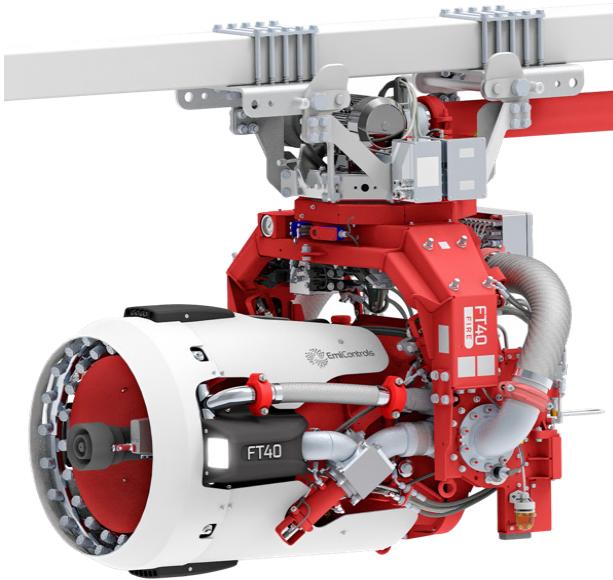


## Efficiency and Precision in Automatic Targeted Firefighting

With superior performance and high reliability, the FT40 water mist turbine is the ideal solution for precise and effective firefighting in stationary applications. With the FT40, you are ideally equipped to fight fires at an early stage and minimize the risk of damage. The turbine offers a wide range of mounting and positioning options, including overhead, ceiling, roof and wall mounting. This flexibility allows the turbine to be optimally positioned depending on the situation and local conditions. With an increased working range and extended reach downwards, areas can be covered even more efficiently: The turbine can be positioned to save space without causing downward shading.



### KEY ADVANTAGES OF THE FT40:

- › Fast response and precise targeting
- › Flexibility in mounting and positioning
- › Reliability and accuracy in extinguishing even after long periods of use
- › Efficient management of resources through the use of water mist
- › Compatibility with various detection systems for a customized solution
- › Compatible with environmentally friendly (fluorine-free) foam concentrates

### OTHER SPECIAL FEATURES:

- › Mounting on ceiling support, wall bracket, substructure or tower
- › Remote control
- › Additional nozzle head, rim and monitor sizes
- › Control via MOD bus, CAN bus or up to 20 digital inputs
- › Sensors for position and pressure monitoring

### ELECTRICAL CHARACTERISTICS

Nominal voltage		
at 50 Hz	V	400
at 60 Hz	V	480
Nominal power of largest motor (max.)	kW	12.5

### DIMENSIONS

Lenght	mm	1,565
Width	mm	1,475
Total height with base frame (pedestal)	mm	1,465
Operating radius (turbine in horizontal position)	mm	1,090

### WEIGHT

Turbine only	kg	700
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### WATER HYDRAULIC SYSTEM

Operating pressure	bar	16
Flow rate at 16 bar	l/min	> 6,000
Flow rate at 10 bar	l/min	up to 4,600

### OTHER INFORMATION

Rotation speed (variable)	rpm	0.5 to 2
Lowering and lifting speed (variable)	°/s	2.5 bis 5
Propeller speed	rpm	2,910
Turbine incline	°	-92 to +32
Swing	°	360
Turbine air flow rate (net)	m <sup>3</sup> /h	30,000
Reaction force at max. water flow rate	N	4,500
Water connection - Rollnut	DN	125
Operating temperature	°C	-15 to +50

### NOZZLES

Fixed nozzles - Type Quadrijet 50°	pc.	20 (opt. 40)
Monitor nozzle, various sizes	type	adjustable/electronic

### TYPICAL AREAS OF APPLICATION

Recycling plants and landfill sites, oil & gas, chemical and wood processing industries, substations, large storage and production areas, as well as hangars with a high fire load.