



## **INDUSTRIAL METALWORK STRUCTURES**

Italian talent, German quality,  
Slovakian production

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[WWW.BAMUSTEELWORKS.COM](http://WWW.BAMUSTEELWORKS.COM)

## CERTIFIED QUALITY, TURN-KEY PRODUCT: THE STRENGTH OF A TEAM IN THE FIELD OF METAL-WORK CONSTRUCTIONS



From design to assembling, Team Tecnocarp provides customers with a whole set of competences and experience to supply the **finished product**.



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### MECHANICAL ENGINEERING DESIGN **CML INNOVATION** *You need it, We fulfil it*

CML Innovation cooperates with customers to design new solutions for automation and production, with a focus on safety norms. We offer thermal, structural and vibrational analysis thanks to our FEM systems. The new premises have specific tools and a 1000mq production area to assemble complete and complex systems.

### THE REFERENCE FOR MEDIUM-HEAVY METALWORK **TECNOCARP** *The one and only reference for your metalwork structures*

Medium-heavy steel metalwork and machining are the beating heart of our Team's activity, led by TECNOCARP. Thanks to its long-term experience, Tecnocarp can manage all phases of production, standing as the only point of reference for customers. Since 1973, thanks to great experience and innovation, Tecnocarp has been producing complex structures up to 30 ton.

**TECNOCARP is certified**  
**ISO 9001**  
**UNI ISO 3834-2**  
**EN 15085-2**  
**EN 1090-2+A1**



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### BORING AND MILLING

#### **ARES**

*Traditional heart, industrial production*

ARES owns a machine fleet like few others in Italy, allowing the machining of very long pieces with the maximum precision. Soralue FR14, the biggest machine, has 2 opposite travelling columns which can work independently and a stolle working table of 3x16 m. to mill and bore pieces up to 14 x 4.2 x1.6 m<sup>3</sup> and 32 ton.

### WELDING AND PLATE ROLLING

#### **CIPRIND**

*Fitting genius*

Thanks to its specialised staff, CIPRIND supplies truncated-cone rolling, fitting completion, submerged arc welding, barred tees and NDT controls.

The unique cold-plate rolling machine, especially designed for our use, can process plates up to 50 mm thickness and 1,550 mm width with a force of 350 ton.

### THE TEAM'S EUROPEAN STRENGTH

#### **BAMU**

*Italian talent, German quality, Slovakian production*

Design, medium-heavy metalwork, welding, thermal treatments, machining, assembling and delivery:

Team Tecnocarp's whole service is available in Europe with BAMU. Thanks to the overhead cranes up to 40 tons and a milling and boring TOS centre with a working area of 5 x 3 x 2.2 m and a stolle turning table of 17.5 ton, Bamu can carry out the whole production in just one plant.

**35.000  
mq**

THE TEAM'S  
COMBINED  
PRODUCTIVE AREA

**6.000  
ton**

TONS OF METAL  
PROCESSED IN A  
YEAR ON AVERAGE

**2.500**

THE ORDERS  
PROCESSED BY THE  
TEAM IN A YEAR

**15  
mil**

THE TEAM'S  
COMBINED  
TURNOVER

*A TEAM of over 200 specialised professionals.  
Cooperating at your service.*



**Bamu is part of  
TEAM TECNOCARP**

Certified quality, finished product: the strength of  
a team in the field of mechanical constructions.

## **BAMU** Italian talent, German quality, Slovakian production

In its 20,000 mq premises, Bamu produces steelworks of great dimensions and much more.

Bamu is able to deliver the finished product, complete of design, welding, thermal treatments, machining, assembling and delivery.



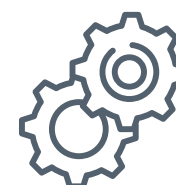
### **ITALIAN TALENT**

Bamu finds its spirit on the Italian gifts of experience, flexibility, customer care.



### **GERMAN QUALITY**

BAMU is at the highest European standard for the quality of its production and processes, thanks to the certifications in the field of welding.



### **SLOVAKIAN PRODUCTION**

Bamu is at the heart of Europe: the many challenges of the European market grant Bamu's constant quality at a competitive price.

Thanks to its central place in Europe, Bamu is the ideal reference point for companies that have relocated part of their production or that require series products.



## CERTIFICATIONS

Quality can't just be achieved and archived: on the contrary, it's the arriving and starting point at the same time.

In Bamu, we have decided to certify our quality in every possible sector and to commit to achieve new objectives.

### UNI EN ISO 9001

Since 2000, to grant production quality and technical innovation.

### UNI EN ISO 3834-2

Comprehensive quality requirements for fusion welding of metallic materials.

### UNI EN 1090-1

Requirements for conformity assessment of performance characteristics for structural steel and aluminium components.

