with BAs)
Water monitor	Type	Rosenbauer RM15, capacity 2000 l/min, remote-controlled from the main control panel and the cage, with oscillate function
Stretcher support	Type	capacity: 300 kg, easy to fix on the cage floor (easy loading and unloading) or 360 ° rotatable attachable to the cage rail, combi-type (suitable for stretcher, basket- and heavy duty basket stretchers)
Electrics	Power	power supply 230 V / 400 V to the cage
	Generator	Portable generator Rosenbauer RS14, 14 kVA, stowed at the turning frame
Weight	Max. permissible	total 18/19 t, thereof front axle: 8,0 t, thereof rear axle(s): 11,0 t
Dimensions	L x w x h	10000 mm x 2500 mm x 3400 mm

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Further Equipment

- colour display in the cabin
- LED lights at all jacks to illuminate the jacking area
- colour displays at the jack control panels
- feed-in socket for external power supply CCS / Typ 2
- Maximum charging power 150KW DC or 22KW AC
- batteries 3x66 kWh
- range without TT operation approx. 130 km
- Duration of operation: 4 operations with 20km drive each, 2x stabilization, 5 load cycles
- 2 beacons in aerodynamic shape on the cabin roof
- 2 x LED lights in blue at the turret as additional beacon (Integro)
- beacons in aerodynamic shape on the cabin roof
- reverse camera at the vehicle's rear, indication at the Rosenbauer display in the cabin
- locker room illumination with LEDs strips
- area illumination lights in acc. with EN1846T2, with LEDs
- running surface lighting , with LED strips
- chassis lights at the rear as LED version
- 2 x adjustable LED lights 24V 50W at the sides of the base ladder section
- 1 x 24 V/126 W LED-floodlight underneath the base ladder section
- TMS (Target-Memory-System)
- VRS (vertical-rescue-system)
- water pipe in the upper ladder section to supply the monitor, permanently mounted
- 2 heavy-duty LED in the cage floor, shining to the front
- 2 x 230V/160 watt LED floodlights SETO, each one on the left and right side of the cage
- SAFESKY, 2 x 24V/120 watt LED floodlights each one on the left and right side of the haedrest - for obstacle search
- camera at the cage boom to monitor the cage-crew, if the cage is out of view
- camera at the cage front, indication at the main control panel
- camera under the rescue cage to monitor the boarding function, display at the main control stand
- 400 V emergency operation, driven by the generator



Contact

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