ref. 99060947

MOBILE FAN MGV L105/75P OFFROAD

VENTILATOREN GROOT DEBIET

DESCRIPTION

DE MGV L105 is the smaller brother of the L125 and specially designed for the municipal fire brigade. It has sufficient energy reserves for the ventilation of underground car parks, industrial facilities, hospitals, schools and shopping centres.

The track-mounted chassis allows the L105 Ofroad fan to be easily positioned even in the most difficult conditions.
In addition to difficult terrain, it can also handle train tracks, ramps and stairs. The track-mounted chassis is powered by its own internal combustion engine.
Because of its exceptional manoeuvrability, easy to operate handlebars with integrated hand throttle and deadman braking, the Ofroad L105 fan can be operated by a single person.

TECHNICAL SPECIFICATIONS

Fan

- Easy to handle by one person
- Max Capacity: 600 000 m3/h
- Nominal capacity: 145 000 m3/h
- Axial force: approximately 1 600 N
- Max airspeed: 50 m/s
- Rotational speed rotor blade: approx. 2 000 rpm
- Propeller diameter : 1 050 mm
- Outer diameter: 1 340 mm
- Length Turbine sheath: 720 mm
- Engine: 3-cylinder petrol engine
- Motor type: EB2
- Engine power: 55 kW
- Torque: 130 Nm
- Fuel tank: 36 l
- Electric starter for the engine, with ignition key.
- Easy access to the starter battery via a maintenance opening.
- In case the starter battery is empty, the MVU can be started externally via the jump-start facility.
- Drive: toothed belt (maintenance-free)

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- Propeller: glass fibre reinforced polyamide, 8 blades
- Turbine jacket: glass fibre reinforced plastic, shell-shaped design for less vibration
- Safety grilles on both sides of the casing in accordance with EN 294
- Operation: remote control with TFT display with emergency stop and 10m cable

Mounted on tracks
- Type: Iron Horse IH 2090
- Engine: Honda GX 270 (6.3 kW)
- Speed: 9 km/h
- Including material case with toolkit
- Including support legs
- Including Charging connection MagCode 12V
- Dimensions (l x w x h): approx. 2300 x 1400 x 1930 mm
- Net weight: 750 kg

ACCESSORIES AND OPTIONS
Tilting device:
- Tilt angle: +15° / -15°
- Operation: hydraulic, with hand pump

Water mist system option:
- 10 integrated nozzles
- Water yield: 200 l/min at 7 bar
- Max pressure: 10 bar

Option Ventilation hose system:
- Air outlet: 35 000 m3/h
- Diameter: 800 mm
- Adapter: 1 piece including 3m hose
- Mounting: Pressure or suction side
- Length: 1 x 15m (standard package), expandable

Option roll plastic air hose:
- Diameter: 1 165 mm
- Mounting: Pressure side
- Length: 100 m

Options undercarriage:
- Integrated battery charger ((230 V /12 V)
- LED work light

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