

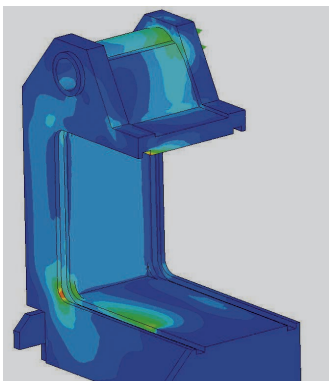


RELIABLE INNOVATION





EXPERIENCE TECHNOLOGY QUALITY





THE COMPANY

OFFICINE MECCANICHE BBM SPA was established in 1965 as a manufacturer of fabricated **parts for the steel, energy and marine industries.**

We are now working with the most important European companies in these fields. With our experience working in the heavy engineering sector, in 1987 we decided to expand our business by creating a **“Railway Division”** and today we are well known all over the world and considered to be one of the leading companies in this sector.

Our main products are:

- **Wheelset Presses**
- **Bogie Testing Benches**
- **Lifting and Handling Systems**
- **Testing Equipment**
- **Special Equipment**

Thanks to a highly qualified and committed staff of more than 120 employees, **we are able to manage the entire manufacturing cycle, from design to final installation and after-sales service**, providing high-quality products and services tailored to suit customer requirements.

BBM has a certified management system that complies with the following standards: ISO 9001 for Quality, ISO 14001 for Environment, ISO 45001 for Safety, ISO/IEC 27001 for Information Security, EN 1090-2 for the production of steel structural components, ISO 3834-2 for welding.

公司简介

BBM 机械股份公司成立于1965年，当时主营钢铁，能源和船舶工业配件。

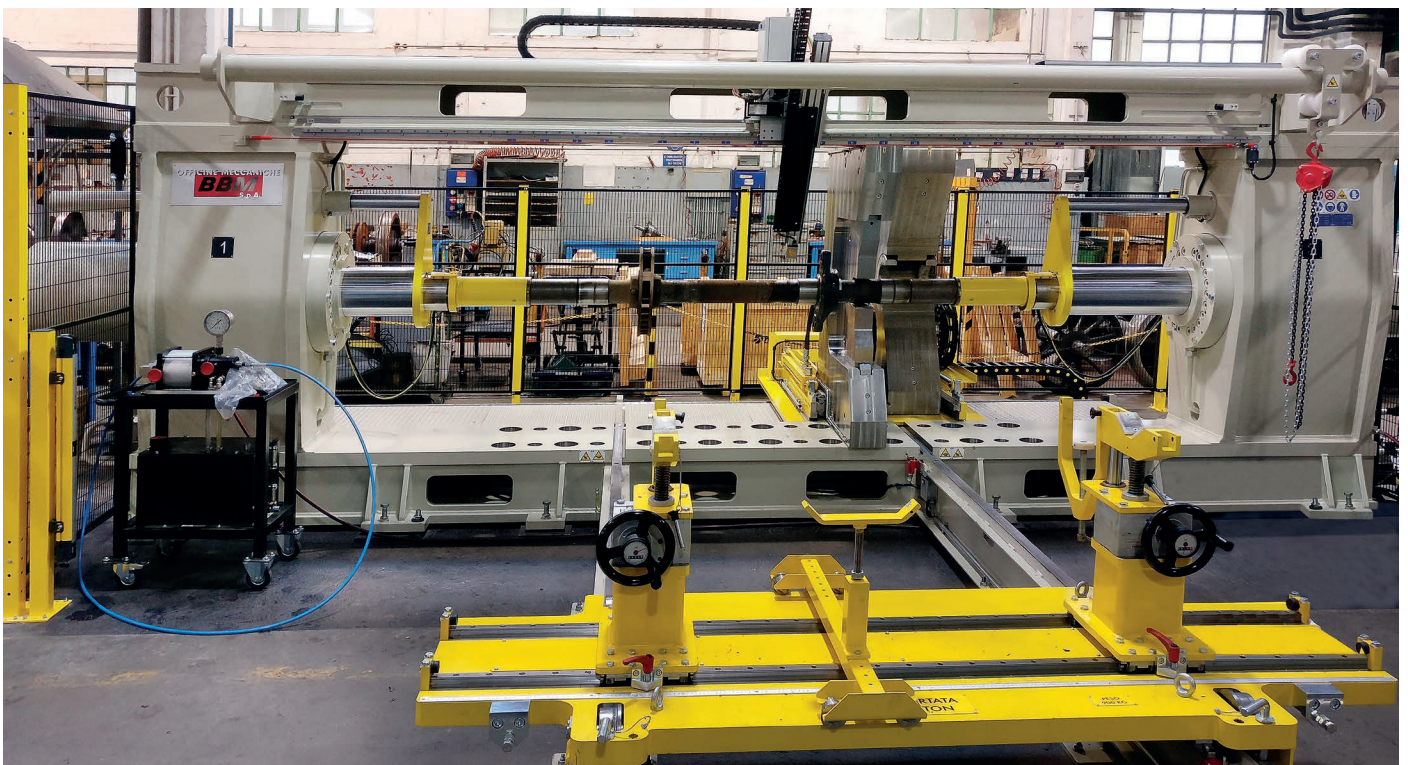
目前我们仍与此领域的大部分重要企业有业务合作。基于我们在重型工业区域的丰富实践经验，于1987年，我们将业务范围拓展到“铁路领域”。如今在全世界范围内我们也是铁路行业内的领军企业之一。

