



PFM Disaster Relief

Solution for fast emergency response
& temporary Infrastructures



Emergency capacity for public or private response forces

Many countries are facing extreme weather events on a regular basis, PFM is the solution for both a **quick emergency response** and a temporary **infrastructure replacement**

A 3-in-1 dual-use Equipment:

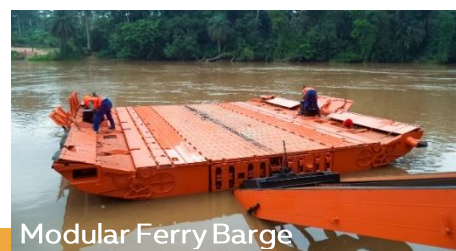
Originally a defense driven system, the PFM is also fitted for civilian and humanitarian purposes. The PFM is a 3-in-1 bridging solution. It can be used as a bridge to replace previously collapsed or damaged structures. It can also be used as a ferry to ensure a daily passage of goods, persons & vehicles from one bank to another. Finally, it is also a "short-gap" crossing solution to enable a safe passage over small breaches that can be caused by various natural disasters.

Shallow water, self-propelled barges:

The PFM can be used in shallow water from 0.6m depth onwards. Its integrated two-strokes outboard engines make it a very maneuverable flatboat. Both engines are foldable if need be to reach even more shallow areas.



"Short-Gap" Crossing Ramps



Modular Ferry Barge



KEY DATA

5000m
Of PFM sold worldwide. That represents more than 500 barges in service.

20 000 kg
Of loading capacity for a single PFM Barge element.

5'
Time need to launch a single PFM Pontoon and start the engines

10 km/h
Cruise speed to counter water current with 2x90HP engines



"damaged bridge" replacement

High reach, damaged bank adapted Ramps:

The PFM ramps can reach up to 3m high banks and their 13-meter long span makes them a great tool to access and overcome damaged or embossed banks.



Low Clearance kit for replacement bridge

A rugged solution used in harsh environment:

The PFM can be used in all weather conditions, ranging from Sub-Saharan Africa or Equatorial Asia to inland European winters. As such, it can be used in both brackish water and estuary water provided a standard cleaning maintenance is done on a monthly basis.

The structure of the PFM barge is very rigid making it resistant to water debris that occur in post disaster water flows. In the eventuality of a damage the structure can be easily repaired by a local mechanical maintenance office.

Well equipped for emergency situations

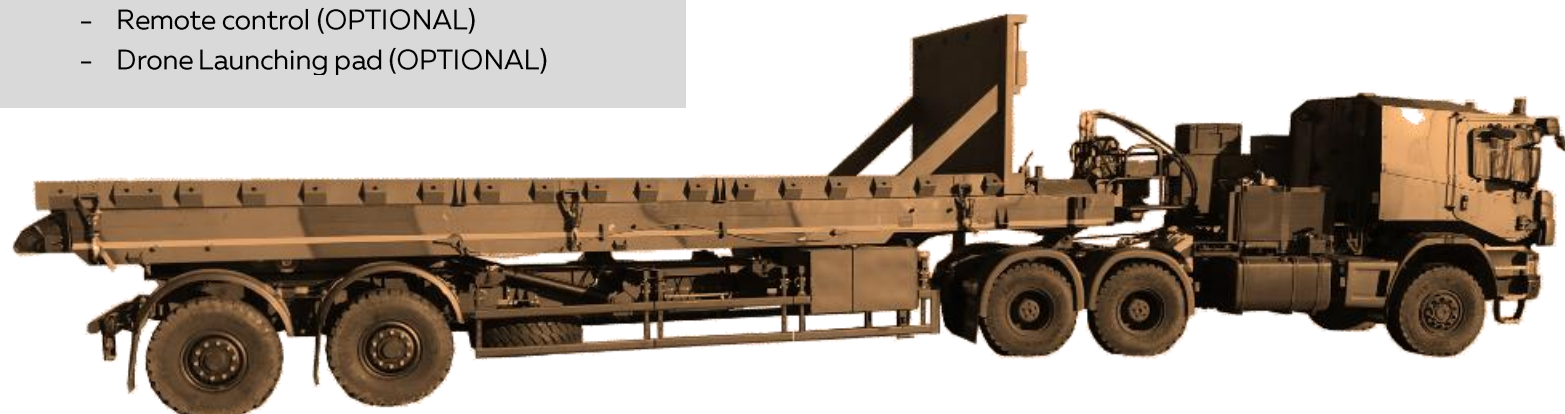
Each PFM system is equipment with:

- Red & Green Navigation Lights
- Raising Panels
- Hydraulic Power Unit
- 50m Anchor
- Spare Fuel tanks
- 24 V Batteries
- Fire Extinguisher
- Medical Aid Kit
- Telescopic Props
- Remote control (OPTIONAL)
- Drone Launching pad (OPTIONAL)

A complete, high mobility, logistic support solution:

The PFM barges and ramps are carried on a 4x4 semi-trailer powered by a 6x6 all terrain truck. A complete set of PFM barges with ramps can travel to the emergency location quickly even when roads are deteriorated or destroyed. If needed it is designed to be transported via boats, train or plane to a remote location.

The PFM Semi-trailer can also be used as a freight carrier to transport first necessity goods or equipment up to 15t to remote location. The transport cradle included in the set can be dropped on the ground for easily loading and unloading.





When the speed of response and the
right equipment matter: think **PFM**.

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