# MAGIRUS AIRCORE MFT35-H TURBINE FFVEHICLE



**SERVING HEROES. SINCE 1864.** 



ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО БОРУДОВАНИЯ С Интернет: www.tisys.ru www.tisys.kz www.tisys.by www.tesec.ru www.tu-cистемс.pф Телефоны: +7 (495) 7774788, 7489626, (925) 5007155, 54, 65 Эл. почта: info@tisys.ru info@tisys.kz info@tisys.by

# AIRCORE MFT35-H TURBINE FF VEHICLE TECHNICAL DATA

(EURO V / VI)

25 kW (shaft power)

3.400 mm 1 + 2

5,500 kg

max. 16 bar

## VEHICLE FIGURES

Chassis

I Engine power

Wheel base

Cabin

Gross vehicle weight

## **TURBINE FIGURES**

Power

- / Operational pressure water
- **/** Water flow
- Mode for fine water mist (nozzle head and -ring)
- Mode for high water flow
- (monitor and nozzle ring)
- / Monitor spray pattern
- Flow rate
- / Angle of inclination / -rotation
- / Water supply
- / Throwing distance in fine water mist mode
- / Throwing distance in high flow rate mode
- Airflow infinitely adjustable

which also takes the turbine's external air flow into account. This leads to much greater results, up to 105,000 m<sup>3</sup>/h.

#### CONCEPT

- / Fire-fighting turbine for nebulization of high amounts of water
- / Variable spray patterns, two separately controlled water circles
- I Suitable for nebulization of water, foam, retarder and gel additives
- Compact dimensions
- / Mobile extinguishing and ventilation device
- Integrated water supply system

### ADVANTAGES AND BENEFITS

- I Very efficient for big fires and big surface, especially liquids fires, due to high extinguishing efficiency of the aerosol turbine
- / Very effective in case of complex building structures
- / Binding of gasses and smoke, improving visibility and safety
- / Much faster heat absorption compared to other methods
- I Gentle application of water/water-foam mix on liquid fires
- I Easy and safe in use
- Maintenance friendly
- / Flexibility in manoeuvrability
- / Rotatable and tiltable turbine

### **OPTIONS**

- Air tubes
- / Cameras (FLIR, colour)
- Covers
- I Lifting device
- Water-/Foam tank
- Light mast
- Remote control
- / Concept also available on other, suitable chassis types and brands

IVECO Daily 55S17 / 18 W, 4x4 125 kW (170 HP) / 132kW (180 HP)

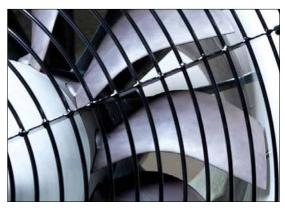
Fine water mist nozzle



Central monitor nozzle



Fine water mist nozzle head



Turbine shovel

Illustrations may include additional options. We reserve the right to make technical changes or improvements at any time without prior notice. Errors and omissions excepted.

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from 0 to 1.500 l/min from 0 to 3.500 l/min at 16 bar from 0 to 3.000 l/min at 13 bar adjustable with remote control stepwise adjustable -19° - 43° / > 360° 4 x Storz B up to 60 m up to 80 m 60,000 m<sup>3</sup>/h (\*) / 105,000 m<sup>3</sup>/h

\* Net air flow rate through the turbine. The value has not been determined, according to Amca or ULH fair process,