

Fire Boom Systems

 **Hydro-Fire[®] Boom**

 **American Fireboom**

Our two models of Fire Boom were the most successful fire boom systems used during the 2010 Gulf of Mexico oil spill.

| FACTORS | Hydro-Fire [®] Boom | American Fireboom | PyroBoom | Oil Stop | Kepner |
|---|------------------------------|-------------------|--------------|----------|--------|
| No. of Systems Used | 27 | 37 | 13 | 3 | 2 |
| Longest Continuous Burn | 11 hrs 48 min | 11 hrs 21 min | 3 hrs 13 min | 27 min | 43 min |
| Average Maximum Barrels Burned per System | 5,173 | 3,916 | 1,750 | 28 | 296 |

Hydro-Fire[®] Boom

The Hydro-Fire[®] Boom System comprises of inflatable boom that is covered with a special fire resistant material that is continually soaked with water internally when in operation.



Hydro-Fire[®] Boom

Features:

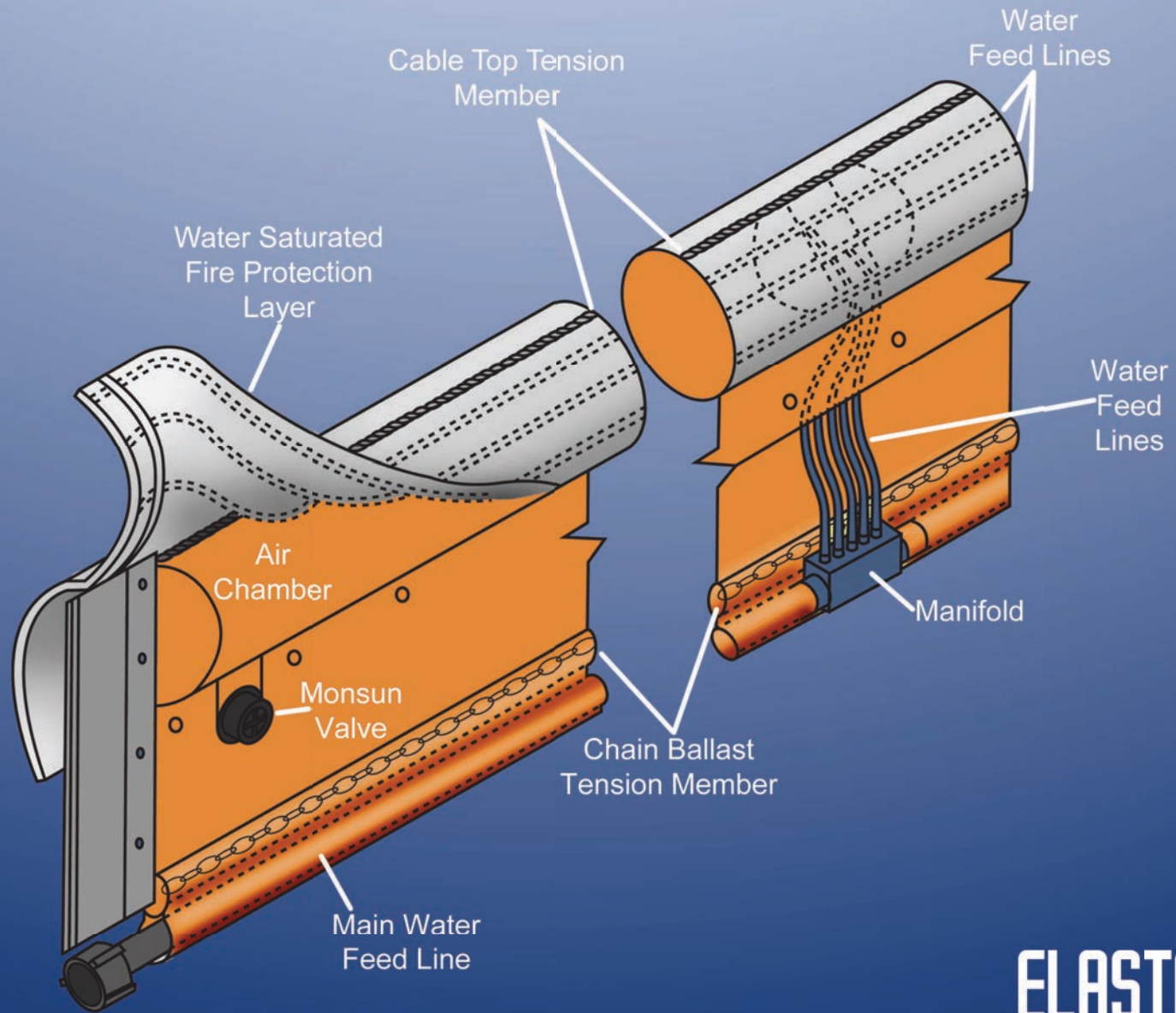
- Inflatable design allows storage and shipping on a reel
- Reusable system
- The reel assists deployment and recovery
- Supplied as a complete system with water pumps, hoses, tow lines, hydraulic power unit
- Rapid deployment with minimal storage volume

System components:

Five sections of 100ft / 30m fire boom 15" x 19" / 380 x 480 mm

One boom reel with brake and integral air inflation system and fabric cover

Hydro-Fire[®] Boom



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Two E600 high flow water pumps with flow meters, pressure gauges, water filter and suction strainer manifolds. Fabric covers.

| | |
|--------------|----------------|
| Engine: | John Deere |
| Horse Power: | 72 @ 2,200 rpm |
| Cylinders: | 4 |
| Aspiration: | Turbocharged |
| Fuel: | Diesel |
| Battery: | 12 Volt System |
| Rating: | 2,269 rpm |
| Head (max): | 328 ft / 100 m |



One D9 Boom reel power pack – a portable diesel driven unit that supplies the hydraulic power to run a boom reel fitted with controls. Mounted in a cage frame. Fabric cover.