我们的主要产品是：

- **轮对压装机**
- **转向架实验台**
- **升降和平移系统**
- **检测设备**
- **特种专用设备**

我们拥有超过120人的专业团队，能够控制整个制造环节，从设计到最终安装以及售后服务，在满足客户对产品高质量需求的同时也提供优质服务。

BBM已取得下列认证管理体系的认证：ISO 9001质量认证、ISO 14001环境认证、ISO 45001安全认证、信息安全ISO/IEC 27001、EN 1090-2钢材结构制造认证、以及ISO 3834-2焊接认证。

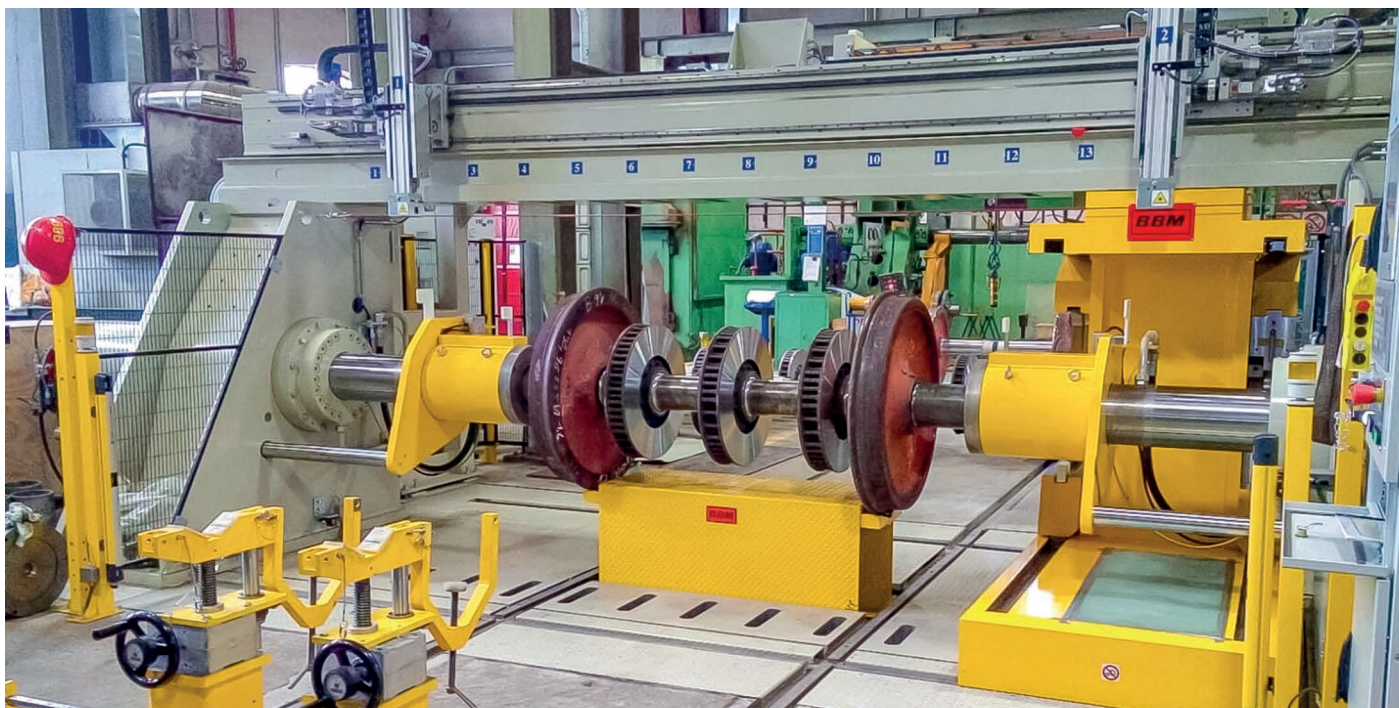


Wheelset Presses for Mounting, Dismounting and Testing of Wheelsets

BBM manufacture a wide range of wheelset presses from basic single cylinder machines that are simple and reliable for low output and maintenance purposes, to fully automatic double cylinder machines for

high output applications. BBM can also supply tailored solutions for fully automatic wheelsets assembly lines. Our wheelset presses are able to print reports according to Standards EN 13260, UIC 813, GOST 11018-2000, AAR MSRP Section 6 and NF F01-126.

PRESSES



轮对压装机用于轮对压装/退卸及检压实验
BBM 制造的压装机系列广泛适用于
免维护低生产率的简易基础单缸作业以及满负荷生产的自动化双缸设备。
BBM也提供可由用户定制的全自动轮对装配线。

我们的轮对压装机能够根据EN 13260, UIC 813, GOST 11018-2000 和 AAR MSRP Section 6和NF F01-126的标准设计打印的报告。

压装机



Bogie Testing Benches for Mounting, Dismounting and Testing of Bogies and Springs

