



The MGV® L105 is the “little brother” of the L 125 and has been especially designed for purposes of municipal fire departments. It has sufficient power reserves for the ventilation of underground parking areas, production facilities, industrial units, hospitals, schools and shopping centers. In addition to that, the L105 provides

very high suction power by the use of its ventilation hose ventilation system and its patented adapter. Driven by a reliable 3-cylinder car engine it sets new standards through its compact dimensions and low weight within its class.

◀ SMALL OVERALL HEIGHT

Especially the low height offers solutions for fire services that have to deal with low gateways or overpasses. Since the MGV® L105 is built on a single axle trailer – with an overall height under 2 m – it is possible to reach sites of operation via normal garage doors.

◀ COMPACT AND VERSATILE

In addition to the various single axle trailers that offer a broad variety of options, the MGV® L105 can be mounted on a crawler for difficultly accessible sites of operation.

◀ SIMPLE HANDLING

The MGV® L105 can easily be positioned and operated by a single person. Standard remote control with a TFT-display allows full control in all operations and the operator always has the necessary information available.

- UP TO 600.000 m³/h
- RELIABLE CAR ENGINE
- VENTILATION HOSE VENTILATION SYSTEM
- 1.2M LIFT HEIGHT OPTIONAL
- CRAWLER TYPE UNDERCARRIAGE
- TFT-DISPLAY
- WATER MIST SYSTEM
- LED LAMPS



L105 PI	
Max. air output effective	600,000 m ³ /h
Air output nominal	145,000 m ³ /h
Axial thrust	approx. 2,000 N
Max. air speed	50 m/s
Engine	Peugeot, 3-cyl.-gasoline engine, water cooled
Engine power / Torque	55 kW / 130 Nm
Propeller	fiber-glass reinforced polyamide
Drive mechanism	toothed belt (maintenance free)
Shroud	fiberglass reinforced plastics, clam-shell design
Operation	remote control with TFT-display and 5 m cable
Water Mist System	<input type="checkbox"/>
Nozzles	10 pcs. integrated in the stators
Water output	200 l/min (7 bar)
Ventilation Hose System	<input type="checkbox"/>
Air output extraction mode	35,000 m ³ /h
Diameter ventilation hose	800 mm
Adapter	1 pcs. GRP incl. 3 m hose
Mounting	pressure or intake side
Length	1 x 15 m (standard package), upgradeable
Smooth Bore Ducting	<input type="checkbox"/>
Diameter ducting	1,165 mm
Mounting	pressure side
Length	100 m



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L105 SPEED



The L 105 Speed is lightweight, compact and extremely flexible. The specifically developed single axle trailer offers a very low overall height, even with the innovatively integrated tilt device. Both handlebars provide very simple handling. Even with all available options

and the stored ventilation system, the L 105 Speed features a gross vehicle weight of as little as 750kg. Thus, the MGV® L105 Speed offers maximum flexibility in its class.



Tilt device	<input type="checkbox"/>
Tilt angle	+25° / -20°
Operation	hydraulic w. hand pump
Dimensions (l x w)	3,400 - 4,000 x 1,850 mm
Height	1,900 - 2,200 mm
Weight	600 - 700 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"/>
Rack for ventilation hose system	<input type="checkbox"/>

**SMALL OVERALL HEIGHT,
MAXIMUM FLEXIBILITY**

L105 OFFROAD

The crawler allows positioning of the L105 Offroad even in difficult locations without any problems. Difficult terrain, railroad tracks or stairs are no barriers any longer. The crawler is driven by a separate combustion engine. Due to its excellent maneuverability and handling by means of a steering rod, hand throttle and hand break the L105 Offroad can easily be operated by a single person. The L105 Offroad with its integrated stainless steel fuel tank is a high-performance and self-sufficient large scale ventilator for toughest operation conditions.

Dimensions (l x w) Lenkstange hochgeklappt	2,300 x 1,400 mm
Height	1,930 mm
Weight	750 kg
Engine crawler	Honda GX 270 (6,3 kW)
max. speed crawler*	9 km/h
Material box incl. tool kit	■
Support device	■
Charging connection MagCode 12V	■
LED working lights	□
Integrated battery charger	□

additional options / accessories available
* no official approval for road service



L105 ACTION

The one-axle platform trailer with lift-rotation-tilt-device provides space for different mounting versions, additional equipment and extensive options: from an increased lift-device 1.2 m up to multiple LED working light options for the lighting of the scene of operation. The L105 Action is equipped as standard with a height adjustable drawbar, four support devices and a big stainless steel fuel tank for an extended runtime.

	Action S	Action M
Lift height	0.6 m	0.6 m
Tilt angle	± 20°	± 20°
Rotation angle	± 100°	± 100°
Operation	hydraulic with foot pump	
Platform (l x w)	2,600 x 1,560 mm	3,100 x 1,560 mm
Dimensions (l x w)	4,000 - 4,250 x 2,070 mm	4,600 - 4,850 x 2,070 mm
Height	max. 2,350 mm	max. 2,350 mm
Weight	700 - 1,250 kg	1,000 - 1,350 kg
Gross vehicle weight	1,350 kg	1,600 kg
Stainless steel tank 75 l	■	■
Support devices (4)	■	■
Height adjustable drawbar	■	■
Extended lift height 1,2 m	□	□
LED working lights	□	□
Integrated battery charger	□	□
Equipment rack	--	■

additional options / accessories available

■ = Equipped as standard □ = Optional

Made in Germany