



**APPROACHING
MARGINS...
CONNECTING
THE WORLD!**

MBS
MODULAR BRIDGE SOLUTIONS

BY **BERD**®

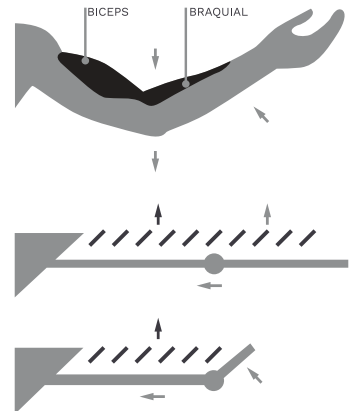
BACKGROUND

BERD IS ONE OF THE WORLD'S LEADING COMPANIES IN METHODS AND SOLUTIONS FOR BRIDGE AND VIADUCT CONSTRUCTION.

BERD WAS ESTABLISHED IN 2006 TO COMMERCIALY EXPLOIT THE ORGANIC PRESTRESSING SYSTEM (OPS).

OPS IS AN INNOVATIVE CONCEPT BASED ON HUMAN MUSCLES, DEVELOPED BY A TEAM FROM THE FACULTY OF ENGINEERING OF THE UNIVERSITY OF PORTO (FEUP).

CURRENTLY APPLIED TO BRIDGE AND VIADUCT CONSTRUCTION EQUIPMENT, THE OPS HAS A MULTITUDE OF NEW APPLICATIONS, SOME OF THEM UNDER DEVELOPMENT.



THE CURRENT REALITY

TODAY, THE EFFECT OF WEATHER CONDITIONS, NATURAL DISASTERS AND CONFLICTS HAVE MADE IT NECESSARY TO COME UP WITH ALTERNATIVES TO ENSURE THE FREE MOVEMENT OF PEOPLE AND GOODS.

THE SOCIO-ECONOMICAL IMPACT, CAUSED BY THE RESTORATION OR REPLACEMENT OF WEAKENED OR DAMAGED STRUCTURES, AS WELL AS THE OPTIMIZATION OF ROUTES AND LOGISTIC TRACKS FOR RESOURCES TRANSPORTATIONS ARE, TODAY, KEY ISSUES.

IT WAS BECAUSE WE RECOGNISE THESE NEEDS, AND THE HIGH SKILLS AND SUITABILITY OF BERD'S TECHNOLOGY, THAT MBS WAS CREATED IN 2016

SCOPE OF ACTIVITY

DEVELOPMENT

DESIGN

MANUFACTURE

ASSEMBLY

OF MODULAR BRIDGE SOLUTIONS FOR SALE OR RENT, FOR CIVIL AND/ OR MILITARY APPLICATIONS ACROSS THE GLOBE.



OUR PRODUCTS

MAIN ATTRIBUTES

MODULAR, PRE-ENGINEERED AND PRE-FABRICATED BRIDGE SYSTEM

STANDARD INTERCHANGEABLE COMPONENTS

HIGHLY ADAPTABLE, FULLY REUSABLE AND RE-LOCATABLE

TRANSPORTED IN STANDARD ISO CONTAINERS

QUICK AND SIMPLE TO ASSEMBLE USING UNSKILLED LABOUR

FULLY GALVANISED FOR LONG LIFE AND MINIMUM MAINTENANCE

APPLICATIONS

PERMANENT AND TEMPORARY BRIDGES

CIVIL OR MILITARY (MLC110W/80T)

LOGISTIC SUPPORT BRIDGING

EMERGENCY RESPONSE STRUCTURES

REPLACEMENT OF DAMAGED BRIDGES

OVER BRIDGING FOR WEAK STRUCTURES

DISASTER RELIEF BRIDGING



WE ARE BERD

ONE BRIDGE, ONE SOLUTION



TAYLOR-MADE SOLUTIONS

MULTIPLE APPLICATIONS

NEW LIMITS

SPANS UP TO 120 METERS

OPTMIZATION

RESOURCES, ASSEMBLE & LAUNCHING TIMES

INNOVATION

LOWER DEFLECTION; WITHOUT LOAD RESTRICTIONS

ENDURANCE

PERMANENT & TEMPORARY



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MBS - Modular Bridge Solutions

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PORTUGAL
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