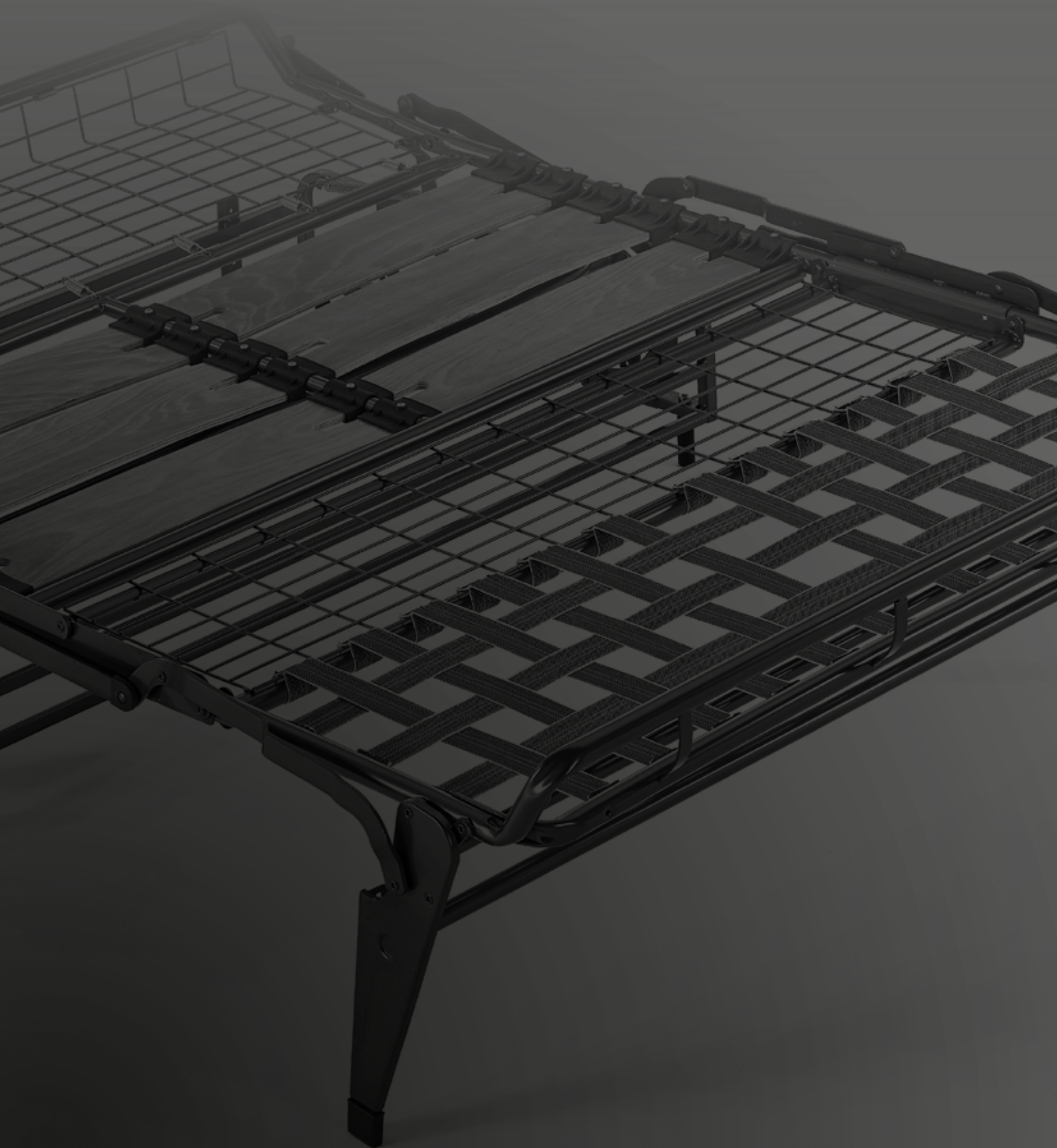