### ISO 15085

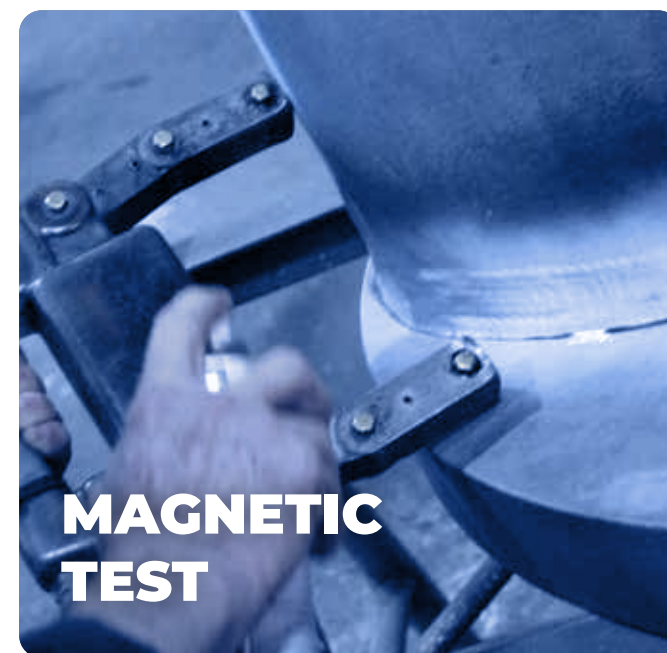
Requirements for conformity of welded railway vehicles and components.

## TESTING DEPARTMENT

Not only dimensional tests: in the testing department, Bamu carries out upon request many NDT tests, such as ultrasound, magnetic and penetrant testing. The testing staff have 2nd level certifications, according to: UNI EN ISO 9712 and ASNT-SNT-TC-1A.



**ULTRASOUND  
TEST**



**MAGNETIC  
TEST**



**VISUAL  
TEST**



**PENETRANT  
TEST**





# REASONS TO CHOOSE BAMU

The granted supply of an all-round product at highly competitive prices: this is **BAMU**.



**TECHNICAL  
OFFICE**



**PLANNING  
SERVICE**



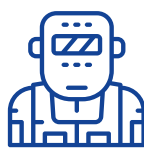
**CUTTING  
DEPARTMENT**



**BENDING  
PLATE ROLLING**



**ASSEMBLING**



**WELDING**



**STRAIGHTENING**



**TESTING**



**HEAT  
TREATMENTS**



**NON-  
DESTRUCTIVE  
TESTS**



**MACHINING**



**SURFACE  
TREATMENTS**



**MECHANICAL  
MOUNTING**



**DELIVERY**



**TECHNICAL  
SUPPORT**





# MACHINING

	FERMAT WFC 10 CNC	TOS WHQ 13 CNC	FERMAT WRF 160 CNC
X in mm	2000	5000	13500
Y in mm	2000	3000	4000
Z in mm	1250	2200	1200
W in mm	730	800	1000
TURNING TABLE in mm	1400x1800	2000x3000	2500x3000 with V= 2400
LOAD CAPACITY in ton	5	17,5	25
CNC	Heidenhain	Heidenhain	Heidenhain
YEAR OF CONSTRUCTION	2018	2015	2017





## SANDBLASTING AND PAINTING

BAMU is able to supply the service of sand blasting and painting according to customer's specifications.



The sandblasting / shotblasting and liquid painting facility ensures the highest treatment quality. Moreover, the 'state of the art' technology grants the reduction of air pollutant emissions.

The sandblasting and shotblasting facility has a 16000x5530x5000(H) mm booth.

The painting facility has a 16000x5530x5000(H) industrial oven booth with semi-vertical air system and double aspiration by walls.





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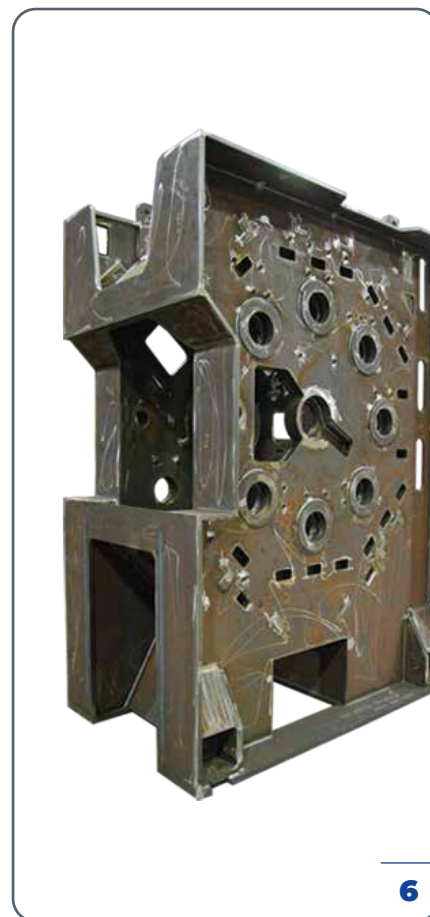
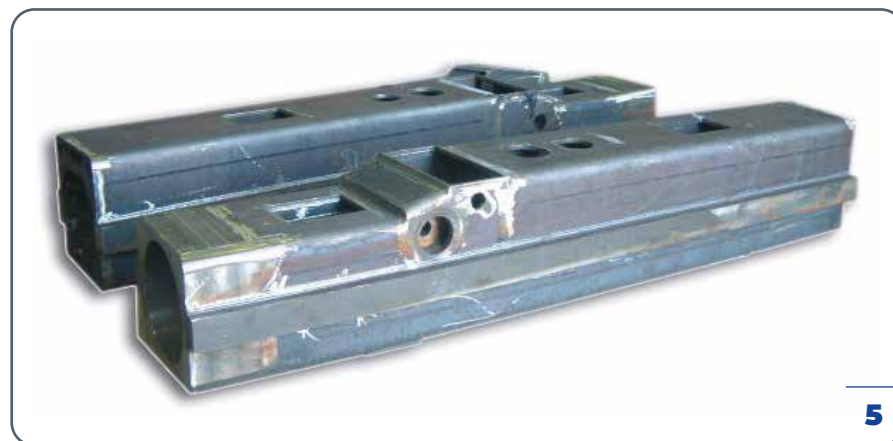


