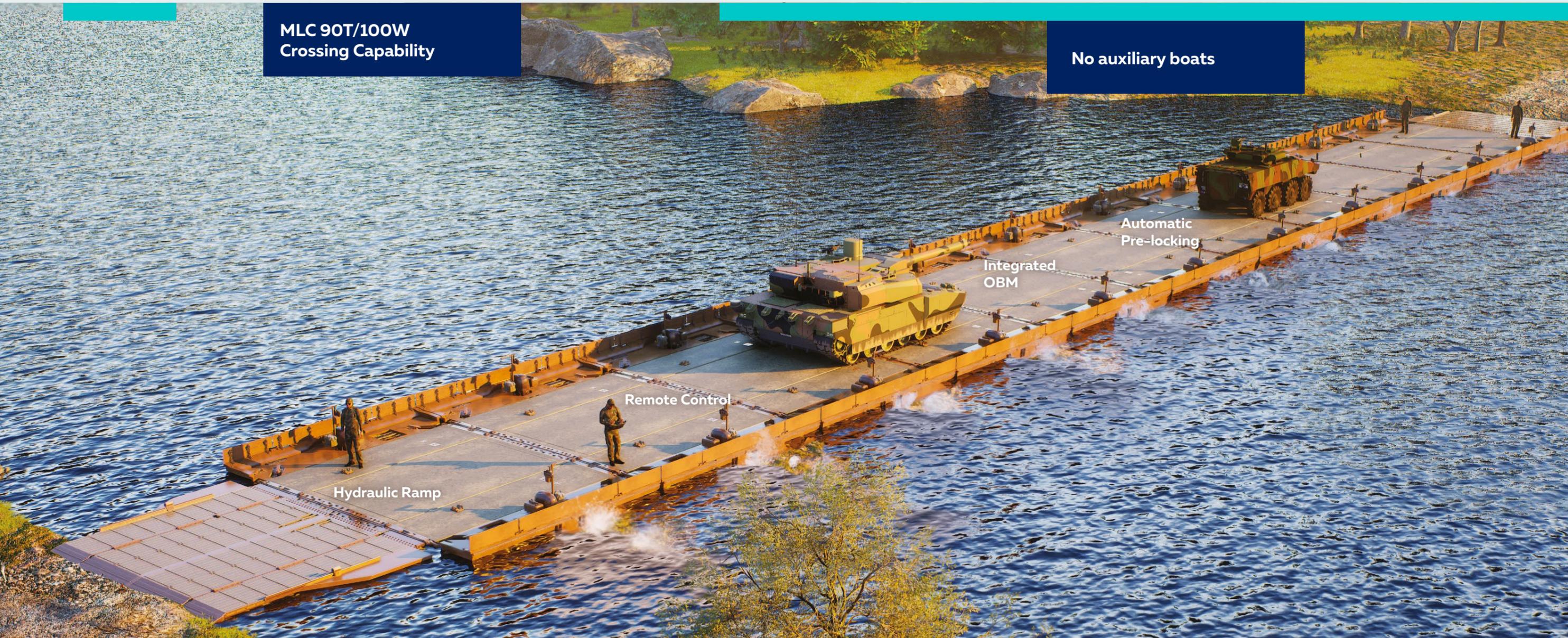




The New Generation  
Motorized Floating Bridge

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. It can also be used for **civilian operations**, during natural disasters for example.



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

**No auxiliary boats**

Hydraulic Ramp

Remote Control

Integrated OBM

Automatic Pre-locking

**Fast & Easy construction 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

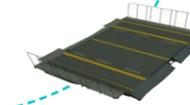
LAUNCHING SYSTEM  
FLATRACK PALLET



SHORT SECTION  
6,7m

PFM  
XP

CARRIER  
8x8 MILITARY TRUCK



FLOATING RAMP  
6,7m

Both ramp systems can be fitted on any basic configuration

## PFM LG : performance & cost efficiency

LAUNCHING SYSTEM  
SEMI-TRAILER



TACTICAL RAMP  
13,6m

PFM  
LG

CARRIER  
6x6 PRIME-MOVER



LONG SECTION  
11m



## 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



The bridge or ferry can be assembled very quickly, giving the armed forces great agility in operations.



**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         | Time to build | Compatible Vehicle(s)                                 |
|-------------|-------------------------------------|-------------|---------------|---|
| Ferry       | 3 Long sections<br>2 Tactical ramps | 75T<br>75W  | 15 min<br>🕒   | Leclerc, Leopard, Abrams tanks<br>Multiple : APC, IFV |
| Ferry       | 4 Long sections<br>2 Tactical ramps | 90T<br>96W  | 20 min<br>🕒   | New generations tanks<br>Multiple : APC, IFV          |
| 100m Bridge | 8 Long sections<br>2 Tactical ramps | 90T<br>100W | 30 min<br>🕒   | All vehicles<br>Loaded tank transporter               |

## 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



**Aerotransportable**  
/ A400M  
/ C17

## PFM XP configuration performances

| Mode        | Configuration                         | MLC         | Time to build | Compatible Vehicle(s)                       |
|-------------|---------------------------------------|-------------|---------------|---|
| Ferry       | 2 Short Sections<br>2 Floating ramps  | 40T<br>40W  | 15 min<br>🕒   | IPV<br>APC                                  |
| Ferry       | 4 Short Sections<br>2 Floating ramps  | 85T<br>85W  | 20 min<br>🕒   | New generation tanks<br>Multiple : APC, IFV |
| 100m Bridge | 13 Short Sections<br>2 Floating ramps | 90T<br>100W | 30 min<br>🕒   | All vehicles<br>Loaded tank transporter     |



NEW GENERATION

Improve your crossing capabilities

# CNIM Systèmes Industriels

a long standing partner  
of Armed forces  
since 1856



Worldwide  
clients & partners



400  
employees

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