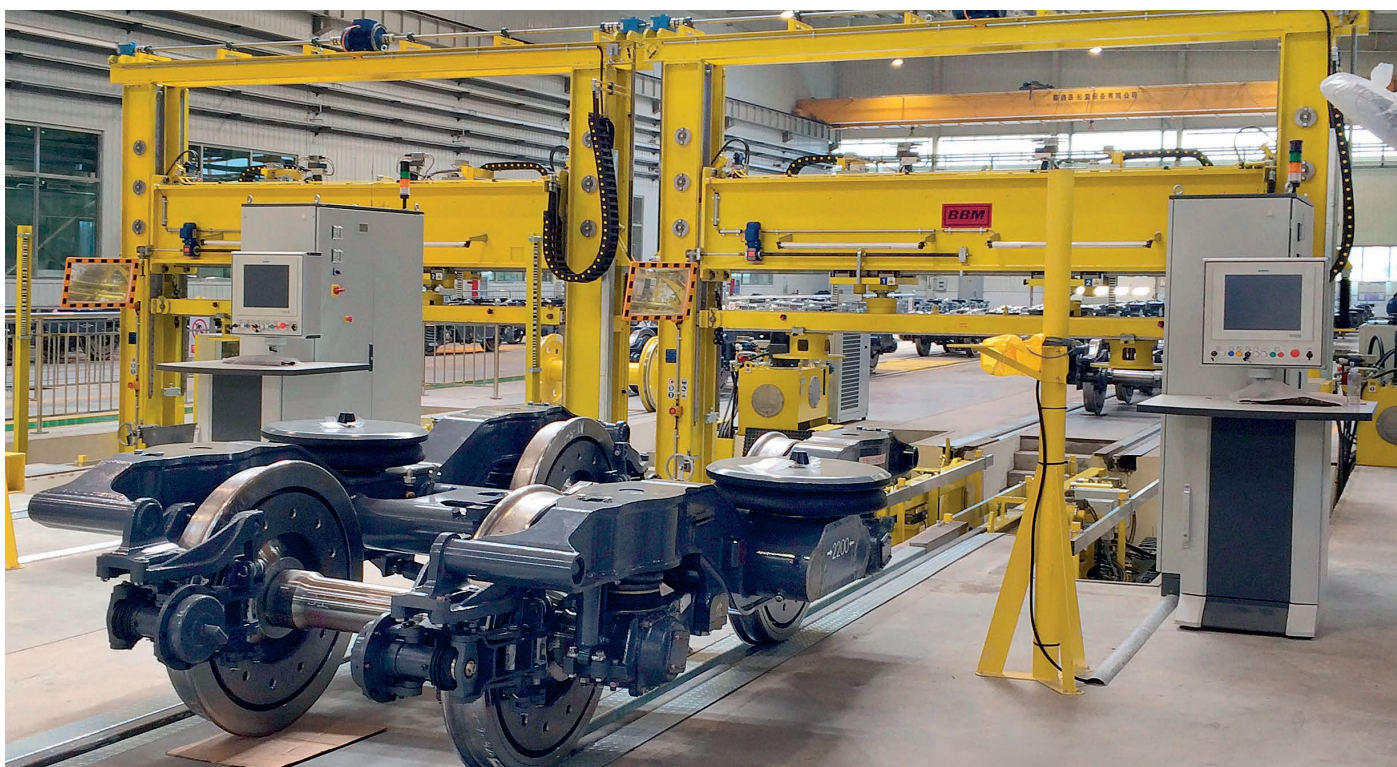
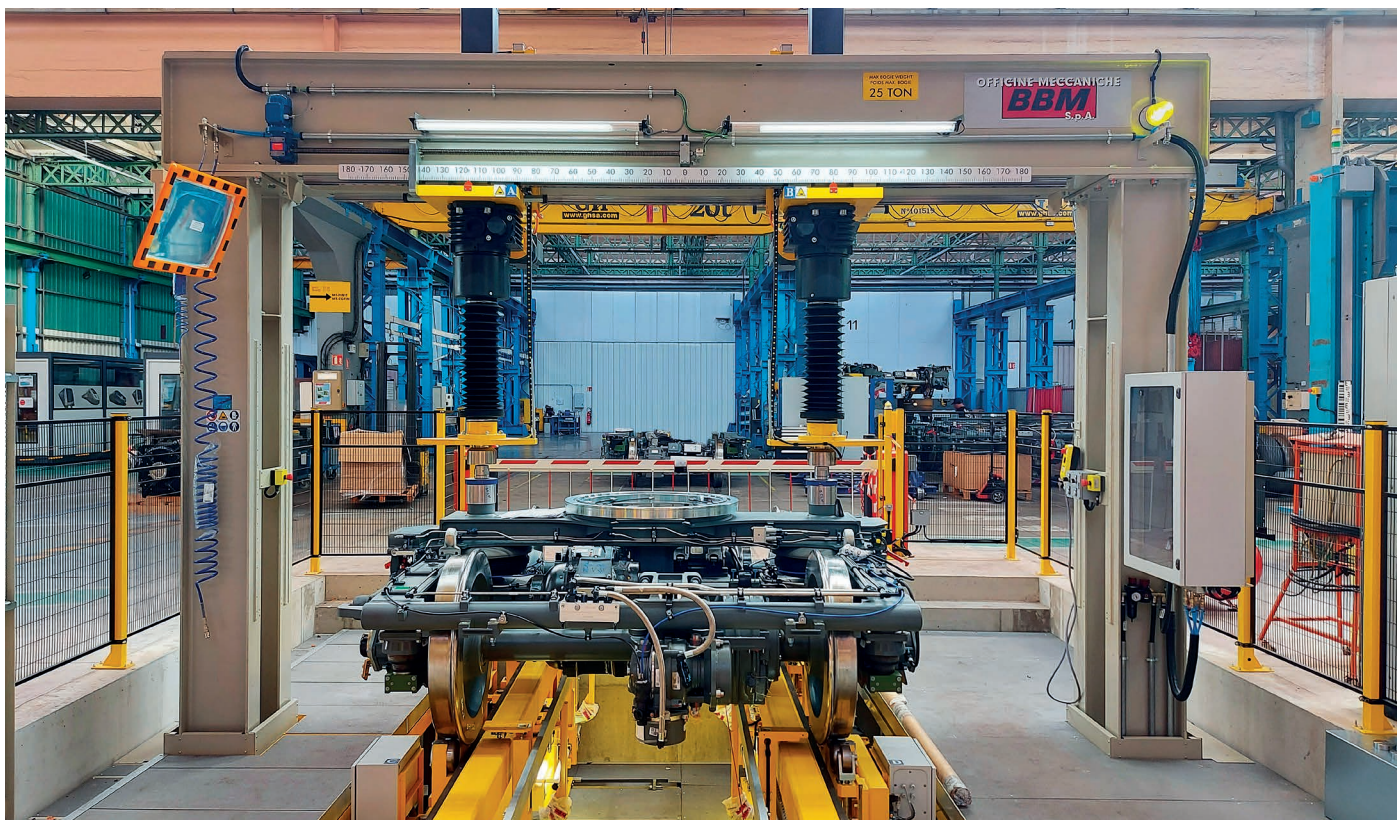
BBM manufactures bogie stands for mounting and dismounting equipment on bogies and testing bogies before they are installed onto the rail vehicles.