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# THE EXPERTISE OF AN EXPERIENCED COMPANY, THE FLEXIBILITY OF A COMPELLING STAFF

**MACHINE  
TOOLS**  
FROM 1  
TO 37



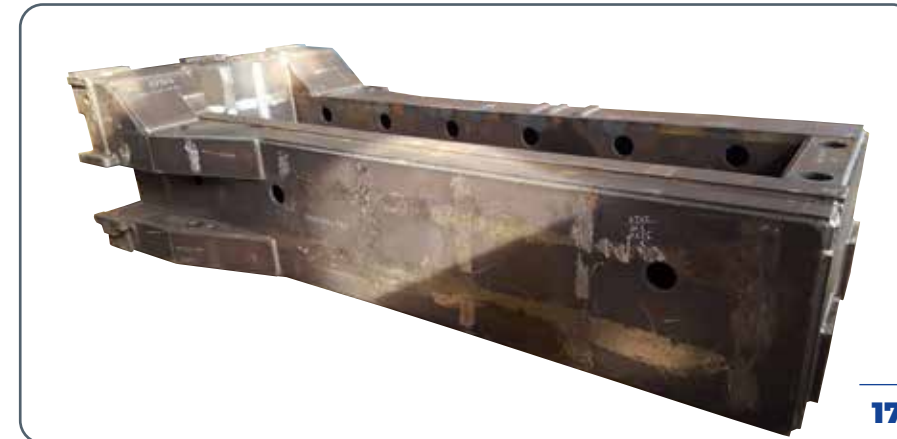




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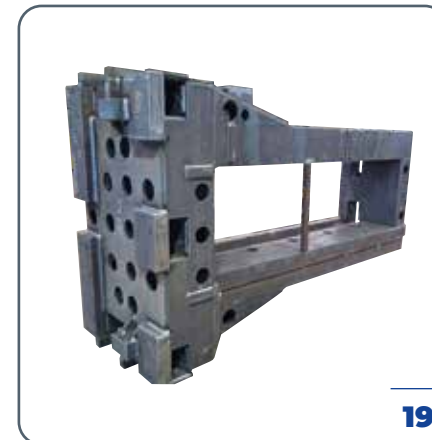
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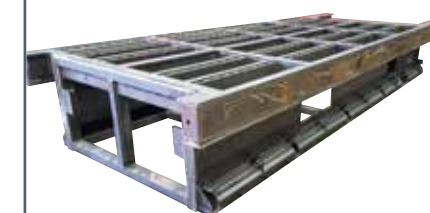
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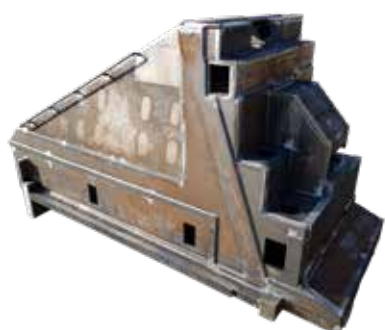
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**CONSTRUCTIONS**  
FROM 38  
TO 41



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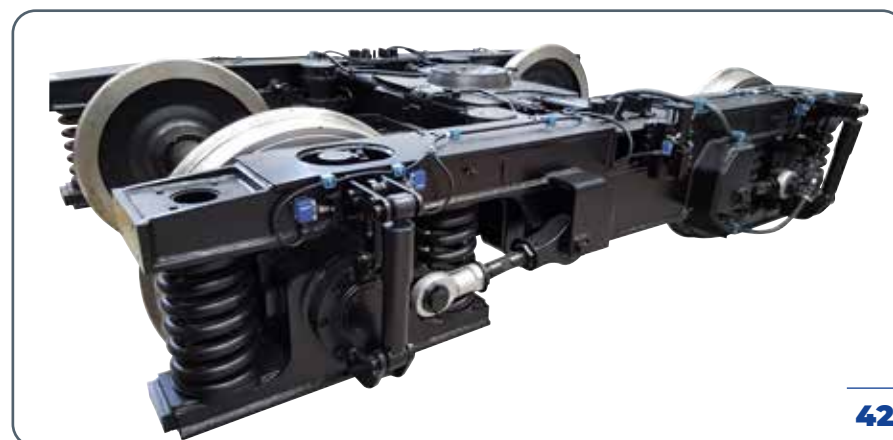


