



Product Name	FOAMSTORM
Description	Mobile Fog/Jet Monitor FJM
Manufacturer	FOAMAX
Revision	1.0/2023

ASK ABOUT THE PRODUCT

1. Description

The portable fog-jet monitor **FoamStorm** series is innovative solution prepared in cooperation with Fire Brigade units. Every unit is designed to be used in different conditions at any place, has many replacement options that can be specified and adapter to you needs.

2. Technical Details of FJMs'

Techical Data		
FJM	FJM-100	FJM-150
Water capacity	1000 to 6000 l/min	3000 to 11 700 l/min
Vertical movement	-60°/+90°	-60°/+90°
Vertical movement – S version*	-45°/+90°	-45°/+80°
Horizontal movement **	360°	360°
Weight	24 kg	60 kg

* Because of huge recoil force, there is recommendation about elevation move +20°/+90° (FJM-100) and rotation move +20°/+70° (FJM-150)

** Due to trailer construction and resigning from ballast tank in favor of DMC 750kg homologation (light trailer) there is recommendation about rotation move -90° do +90° without exceeding the trailer axle.

3. Usage

Thanks to its mobility, the fire trailer **FoamStorm** is excellent to use at:

- Helipads
- Protection of liquid fuel storage tanks at fuel depots
- Protection of processing halls in the petro-chemical industry
- Maritime applications, coastal protection
- Protection of transshipment points of rail tank cars, tank trucks

4. Trailer Details

❖ Configuration:

- Integrated reversing system
- Enhanced wheels 14"
- Steps for easy access to the trailer
- Lighting of the area around the trailer
- Ballast tank with drainage

❖ Built-in water line:

- Main manifold with a diameter DN 200,
- Connection: STORZ 6x DN110
- Stainless steel

❖ Trailer axis and brakes:

- Axle: Alco
- Overrun brake
- Long life Breaking system
- Max weight 750 kg

❖ Hook:

- Regulated hook (eyebolt or ball hitch)

❖ Tires:

- Kargomax C – ST 6000

❖ Lights:

- Marker lights, brake light, license plate light, additional lighting with LED technology.

❖ Trailer Construction Materials

- QST carbon steel profiles
- Surface made of non-slip material
- The entire structure is hot dip galvanized

❖ Stabilizing supports:

- 4 x 4 x trailer stabilizing supports
- 1 x support wheel

❖ Trimming:

- Paint coating of urethane-acrylic paint in red color

❖ Others:

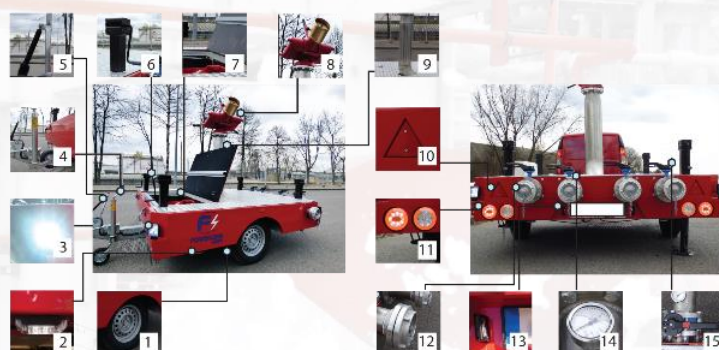
- Infinitely adjustable capacity of the monitor
- Possibility of making fire fighting foam
- Possibility of vertical and horizontal movement
- Fog/jet water adjusting via lever around nozzle
- Manifold integrated with a diameter of 150mm made from stainless steel
- Overrun device with height adjusting, ball hitch 2" and track stabilization system
- Anti-slip surface
- Four-point pillars and support wheel