Our bogie testing benches can be installed in a pit so that the rails are at floor level, or on standard industrial floor, dependent on

customer requirements.

Bogie presses range from very simple machines, for mounting and dismounting operations only, to complex solutions that can deal with multiple rail gauges and measurement of a large number of parameters on the bogie such as wheel gauge, axle parallelism, axle distance, axle diagonal, wheel diameter, wheel distance, shim calculations etc.

BOGIE TESTING



转向架实验台用于转向架和弹簧装配/拆卸及检验实验

BBM 制造的转向架试验台是转向架在装配到车辆之前进行装配/拆卸和检验的设备。我们的转向架实验台能够安装在地坑内保持自带轨道与地面持平，或安装在标准工业地面上均取决于用户的要求。

转向架实验台系列适用广泛，可用于装配/拆卸的简易操作也可用于复参数的转向架实验，如多种轨距和测量轮距、轴平行度、轴距、轴对角线、轮径、轮距以及垫片计算等。

转向架实验台

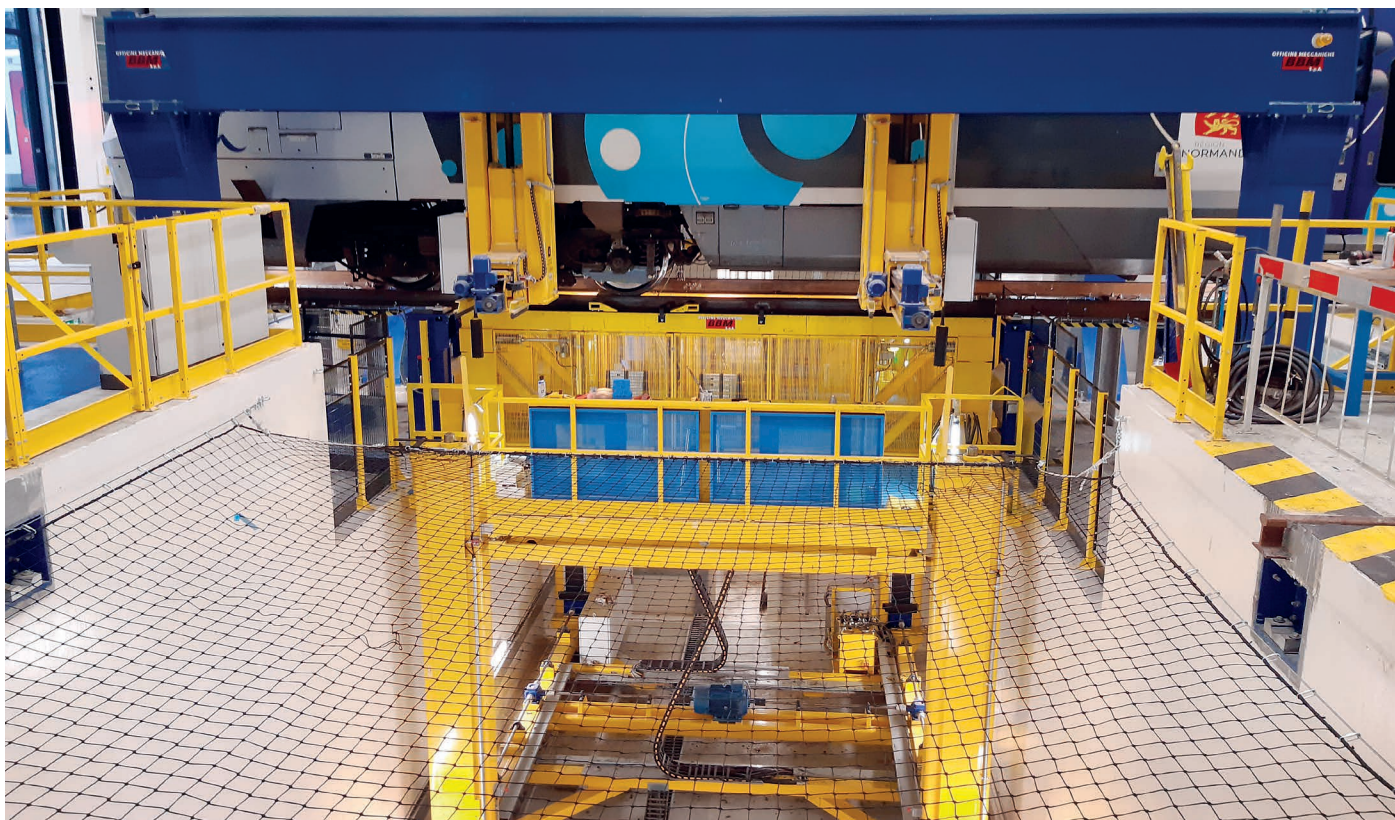


Bogie and Wheelset Drops

BBM bogie and wheelset drops (which can be screw or scissor type) can be used to remove bogies or wheelsets while the train is located and supported over the table top. The bogie (or wheelset) is unfastened,

lowered, laterally transferred and raised to a release track. It can then be moved to a maintenance area where inspection and repair can be performed. This equipment allows a limited train stop at maintenance depot.