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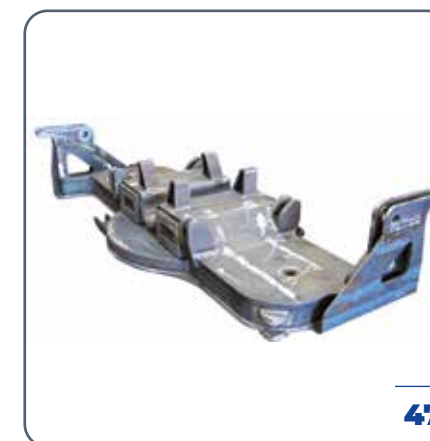
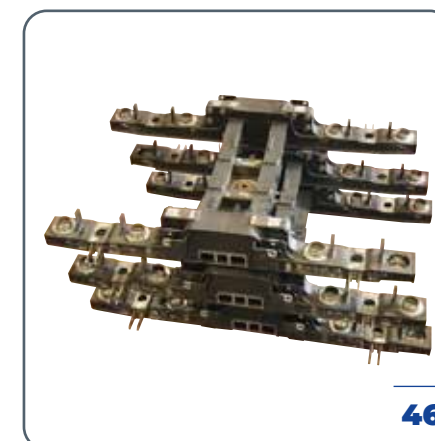
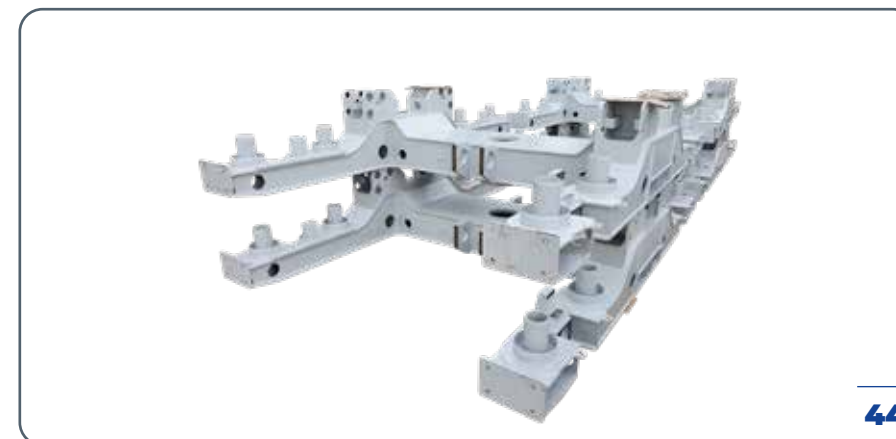


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**RAILWAY  
SECTOR**  
FROM 42  
TO 83







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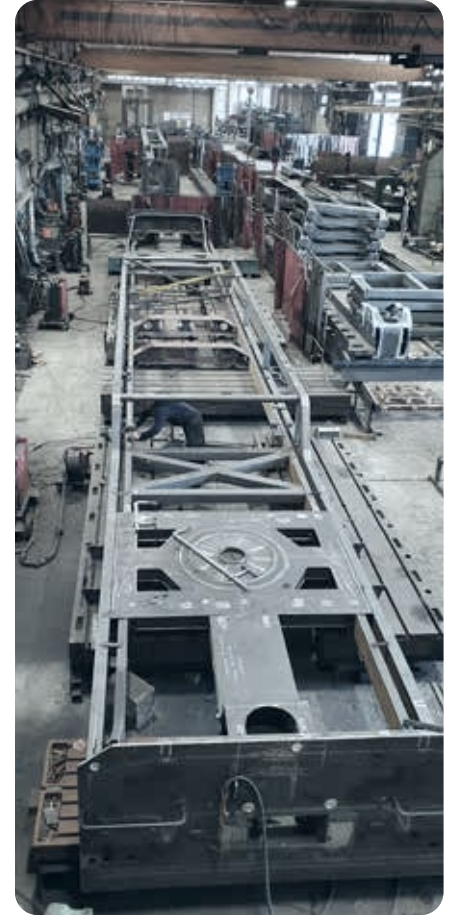
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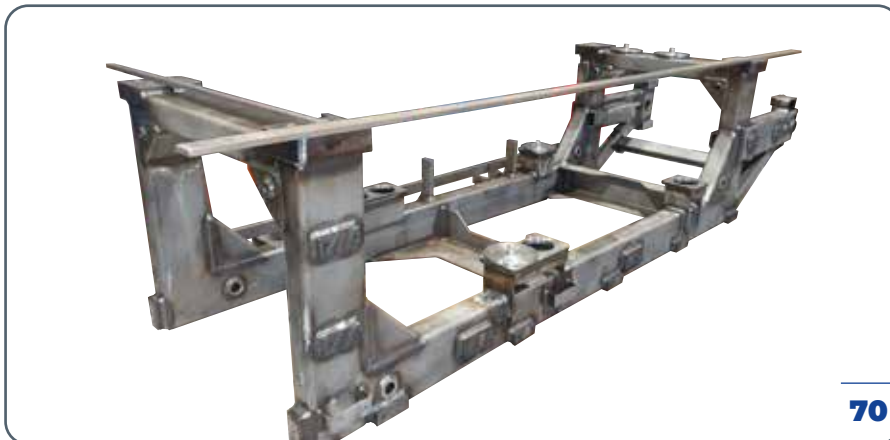
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# **PRESS BENDING SECTOR**

