



STEEL RIBBON BRIDGE



Floating Bridge System



SRB - STEEL RIBBON BRIDGE



The SRB Steel Ribbon Bridge from CEFA

The SRB Steel Ribbon Bridge is both a floating bridge and ferry designed for wet gap crossing of wheeled or tracked vehicles up to MLC 85T,120W.

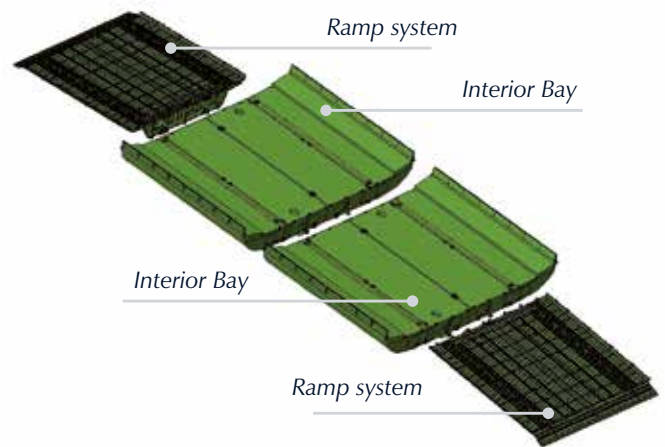
The SRB is a crossing system that is designed to be powerful, multi-purpose and flexible in its use. It can be easily deployed by an engineers' unit after a short period of instruction. In addition it requires minimal maintenance. It is not dedicated to one particular transporter vehicle, and the universal flatrack gives it great adaptability in operations. The SRB is designed for air, marine, train and road transportation. The SRB is operated by work boats that belong to the CEFA Vedette F2 class.



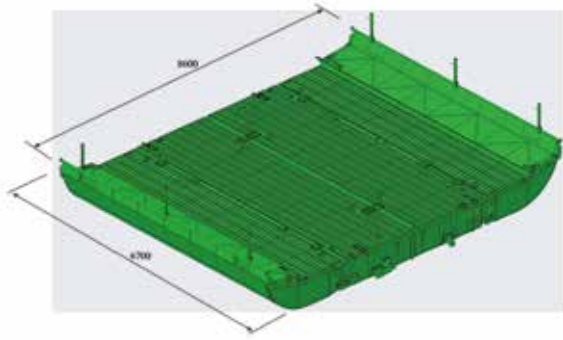
SRB PERFORMANCES

- Construction of a 100 m (328 ft) bridge in approx. 30-45 minutes
- MLC 85T,120W for bridges and ferries
- Operable in water current up to 3 mps

CONFIGURATION OF A 2 BAY + 2 RAMP SYSTEMS FERRY

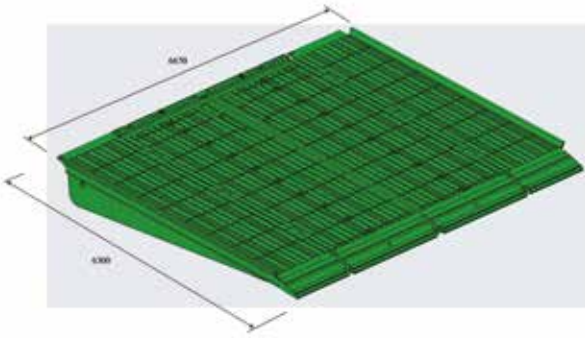


SRB MAIN FEATURES



INTERIOR BAY

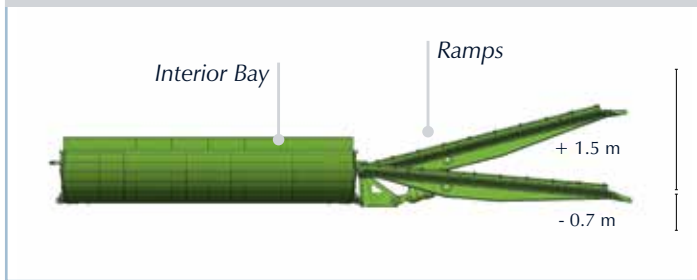
Total length: **6.70 m**
 Width folded / Width unfolded: **3.35 m / 8.60 m**
 Height folded / Height unfolded: **2.40 m / 1.40 m**
 Material: **high grade steel**
 Total weight: **7.95 T**



