



PFM F3

The New Generation
Motorized Floating Bridge

CNIM Systèmes Industriels provides **high performance world class floating bridges** to global Land Forces for military & disaster relief operations.

The Motorized Floating Bridge (PFM) is a **solution dedicated to continuous or discontinuous crossing of wet gaps** for **MLC 90T/100W** class vehicles (according to STANAG 2021 standards). It can also be used for **civilian operations**, during natural disasters for example.



**MLC 90T/100W
Crossing Capability**

**No auxiliary
boats**

**Automatic
Pre-locking**

Integrated OBM

Remote Control

Hydraulic Ramp

Fast & Easy contruction and recovery
/ Automatic Pre-locking
/ Integrated Outboard Engines

Excellent maneuverability & performance on water
/ High Performance Diesel Outboards
/ 360° Rotation Capacity

Significant reduction of logistical footprint
/ No auxiliary boats
/ Remote control & command

Cost efficiency
/ Reduced Capital Expenditure
/ Reduced Infrastructure, training & maintenance costs



Both **a bridge and a ferry** to answer field stakes, the PFM is the chosen tactical solution of Land Forces worldwide.

PFM New Generation Configuration

CNIM Systèmes Industriels has continuously improved the PFM over the years to meet the requirement of NATO armies and doctrines.

The New Generation Motorised Floating Bridge is composed of several sub-systems offered in different configurations. **The PFM is thus the most flexible solution on the market, the two main configurations of which are the PFM LG and the PFM XP** (other configurations are available on demand).

PFM XP : logistical efficiency & tactical performance

▲ LAUNCHING SYSTEM
FLATRACK PALLET



▲ INTERIOR SECTION
6,75m SHORT SECTION



PFM
XP

▲ CARRIER
8x8 MILITARY TRUCK



▲ RAMP
7m FLOATING RAMP



Both ramp systems can be fitted on any basic configuration

PFM LG : performance & cost efficiency

▲ LAUNCHING SYSTEM
SEMI-TRAILER



▲ RAMP
13,6m TACTICAL RAMP



PFM
LG

▲ CARRIER
6x6 PRIME-MOVER



▲ INTERIOR SECTION
10m LONG SECTION





PFM LG : performance & cost efficiency



The 6x6 prime mover with semi-trailer offers high land mobility on rough terrain



Fastest operational deployment for given length & retrieving
Proven launching system



Optimised Cost & Logistical Footprint with 10m long Sections



Multi purpose tactical ramp* :
/ no bank preparation
/ interoperability with other floating bridges
/ dry gap crossing
* The multi purpose tactical ramp is also available for the PFM XP configuration

PFM LG configuration performances

Mode	Configuration	MLC	Staff*	Time to build	Compatible Vehicle(s)
Ferry	3 Long Sections + 2 Tactical Ramps	70 T 60 W	5 engineering staff + 5 drivers	15 min	LECLERC / LEOPARD 2 APC / IFV
Ferry	4 Long Sections + 2 Tactical Ramps	90 T 80 W	6 engineering staff + 6 drivers	20 min	ABRAMS M1 / CHALLENGER RECCE
100m Bridge	9 Long Sections + 2 Tactical Ramps	90 T 100 W	11 engineering staff + 11 drivers	30 min	All NATO Véhicules

* with the remote control & command system



PFM XP : logistical efficiency & tactical performance



8x8 Military Standard Trucks ensure high maneuverability & less qualified personnel



Enhanced maneuverability on the water, seamlessly switching between longitudinal & transversal navigation



Floating Ramp*
/ high speed entrance
/ easy to transport
/ enhanced floatability
* The floating ramp is also available for the PFM LG configuration



Easy deployment for overseas operations
Reduction of logistic footprint
/ 2 x A400M to transport an MLC40 Ferry
/ Over 4 500 km distance

PFM XP configuration performances

Mode	Configuration	MLC	Staff*	Time to build	Compatible Vehicle(s)
Ferry	2 Short Sections + 2 Floating ramps	50 T 40 W	4 engineering staff + 4 drivers	15 min	RECCE APC / IFV
Ferry	4 Short Sections + 2 Floating ramps	85 T 75 W	6 engineering staff + 6 drivers	20 min	LECLERC / LEOPARD 2 RECCE
100m Bridge	13 Short Sections + 2 Floating ramps	90 T 100 W	15 engineering staff + 15 drivers	30 min	All NATO Véhicules

PFM New Generation



CNIM Systèmes Industriels, a long standing partner of Armed forces since 1856



Worldwide
clients & partners



490
employees



90 millions €
revenues

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