FROM 84  
TO 93



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93



## WOODWORKING MACHINERY

FROM 94  
TO 109



94



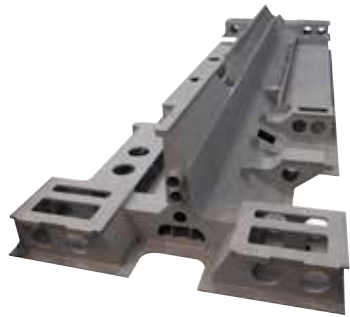
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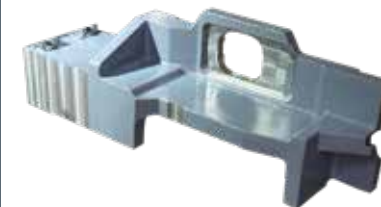
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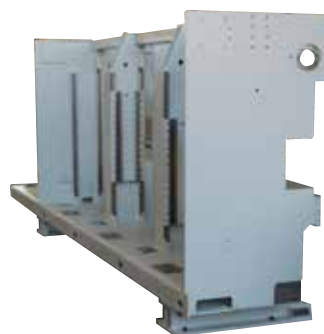
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109



## AIRPORT SECTOR

FROM 110  
TO 118



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119

## OFFSHORE

119 & 120



120



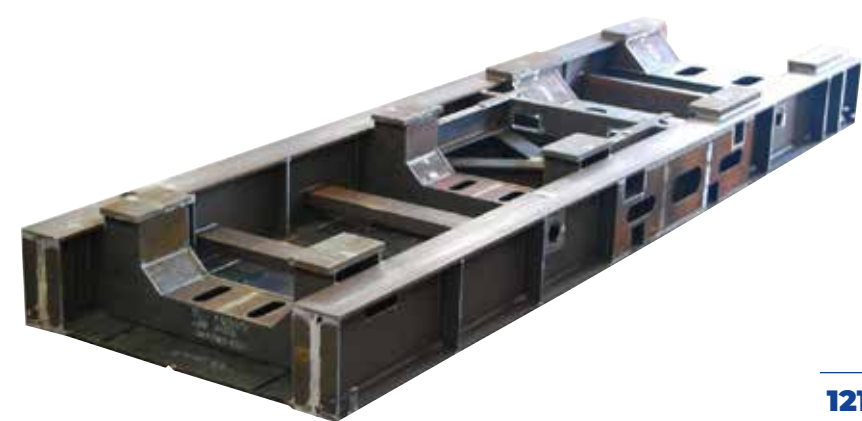
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# PLANT ENGINEERING SECTOR

FROM 121  
TO 138



121



122



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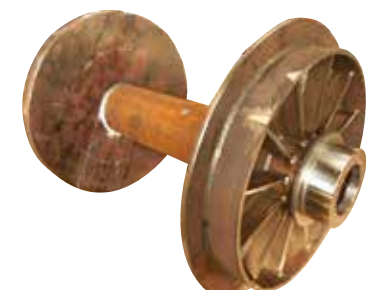
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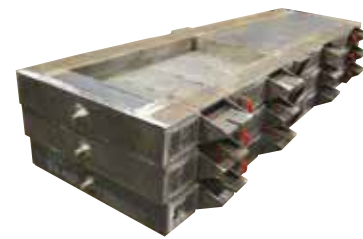
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138

## PRESS SECTOR

FROM 139  
TO 144



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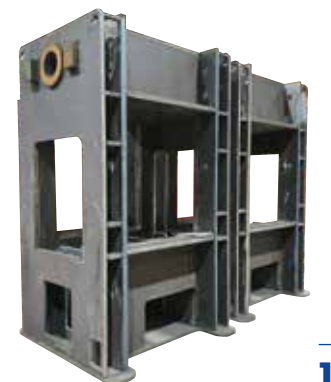
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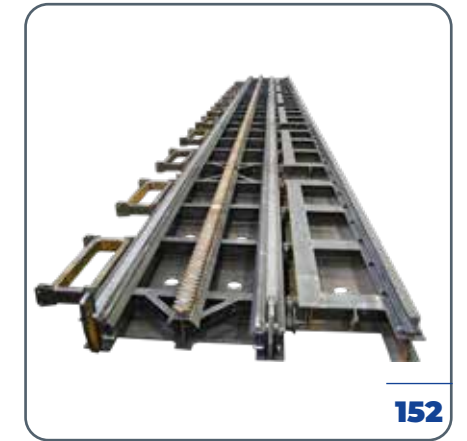
144