LIFTING AND HANDLING SYSTEMS



转向架和轮对转接机

当车辆被固定支撑在台面上时，BBM转向架和轮对转接机（可为丝杠式或剪式）可转移转向架或轮对。转向架（或轮对）被横向转运到相应的待料轨道上。之后转送到维修区域做检查修理。此设备适用于维修车间停放的限定车型。

升降和平移系统



Spring Testing Machines

Spring testing presses can be used for testing coil and leaf springs. Tests can be performed with dedicated machines, one for each type of spring, or with a single, integrated universal solution.

弹簧实验机

弹簧实验机适用于实验线圈及弹簧片。实验专用设备可设计为每种弹簧实验专用一种型号，或是整合所有功能集于一身的综合检测设备。

TESTING EQUIPMENT 检测设备





Ultrasonic Testing Equipment

BBM ultrasonic testing equipment is able to test for any cracks under the wheel's running surface. Two different machines can perform this test: one is fixed on the floor and the train runs over it while the second is mobile inside a pit and runs under the train.

超声波检测设备

BBM超声波检测设备可用于任何车轮行驶表面的裂纹实验。此实验设备有两种不同的型号：其一为固定于地面上，车辆通过时检测，另一种在地坑内，移动运行于车辆之下检测。



Machine for Cutting Tyres and Demounting Wheels

This machine is used to cut and dismount solid wheels or tyred wheels from the wheelsets. It allows removing of worn out elements avoiding damages to the axles.

切割轮胎和退卸车轮设备

此设备适用于切割和退卸轮对上实心车轮或带轮胎的车轮，在移除磨损部件的同时不会损伤车轴。

**SPECIAL
EQUIPMENT**
特种专用设备



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