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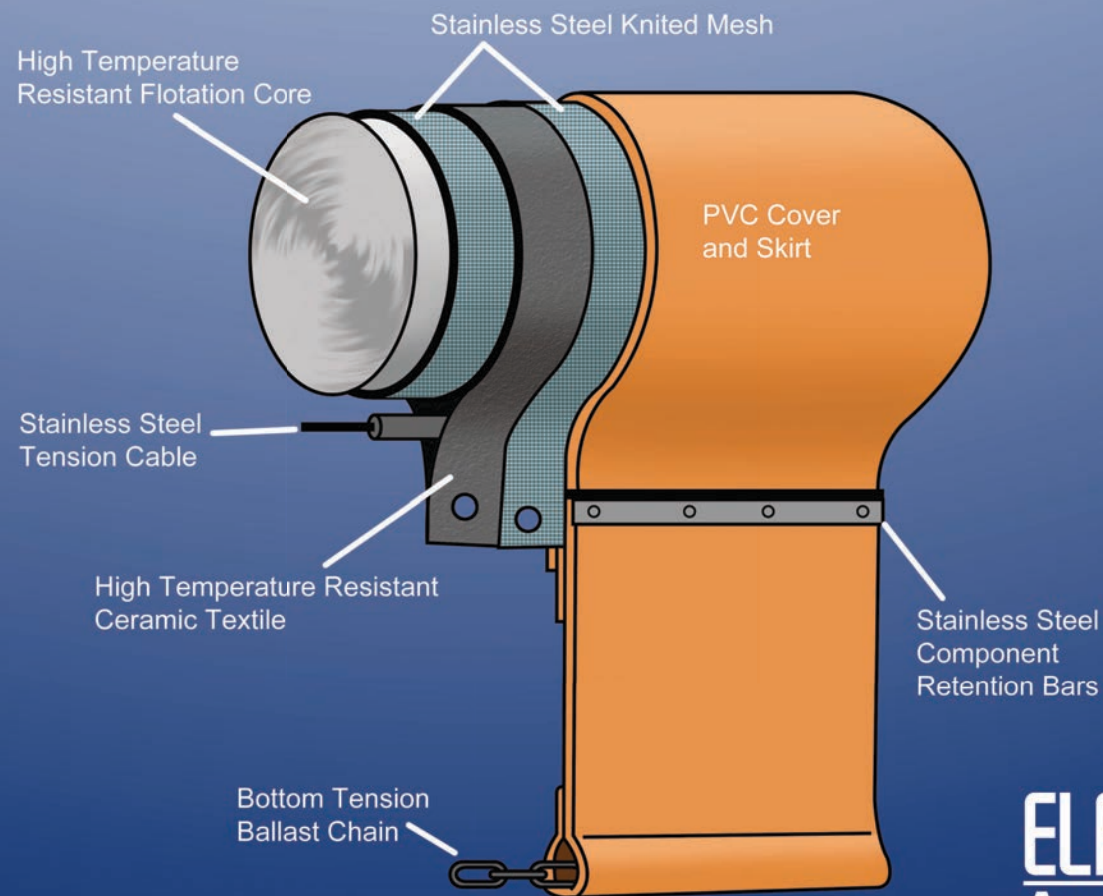
American Fireboom

American Fireboom MkII is a floating containment barrier that looks and behaves like a conventional boom but can support deliberate controlled combustion. It employs a unique high-temperature resistant core and ceramic fabric components that retain their integrity from -65 F to more than 2,000 F.



American Fireboom

This boom is manufactured in high temperature resistant materials including stainless steel knitted mesh, ceramic flotation, built in stainless steel tension cable (below the water) and covered with sacrificial PVC fabric. Two sizes are available; typically the smaller model is used for inland, swamps and rivers.



American Fireboom

| | | |
|--------------------|---------------------------------|----------------------------------|
| Total height: | 30 inch / 760mm | 20 inch / 508mm |
| Float: | 12 inch / 300 mm | 8 inch / 203mm |
| Skirt: | 18 inch / 450mm | 12 inch / 305mm |
| Weight: | 8.1 lbs/ft / 12 kg/m | 5.1 lbs/ft / 7.7kg/m |
| Section length: | 50ft / 15m | 50ft / 15m |
| Breaking strength: | 12,500 lbs / 5,669 kg | 5,000 lbs / 2,268 |
| Storage volume: | 77 cu/ft / 2.2 cu.m per section | 24 cu/ft / 0.68 cu/m per section |

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Photo by SINTEF

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