



# STEEL RIBBON BRIDGE



Floating Bridge and  
Ferry System



# STEEL RIBBON BRIDGE – SRB



## The SRB from CEFA

The SRB is both a floating bridge and ferry designed for wet gap crossing for Tracked and Wheeled vehicles up to MLC 85T, 120W.

The SRB is designed to be NATO compatible, powerful, multi-purpose and flexible in its use. It can be easily deployed by an army engineers unit after a short period of training. The SRB is a rustic system, easy to maintain, with low life cycle cost. It can be transported by any civilian or military truck equipped with standard hooklift.

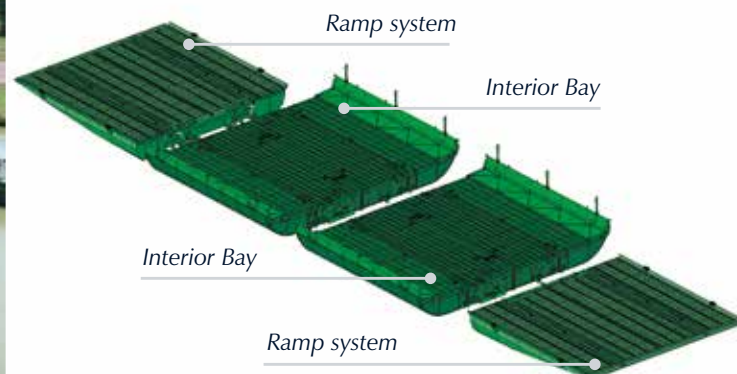
The SRB is implemented using any Bridge Erection Boat.



## SRB PERFORMANCES

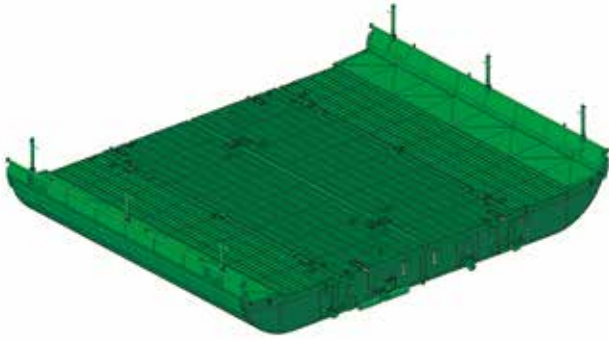
- Implementation of 100 m bridge in approx. 30-45 minutes
- MLC 85T/120W for bridges and ferries
- Operable in water with current up to 3 m/s
- Draft at full load limited at 0.5 m
- NATO compatible

## CONFIGURATION OF A 2 BAYS + 2 RAMPS SYSTEMS FERRY





# SRB MAIN FEATURES



## INTERIOR BAY

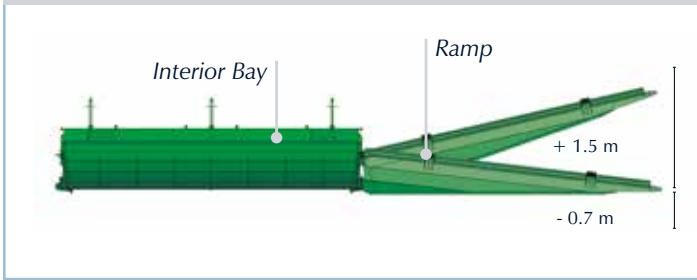
Total length:	<b>6.7 m</b>
Width folded / Width unfolded:	<b>3.3 m / 8.6 m</b>
Height folded / Height unfolded:	<b>2.4 m / 1.4 m</b>
Material:	<b>high grade steel</b>
Total weight:	<b>7.9 T</b>



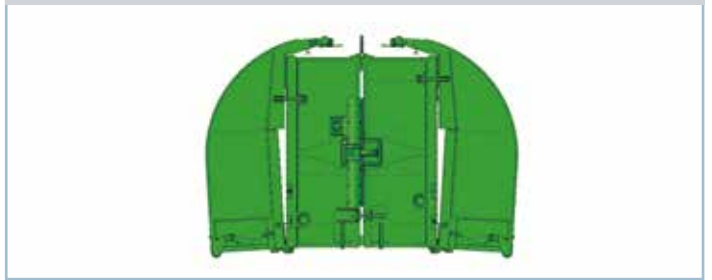
## RAMP SYSTEM

Total length:	<b>6.7 m</b>
Width folded / Width unfolded:	<b>3.9 m / 7 m</b>
Height folded / Height unfolded:	<b>1.9 m / 1 m</b>
Material:	<b>high grade aluminum</b>
Total weight:	<b>6 T</b>
Maxi height of bank achievable:	<b>1.5 m</b>

