



The MGV® L125 is extremely powerful and allows an effective ventilation of large industrial facilities, underground parking, high-rise buildings, airports, shopping centres or miles long tunnels – in tests at traffic tunnels,

an air output up to 1.000.000 m³/h had been measured. This ventilator with its powerful, reliable car engine is the ideal partner for every fire service who has to deal with fires or dangerous incidents in large structures.

POWERFUL AND LIGHT-WEIGHT

The special designed propeller blades are made of carbon fibre reinforced plastics and allow a higher speed of the propeller for maximal air output. The aerodynamic, clam-shell designed shroud is made with glass fibre reinforced plastics. The light-weight design allows to mount the unit on a one-axle trailer with 750 gross vehicle weight. The MGV® L125 is the most powerful large scale ventilator in this weight class.

WELL-ENGINEERED ENGINE

The L125 is driven by a toothed belt and a 4-cylinder in-line engine. Well-engineered car engines (gasoline or Diesel), manufactured in millions for highest reliability and low maintenance.

OPTIMAL FAN ADJUSTMENT

With the hydraulic lift-rotation-tilt-device it is possible to adjust the ventilator perfectly to the constructional conditions at scene of the operation, even if there are unfavourable situations for positioning at the entrance opening. No blocking of escape routes and the fast and easy adjustment saves valuable time.

- UP TO 1,000,000 m³/h
- 3,000 N THRUST
- EASY HANDLING
- TFT-DISPLAY
- WATER MIST 80 m
- 360° ROTATION
- +/-30° TILT
- 1.3 M LIFT
- LED-TECHNOLOGY
- UP TO 30,000 LUMEN



	L125 FII	L125 FD
Max. air output effective	1,000,000 m³/h	
Air output nominal	220,000 m³/h	
Axial thrust	approx. 3,000 N	
Max. air speed	50 m/s	
Engine	Ford, 4-cyl.-gasoline engine, water cooled	Ford, 4-cyl.-Diesel engine, water cooled
Engine power / Torque	90 kW / 160 Nm	80 kW / 230 Nm
Propeller	CFK, 6 blades	
Drive mechanism	toothed belt (maintenance free)	
Shroud	fibre-glass reinforced plastics, clam-shell design	
Operation	remote control with TFT-display and 5 m cable	remote control with 5 m cable
Water Mist System	<input type="checkbox"/>	
Nozzles	14 pcs. integrated in the stators	
Water output	280 l/min (7 bar)	
Ventilation Hose System	<input type="checkbox"/>	
Air output extraction mode	70,000 m³/h	
Diameter ventilation hose	800 mm	
Adapter	2 pcs. GRP incl. 3 m hose	
Mounting	pressure or intake side	
Length	2 x 15 m (standard package), upgradeable	
Smooth Bore Ducting	<input type="checkbox"/>	
Diameter ducting	1,400 mm	
Mounting	pressure side	
Length	100 m	



L125 SPEED



A purpose-built, special designed one-axle trailer. Compact and light-weight for extreme handiness. One person can easily position the MGV® with the big handles on both sides.

Dimensions (l x w)	3,400 - 4,000 x 1,850 mm
Height	2,250 mm
Weight	650 kg
Gross vehicle weight	750 kg
Height adjustable drawbar	<input type="checkbox"/>
Material box incl. tool kit	■
Support devices (2)	■
Handles	■
LED working lights	<input type="checkbox"/>
Integrated battery charger	<input type="checkbox"/>

**EASIEST HANDLING
BY ONE PERSON**

L125 ACTION

L125 on one-axle trailers for flexible mounting versions and various options: from the ventilation hose system to a light mast for the perfect lighting of the scene of operation. The hydraulic lift-rotation-tilt-device allows the optimal fan adjustment.



	Action S	Action M	Action L
Lift height	0.6 m	0.6 m	0.6 m
Tilt angle	± 20°	± 20°	± 20°
Rotation angle	± 100°	± 100°	± 100°
Operation	hydraulic with foot pump or 12V-hydraulic pump		
Platform (l x w)	2,600 x 1,560 mm	3,100 x 1,560 mm	3,350 x 2,000 mm
Dimensions (l x w)	4,000 - 4,250 x 2,070 mm	4,600 - 4,850 x 2,070 mm	5,000 - 5,400 x 2,070 mm
Height	max. 2,650 mm	max. 2,650 mm	max. 2,650 mm
Weight	700 - 1,250 kg	1,000 - 1,350 kg	1,200 - 1,500 kg
Gross vehicle weight	1,350 kg	1,600 kg	1,800 kg
Support devices (4)	■	■	■
Height adjustable drawbar	■	■	■
LED working lights	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Integrated battery charger	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equipment rack	--	■	<input type="checkbox"/>
Equipment compartment	--	--	■
Light mast	--	--	<input type="checkbox"/>

additional options / accessories available

L125 TASK

The MGV® L125 Task was specifically developed for mounting on chassis or swap body. The electro-hydraulic lift-rotation-tilt-device of the Task XL is completely operated by remote control. One single push on the remote control and the ventilator moves automatically back to transport position.



	Task L	Task XL
Lift height	0.6 m	1.3 m
Tilt angle	± 20°	± 30°
Rotation angle	± 100°	± 180°
Lift / Tilt operation	12V-hydraulic pump	24V-hydraulic pump
Rotation operation	manual	electric
Control	manual	SPS-control
Automatic transport position	--	■
Stainless steel tank	■	■
Height above platform	max. 2,550 mm	max. 2,550 mm
Weight MGV®	approx. 650 kg	approx. 900 kg
Stainless steel tank 175 l	<input type="checkbox"/>	<input type="checkbox"/>
LED working lights	<input type="checkbox"/>	<input type="checkbox"/>
Platform f. chassis mount	<input type="checkbox"/>	<input type="checkbox"/>
Chassis	<input type="checkbox"/>	<input type="checkbox"/>
Swap body	<input type="checkbox"/>	<input type="checkbox"/>

additional options / accessories available