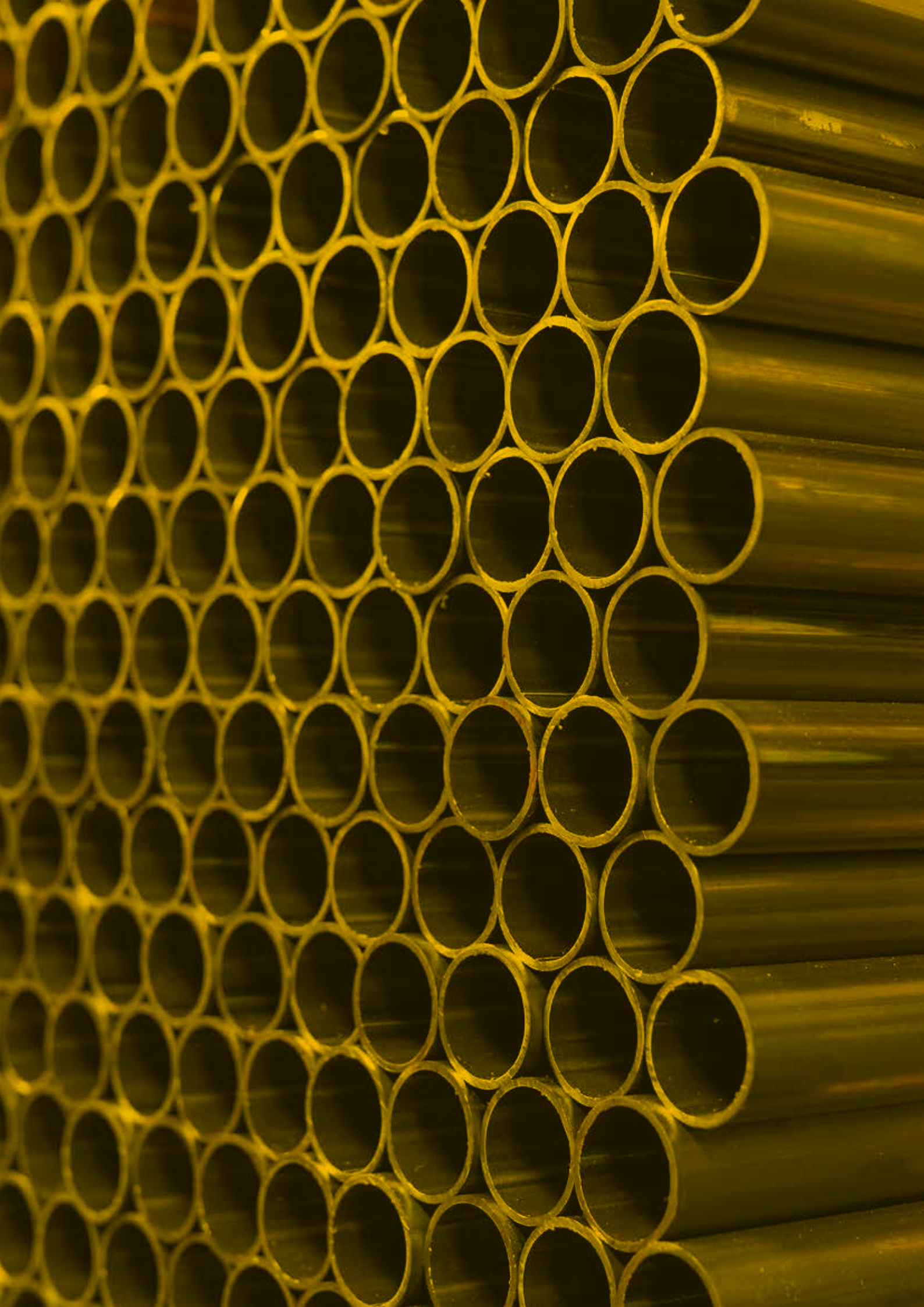


