

# MGV® L125

## THE POWERFUL GRAND VENTILATOR



The MGV® L125 is extremely powerful and enables effective ventilation of large industrial facilities, warehouses, underground car parks, high-rise buildings, shopping malls, airports or kilometer long tunnels. It is the ideal partner for every fire brigade who has to deal with fires or dangerous incidents in large structures. Almost 20 years on the market and now in its 4th generation it is still the most powerful MGV in its class. The MGV® L125 is powered by a reliable FORD 4-cylinder in-line engine and the lightweight construction allows it to be mounted on a vehicle trailer with a gross vehicle weight of 750 kg or light-trucks with a gross vehicle weight of 3.5 t.

### POWERFUL

The specially developed propeller blades are made of carbon fiber reinforced plastic and allow a higher speed than conventional impellers – this enables the MGV L125 to achieve a significantly higher air output than other large fans of this size. The double-shell designed shroud made of GRP offers optimal aerodynamics and low weight. The L125 is driven by a toothed belt. This enables the optimum speed for motor and propeller and a better inflow of air to the propeller.

### RELIABLE

The proven technology and the large series engines make it powerful and reliable at the same time. The hydraulic lift-rotation-tilt-device allow the air jet to be ideally adjusted even in unfavorable constructional conditions. The quick positioning of the fan means that obstacles such as walls and hedges can be easily overcome; time-consuming maneuvering is no longer necessary. With the cable remote control with TFT display, all relevant information can be seen during operations.



	<b>L125 F3</b>
Max. air volume effective	850.000 m³/h
Air output nominal	200.000 m³/h
Axial thrust	approx. 2.900 N
Max. air speed	46 m/s
Engine	Ford, 4-cyl.-gasoline engine, water cooled
Engine power @ 3.200 1/min	60 kW
Propeller	GRP with carbon fibre, 6 blades
Drive mechanism	Toothed belt (maintenance free)
Shroud	GRP, double-shell design
Operation	Remote control with TFT-display and 5 m cable
<b>Water Mist System</b>	○
Nozzles	14 pcs. integrated in the stators
Water output	280 l/min (7 bar)
<b>Ventilation Hose System</b>	○
Air output extraction mode	66.000 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
<b>Smooth Bore Ducting</b>	○
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	2.300 mm
Gross vehicle weight	750 kg
Height adjustable drawbar	○
Material box incl. tool kit	■
Support devices (2)	■
Handles	■
LED working lights	○
Integrated battery charger	○



## 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. 2.700 mm	max. 2.700 mm	max. 2.700 mm
Gross vehicle weight	1.350 kg	1.600 kg	1.800 kg
Support devices (4)	■	■	■
Height adjustable drawbar	○	■	■
LED working lights	○	○	○
Integrated battery charger	○	○	○
Equipment rack	--	■	○
Equipment compartment	--	--	■
Light mast	--	--	○

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°	± 25°
Rotation angle	± 100°	± 180°
Lift / Tilt operation	12V-hydraulic pump	24V-hydraulic pump
Rotation operation	manual	electric
Control	manual	PLC-control
Automatic transport position	--	■
Stainless steel tank	■	■
Height above platform	approx. 2.250 mm	approx. 2.500 mm
Weight MGV®	approx. 700 kg	approx. 1.000 kg
LED working lights	○	○
Stainless steel tank 175 l	○	○
Platform f. chassis mount	○	○
Chassis	○	○
Swap body	○	○

additional options / accessories available



**USED WORLDWIDE**

