

MOBILE GRAND VENTILATORS  
**MGV XP 105**



*HYDRAULIC POWER*

# THE MOST FLEXIBLE GRAND VENTILATOR

FOR VENTILATION OF LARGE STRUCTURES



**600.000 M<sup>3</sup>/H**

More than just NEW: The Xtreme Performance Fan XP 105 is the first hydraulically driven Mobile Grand Ventilator in lightweight construction. The newly developed large fan offers unique flexibility and extreme performance for the tactical ventilation of large-volume objects. The enormous inclination range of + 40 ° to -90 ° even enables vertical ventilation via openings at ground level, such as ventilation shafts and supply ducts. The patented lifting device allows a huge range of operations.





The hydraulic drive of the MGV is powered by an extremely reliable diesel engine. It meets the EU Stage V emissions standard, is very economical and, with the 60l stainless steel tank, offers a running time of well over 4 hours at full power. The design of the fan enables an optimal flow to the impeller and thus an extreme air performance in this class.



Max. air output effective	<b>600.000 m³/h</b>
Air output nominal	150.000 m³/h
Axial thrust	approx. 2.000 N
Max. air speed	45 m/s
Engine	Diesel, 4-cyl.-engine, water cooled turbocharger, EU Stage V
Engine power	55,4 kW
Propeller	Fiber-glass reinforced polyamide
Drive mechanism	Hydraulic
Shroud	GRP, double-shell design
Lift height	1.860 mm
Tilt angle	+40° / -90°
Operation	Control panel
<b>Water Mist System</b>	○
Nozzles	10 pcs. integrated in the stators
Water output	200 l/min (7 bar)
<b>Ventilation Hose System</b>	○
Air output extraction mode	35.000 m³/h
Diameter ventilation hoses	800 mm
Adapter	1 pcs. GRP incl. 3 m hose
Mounting	Pressure or intake side
Length	1 x 15 m (standard), upgradeable



The logical integration of technology into the design of the trailer enables the XP 105 to be built as the first hydraulically driven MGV on an one-axle trailer and the integrated handles on the side allow fire fighters to position the MGV easily by hand. Despite the enormous lifting height, the MGV XP 105 only has a total height of less than 2 m in the transport position and can therefore be brought to the operation site even through low car passages.

**WE HAVE 30 YEARS OF EXPERIENCE IN TACTICAL VENTILATION OF FIRE OPERATIONS!**

EST. 1991

# INNOVATION

MADE IN GERMANY

BIG has itself excelled by introducing innovative products for ventilation of fire scenes since 1991. The BIG Mobile Grand Ventilators are leading the ventilation of large structures for more than 25 years. Our know-how and our experience of 30 years in sales, development and manufacturing of high performance fans for the fire service results in the constant redevelopment of our Mobile Grand Ventilators Made in Germany. High performance combined with perfect ergonomics and quality are the objectives for the engineering made by BIG.

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