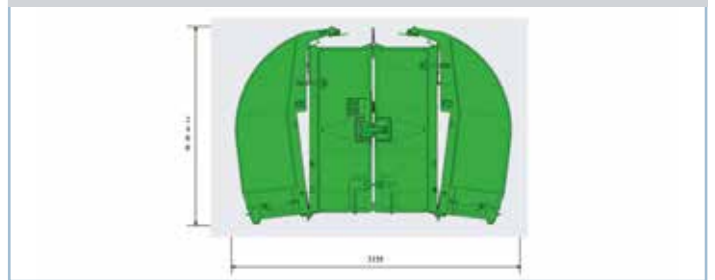
RAMP SYSTEM

Total length: **6.30 m**
 Material: **high grade aluminum**
 Total weight: **5 T**
 Total width: **6.65 m**
 Maxi height of bank achievable: **1.50 m**

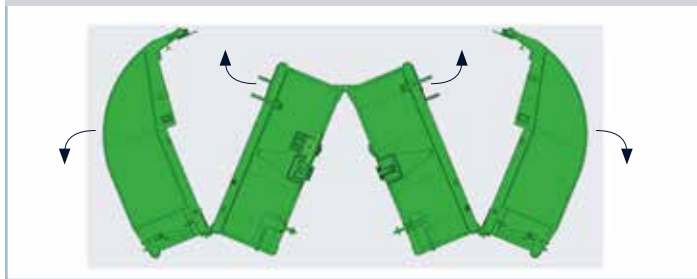
RAMPS MOVEMENTS



INTERIOR BAY FOLDED



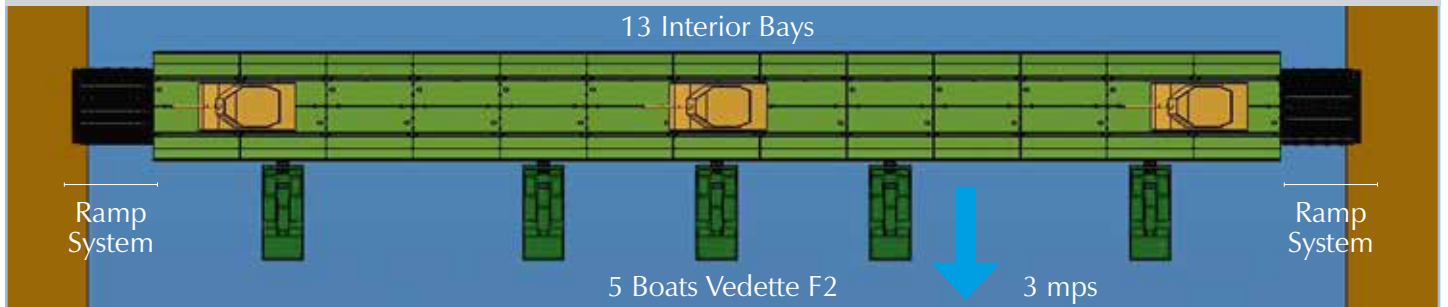
UNFOLDING PROCESS



ROADWAY AREAS



100 M. FLOATING BRIDGE



GENERAL CHARACTERISTICS

FERRY OPERATION

Payload:	MLC 85T,120W
Usable deck width	
Single lane loading:	4.50 m
Ferry combination: MLC 80	6 x Interior Bays and 2 x Ramp Systems
Tug-boats required for ferry operations:	1 bridge work boat per 2-3 bays
e.g. construction time for 4-bay ferry:	approx. 15 min.

BRIDGE OPERATION

Payload:	MLC 85T,120W
Usable deck width	
Single lane traffic:	4.50 m
Two lanes traffic:	6.50 m
100 m bridge:	13 x Interior Bays and 2 x Ramp Systems with 5 bridge work boats
e.g. construction time for 100 m bridge:	approx. 30-45 min.

LAND TRANSPORTATION

Any 6x6 or 8x8 truck equipped with the launching system

AIR TRANSPORTATION

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



...À LA FOLIE - RC 353 362 114 - DE.03.05 C



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 + AD Merkblatt HPO

1, Route de Woerth CS 40011
67250 Soultz-sous-Forêts • France
Tel. +33 3 88 63 35 00 • Fax +33 3 88 80 50 05
www.cefa.fr