

Firefighting robot – for increased safety in extinguishing fires

The TAF35 consists of a fire extinguishing turbine mounted on a crawler track. It is an extremely agile, very versatile and most of all a very safe firefighting unit for many fire situations. The turbine has an external nozzle ring, which atomizes water into fine mist and then distributes it by means of propellers. Water mist removes heat from the fire very quickly and significantly lowers the temperature.



CENTRAL ADVANTAGES OF THE TAF35:

- › Thanks to the remote control, you can stand up to 300 m away from the fire
- › Water mist cools very efficiently and extinguishes fires faster
- › It also has a very high level of efficiency in the area of pollutant deposition
- › Water mist is a safe extinguishing option in many fire situations
- › The turbine can also work with foam.

THE TAF35 COMES WITH A LOT OF OPTIONS:

- › Various nozzle configurations
- › Carrier box
- › GPS
- › Railway kit
- › Camera kit (+ thermal camera)
- › Air-ducting system
- › Euro quick-change frame
- › Cable winch
- › Submersible pump
- › Forklift kit
- › Lateral outflow for
- › Self-protection function
- › Storz C coupling

TURBINE FIGURES

Inclination angle	-22° to +40°
Turbine power	25 kW
Water flow, adjustable in 3 stages:	
Water mist (nozzle ring)	0 - 1,500 l/min
Full jet (monitor)	0 - 4,700 l/min at 16 bar
Throw distance with water mist	up to 60 m
Throw distance with full jet	up to 80 m
Available configurations	Different monitors and nozzle heads can be used
Net Airflow	60.000 m ³ /h
Turbine can be raised up to 4 m	
Turbine is also suitable for ventilation	

VEHICLE FIGURES

Traction force	3.8 t (3,800 daN)
Noise level (at 10 m safety distance)	84 dB(A)
Remote control range	up to 300 m
Fuel Supply	Diesel
Tank	52 l
Power	53 kW
Cooling	Water
Level of Pollutant Emissions	EPA Tier 4, Stage III B, Step 4
Main water connection	4 x Storz B
Climbing ability (max.)	58 % (30°)
Lateral inclination (max.)	27 % (15°)
Speed	0 - 9 km/h
Weight	3,820 kg (w/o optionals)

DIMENSIONS

Width	1,620 mm
Length (w/o optionals)	2,912 mm
Height	2,155 mm (3,879 mm when lifted up)

AREAS OF APPLICATION

Chemical industry, forest fires, tunnel systems, underground train shafts, airports, recycling plants, large halls, substations, urban areas