# DRILLING SYSTEMS

FROM 145  
TO 181







159



160



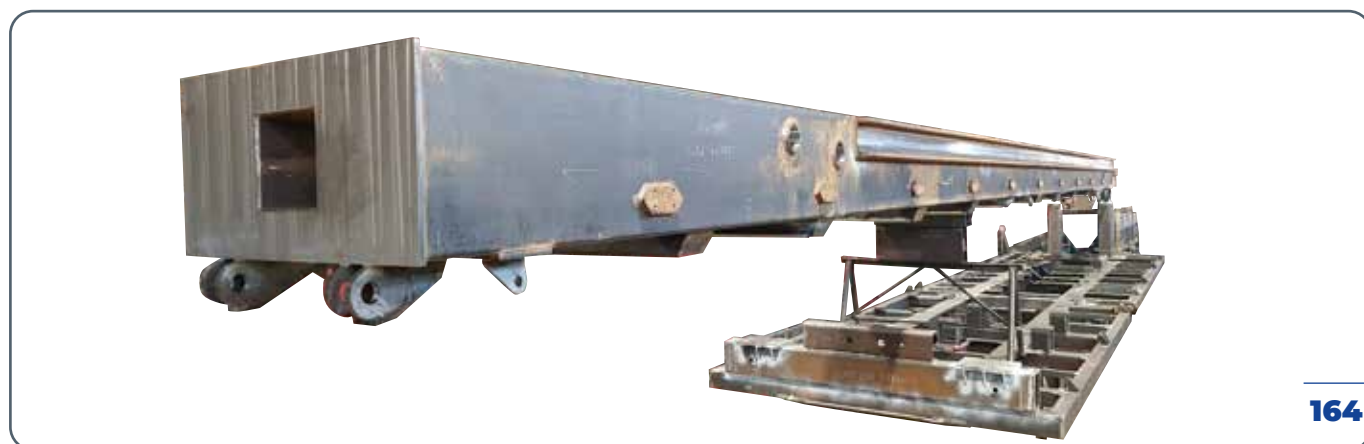
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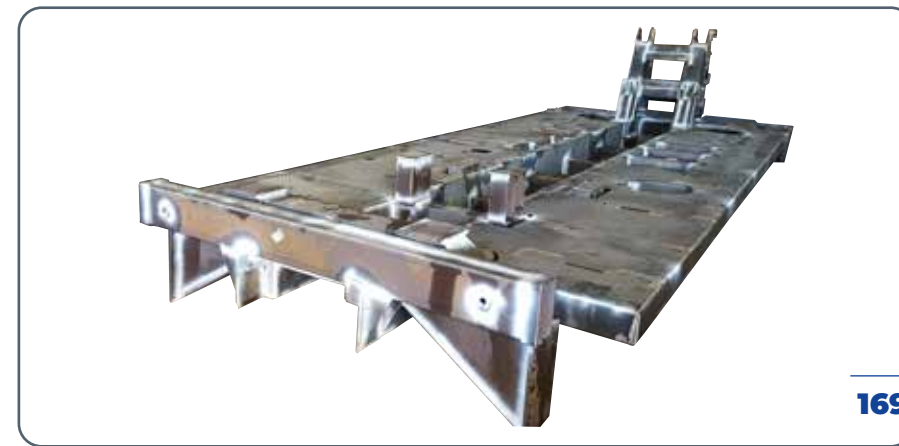
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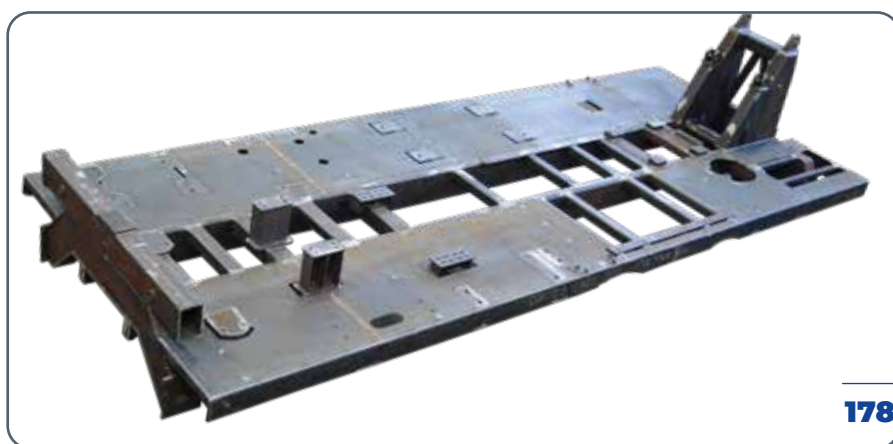
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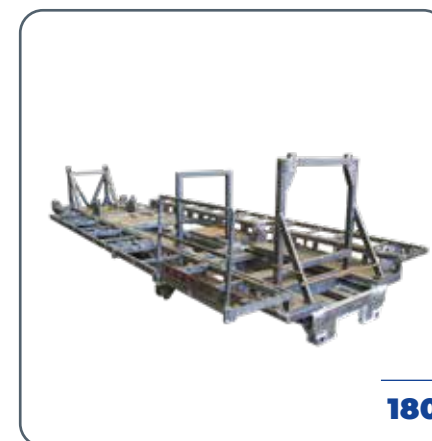
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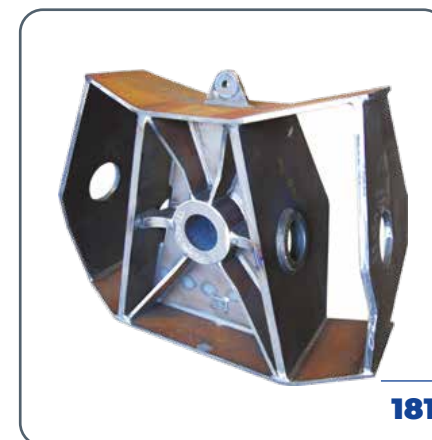
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181