5. Approvals and Listings

- **National Certificate of Constancy of Performance CNBOP-PIB No. 063-UWB-0033 (FJM -100; FJM-80),**
- **National Certificate of Constancy of Performance CNBOP-PIB No. 063-UWB-0243 (FJM -150; FJM-200),**
 - FJM 150 (Q=9523 l/min at 12.5 bar pressure)*.
 - FJM 200 (Q=9666 l/min at 7.9 bar pressure)*.
- Marine approvals – DNV (Det Norske Veritas)
- Russian Maritime Register of Shipping (RMRS)
- Bureau Veritas



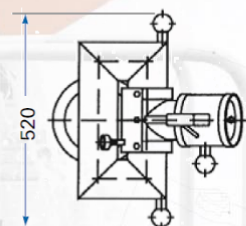
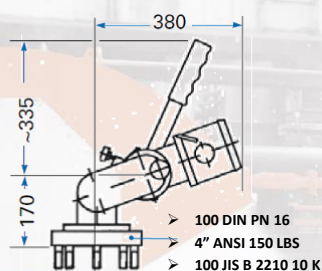
6. Scheme



- **Ad1.** Specially reinforced braked torsion axle with a strength of up to 1350kg, integrated automatic reversing, reinforced rims and tires.
- **Ad2.** Waterproof lights powered by internal battery with LED technology illuminating the area under the trailer.
- **Ad3.** Waterproof lights powered by internal battery with LED technology illuminating the area around the trailer.
- **Ad4.** Parking wheel.
- **Ad5.** Parking brake.
- **Ad6.** Stabilizing supports
- **Ad7.** Armature storage box
- **Ad8.** Fog/jet monitor (various options).
- **Ad9.** Feed manifold made entirely of stainless steel.
- **Ad10.** Reflective triangle placed in the outline of the trailer to prevent accidental damage
- **Ad11.** LED lights located in the outline of the trailer, thus preventing accidental damage
- **Ad12.** STORZ connection
- **Ad13.** Recess for license plate to prevent accidental hooking and damage
- **Ad14.** Pressure gauges on the supply line, pointing upwards thus allowing convenient checking of the pressure on the supply line (additional option)
- **Ad15.** Valves for shutting off the supply line during its failure (various options)

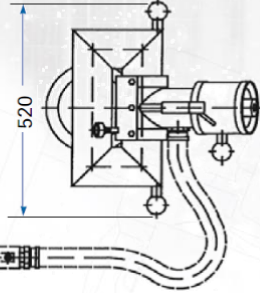
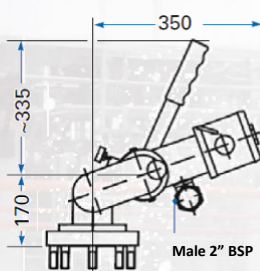
7. Design

FJM 100

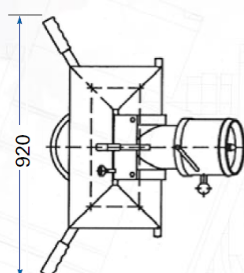
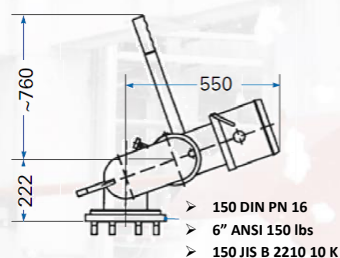


Foam Agent

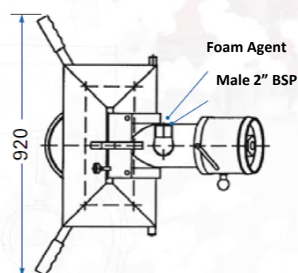
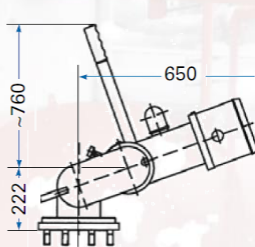
FJM 100 S



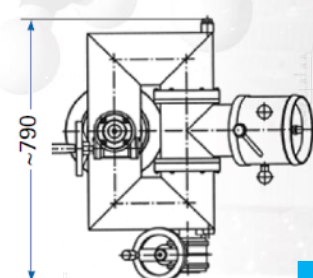
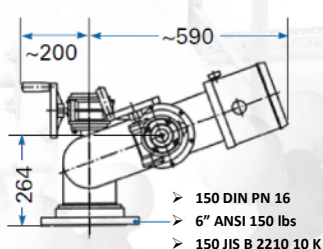
FJM 150