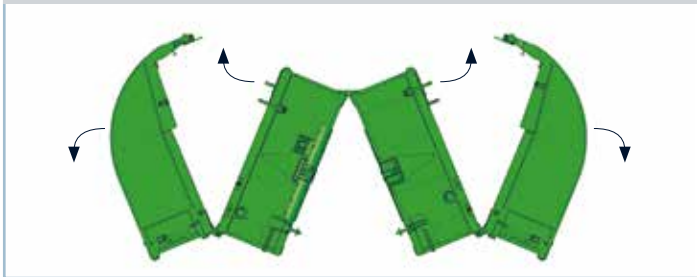
### RAMPS MOVEMENTS



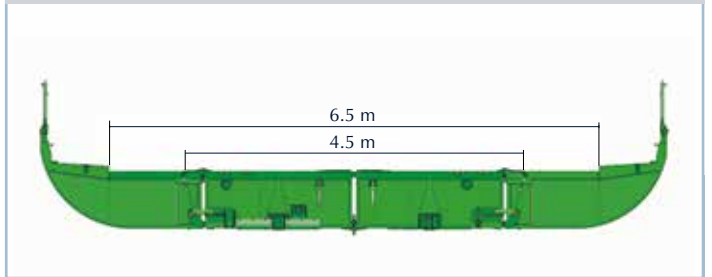
### INTERIOR BAY FOLDED



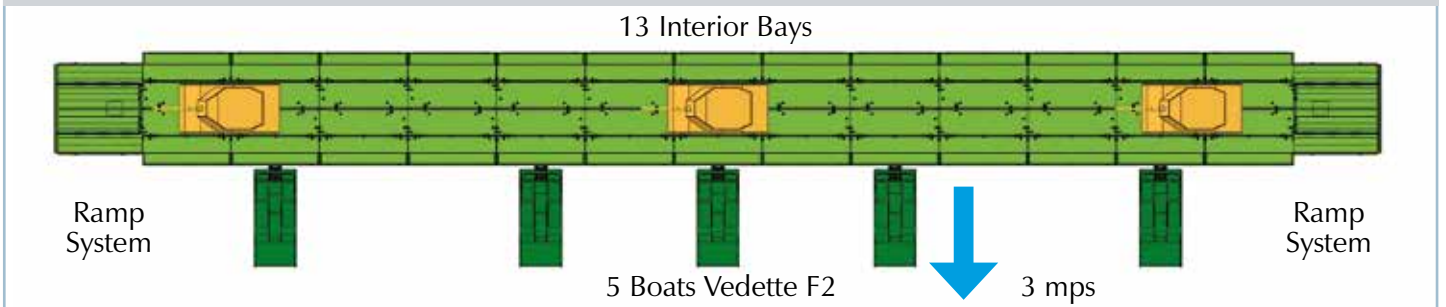
### UNFOLDING PROCESS



### ROADWAY AREAS



### 100 M. FLOATING BRIDGE



## GENERAL CHARACTERISTICS

### FERRY OPERATION (RAFT)

Payload:	<b>MLC 85T, 120W</b>
Roadway width	
Single lane loading:	<b>4.5 m</b>
Ferry configuration :	<b>6 x Interior Bays and 2 x Ramps</b>
Bridge Erection Boats required for ferry operations:	<b>1 bridge Erection Boat per 2-3 bays</b>
e.g. construction time for 4-bay ferry:	<b>approx. 15 mn.</b>

### BRIDGE OPERATION

Payload:	<b>MLC 85T, 120W</b>
Roadway width	
Single lane traffic:	<b>4.5 m</b>
Two lanes traffic:	<b>6.5 m</b>
100 m Bridge configuration:	<b>13 x Interior Bays and 2 x Ramps</b>
e.g. implementation time for 100 m bridge with 5 Bridge Erection Boats:	<b>approx. 30-45 mn.</b>

### LAND TRANSPORTATION

Any 6x6 or 8x8 civilian or military truck equipped with standard hooklift

### AIR TRANSPORTATION

Complete Interior Bay or complete Ramp System: **C-17, C-5, A 400M**



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### CERTIFICATION & QUALITY

Our activities in the Defence involve perfect mastery of our management and product processes. Our various certifications demonstrate our desire for excellence in satisfying your needs.

- ISO 9001 – 2015
- ISO 3834-2

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