## WIRE DRAWING MACHINES

182



182



## ENERGY SECTOR

FROM 183  
TO 193



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184



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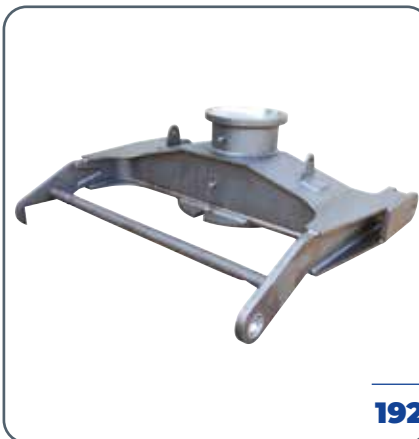
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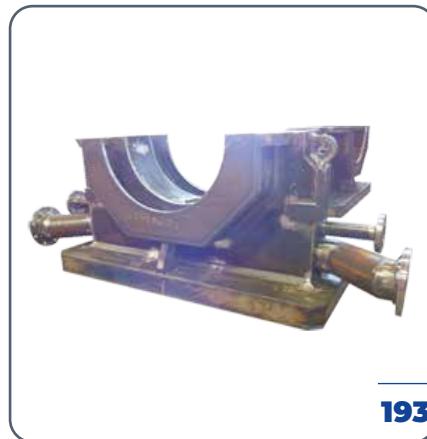
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193

## REDUCTION UNITS

FROM 194  
TO 201



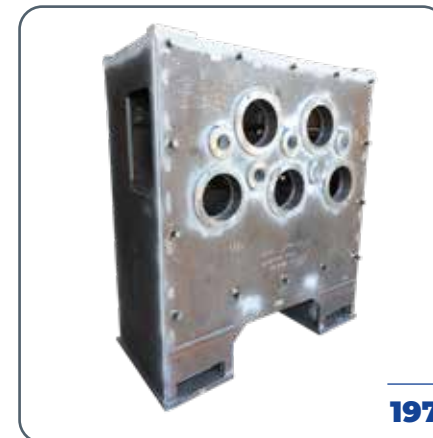
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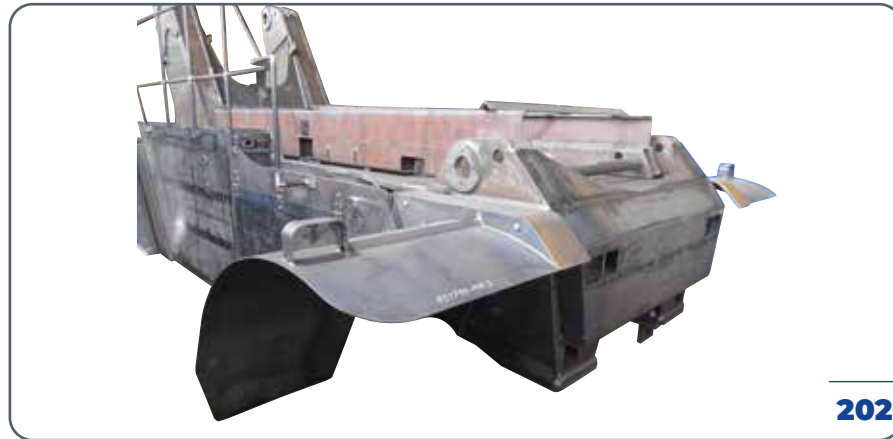


201



## LIFTING SYSTEMS

FROM 202  
TO 209



202



203



204



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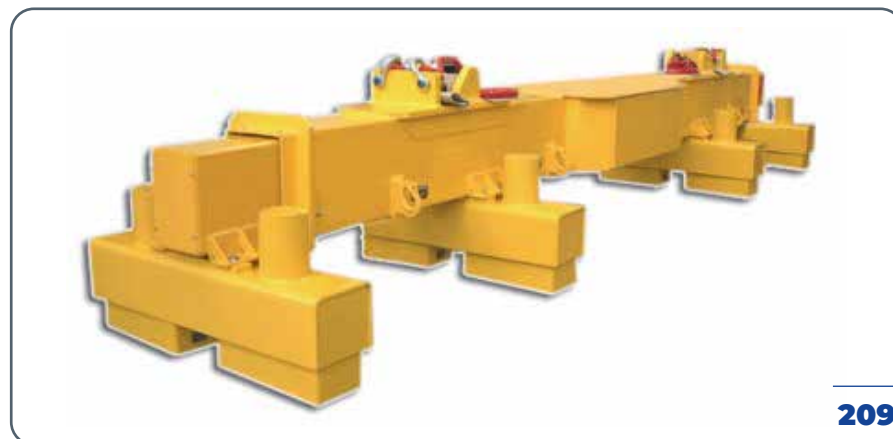
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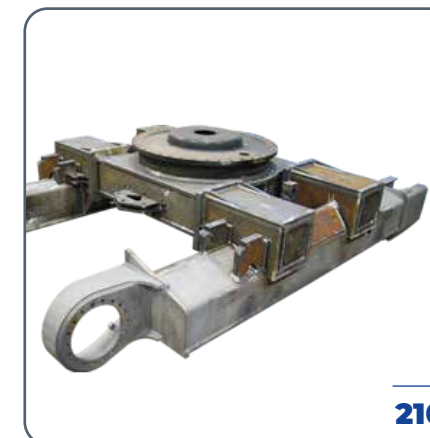