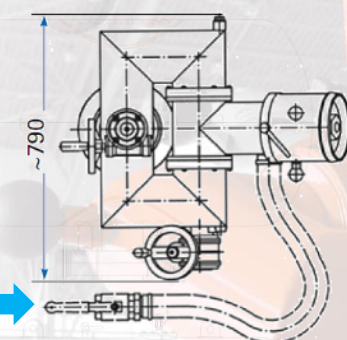
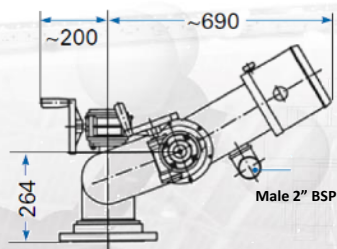
FJM 150 S



FJM 150 G

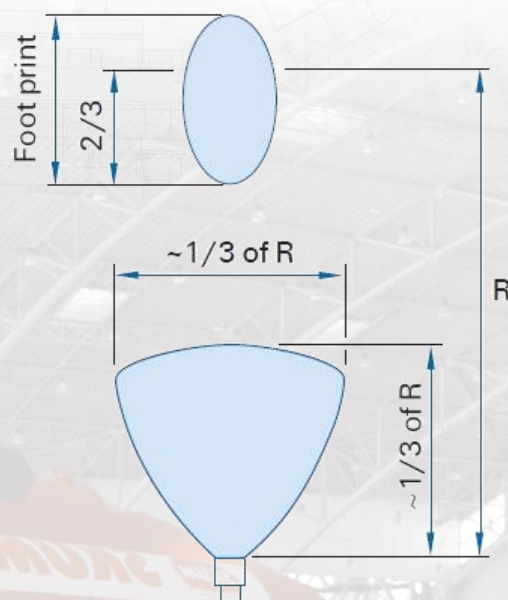


FJM 150 SG



Foam Agent

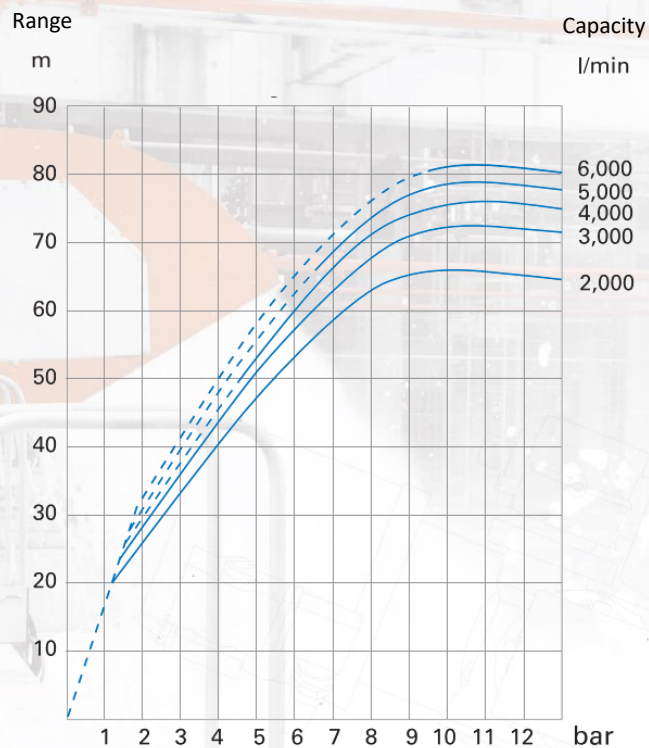
FOG RANGE SCHEME



NOTE: Minimum range in windless conditions.

In the case of a version of the monitor with an aspirator, assume -10% of the value due to the losses that occur.

FJM 100



FJM 150