armetal

TECHNOLOGIES
SERVING REST





**“What we do is pure passion.
We work to do it well”**

Silvano Pazzi, Founder

Armetal was founded in Rocca San Casciano, in the province of Forlì-Cesena, the heart of Tuscan Romagna, over sixty years ago.

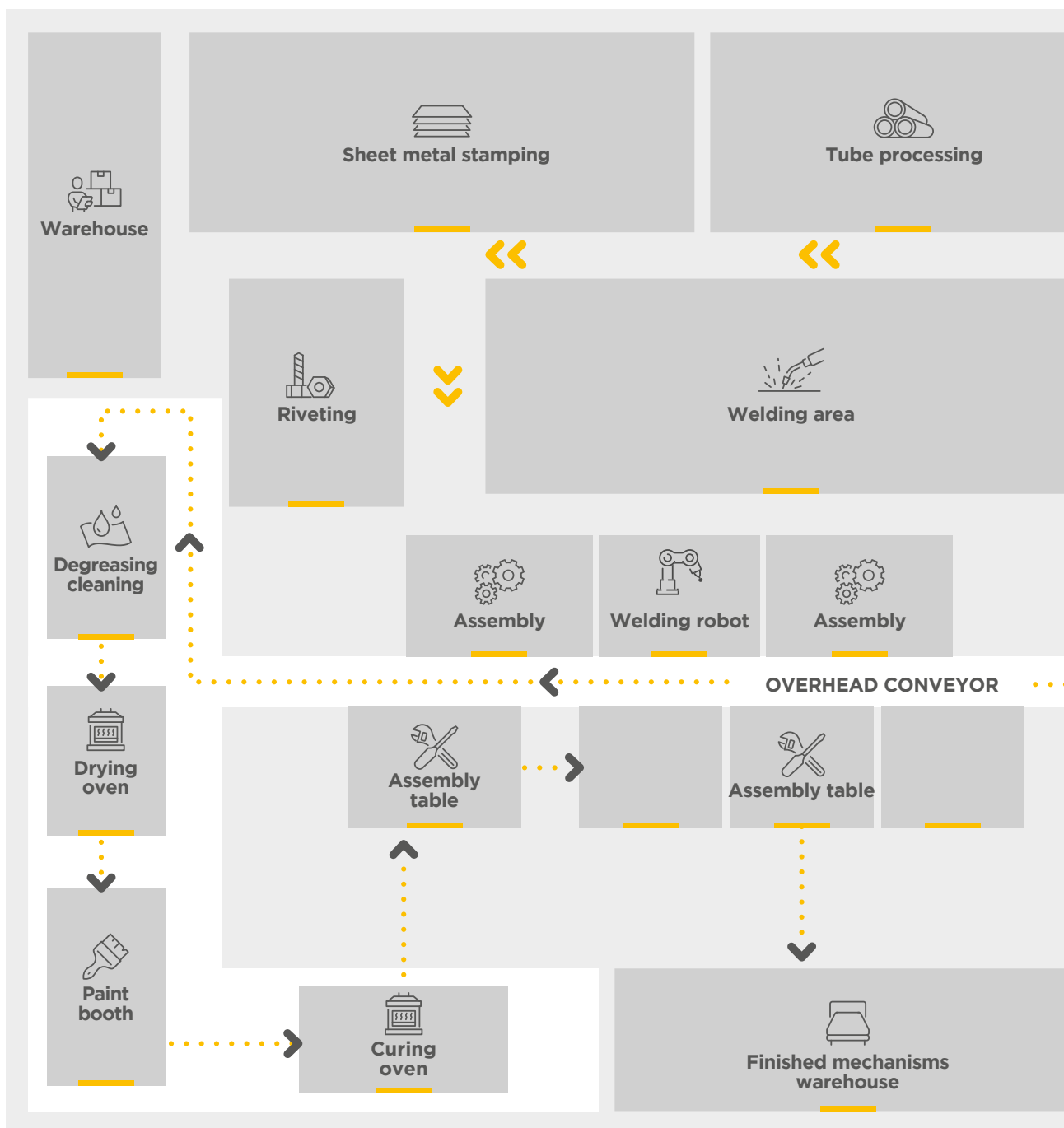
In 1960, a young craftsman from the town, Silvano Pazzi, an expert ironworker, began to create mechanisms for sofa beds, sensing the potential for a product still scarcely present in Italy. From the small shop in the centre of the town, through his passion and unceasing efforts, his creations quickly established themselves on the market and the company grew rapidly.