209



## EARTHMOVING SECTOR

FROM 210  
TO 221



210



211



212



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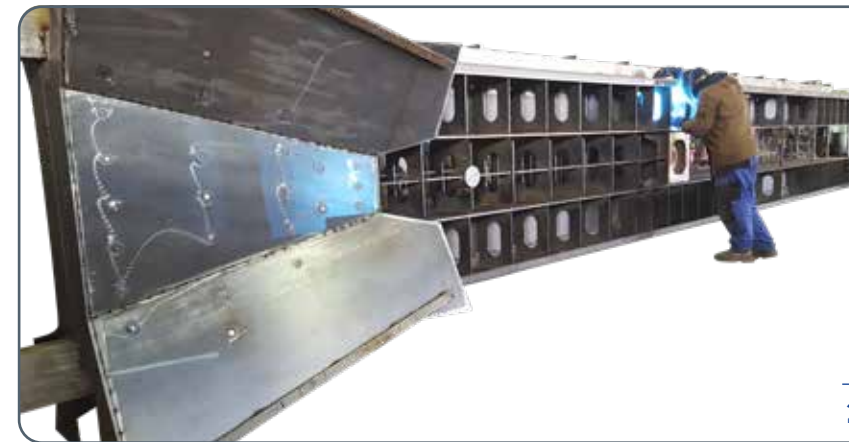
## SHIPBUILDING FROM 222 TO 234



222



223



224



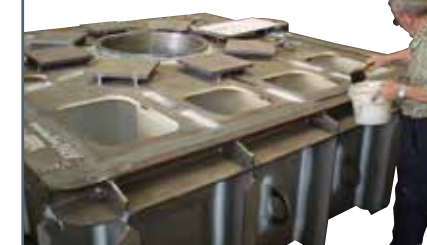
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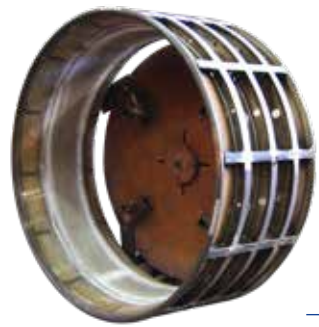
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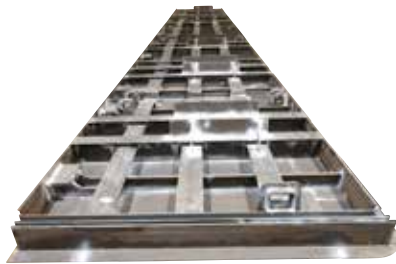
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234

## MARBLE WORKING MACHINERY

FROM 235  
TO 238

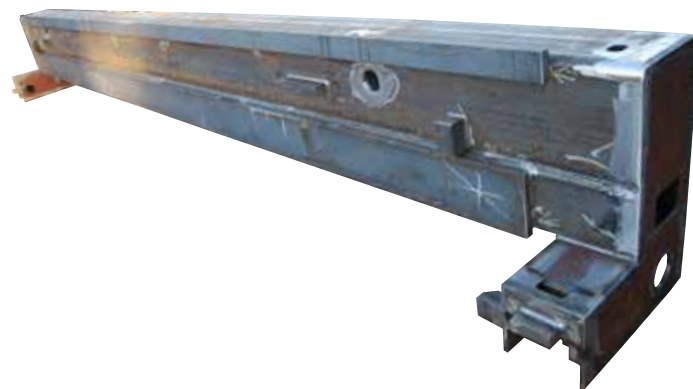
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236



237



238



## TRUCK-BUILDING SECTOR

FROM 239  
TO 243



239



240



241



242



243





## WIND ENERGY SECTOR

244 & 245



244



245

## PACKAGING

246



246

## NONWOVEN FABRIC

247 & 248



247



248

## AMUSEMENT PARKS

FROM 249  
TO 255



249



250



251



252



255



253



254



# SHREDDING & RECYCLING

FROM 256  
TO 261



256



257



258



259



260



261



262

# MILITARY SECTOR

FROM 262  
TO 267



263



264



265



266



267





MADEWEB.IT



**Bamu is part of  
TEAM TECNOCARP**

Certified quality, finished product: the strength of a team in the  
field of mechanical constructions

**BAMU s.r.o.**

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