



FFT/S1 Fire Fighting Turbine

DEVELOPMENT

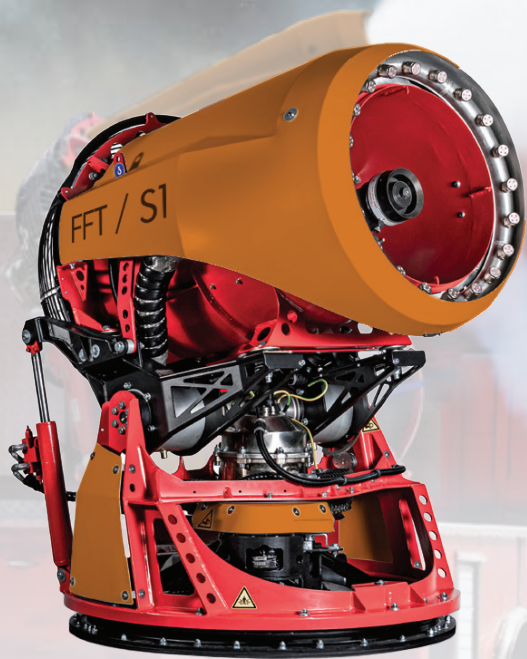
Fire fighting turbine new design for extinguishing fires with less water. Water mist cooling of combustible objects. Foam extinguishing prevents air flow to a fire. FFT/S1 technology cutting-edge extinguishing system. It swing 360° operating range. Applying water mist from a long distance with a high degree of accuracy up to 100 meters. Water mist effectively eliminates pollution from smoke.

APPLICATION

Oil & gas, chemical industry
Wood processing industry,
Substations, Aircraft hangars,
Garbage burner, Landfill,
Fire truck, Fire boat

FIRE FIGHTING TURBINE

FFT/S1



ELECTRICAL

Nominal voltage	400 V
Nominal current	65 A
Nominal power	24 kW
Protection rating	IP 55

DIMENSION

Width	1,520 mm
Height	1,940 mm
Length	1,920 mm

WEIGHT

Turbine only	720 kg
Total weight with base frame	920 kg

Maximum total water flow	4,100 lpm
Maximum water flow gun	2,400 lpm
Maximum water flow nozzles	1,700 lpm
Operating pressure	2-16 bar
Water pipe	4 inch
Butterfly valve	DN100
Nominal pressure	PN16
Actuator	AC240V /50Hz
Lift angle	-35° to + 40°
Swing	360°
Stainless steel Nozzle	180 ea.
Maximum throw	108 m
Propeller power	20 kW
Maximum air flow	33,000 cmh
Noise @20 m	80 dB (LA)
Operating temperature	0°C to + 50°C
Operating Control	Wireless Remote, Cable Remote
Design Standard	ISO 12100 : 2010 EN 60204 - 1 : 2018