It thus became necessary to move the business into a new plant which, over the years, has been expanded several times, reaching the current area of 40,000 square meters, 14,000 of which are covered. Structural expansion has also been accompanied by organizational expansion: thus the marketing, administrative and product development offices were born. The appreciation for Armetal products has extended beyond national borders with the company's participation in the most prominent international trade shows. 2007 saw another turning point: the founding of ArmetalFlex, a company specialized in the direct production of mattresses designed for insertion into the sofa bed mechanisms and room mattresses. Boosted by the work and competence of its employees, the company produces increasingly high-performance mechanisms, complete with various types of mattresses. The entire production process takes place in the plant in Rocca S. Casciano, in the province of Forlì-Cesena, thanks to modern equipment and the experience gained over the years. Armetal is a family business. The founder Silvano has been joined, first, by his children Fabrizio, Alessandra and Silvana — today, the company Board of Directors — and, for a few years now, also by his grandchildren, the third generation. Boosted by an example of passion and hard work, we wish to add new pages to the history of a successful business that has long been able to interpret and meet the needs of customers on both the national and international markets.

armetal

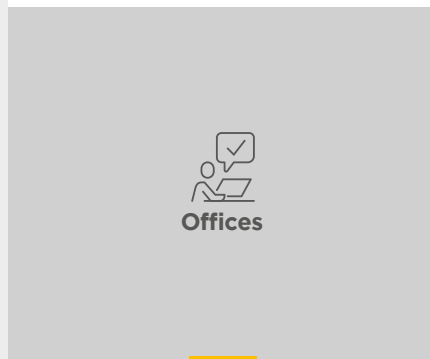


The closed circuit managed and supervised by our staff





RAW MATERIALS ARRIVAL



MECHANISMS DEPARTURE





armetal

C O N T E N T S

products

GRECALE

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GRECALE

The **Grecale** mechanism is CATAS-certified. By easily rotating the back and subsequently unfurling the mechanism, it turns into a comfortable bed without having to remove the cushions on seat and back. The high-tensile steel mechanism is made with a supporting frame already fit with bayonets for quick assembly of the arm- and backrests. The orthopaedic bed base is sturdy, stable and comfortable, particularly suited for frequent and daily use. Comes with wide slats and double slats. Elastic straps or the electrically welded panel can be mounted in the seating surface at the customer's choice.

The **Grecale** mechanism, certified by CATAS, can accommodate a wide choice of comfortable, 14 cm thick polyurethane and memory foam mattresses.



RETE GRECALE

ELECTRICALLY WELDED
WITH STRAPS IN THE SEAT



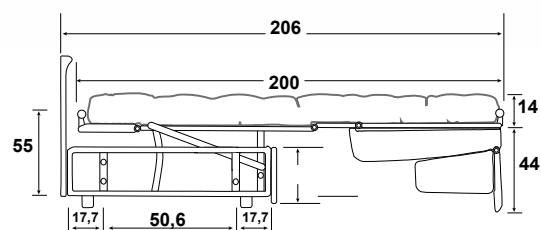
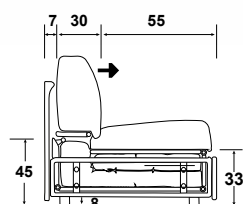
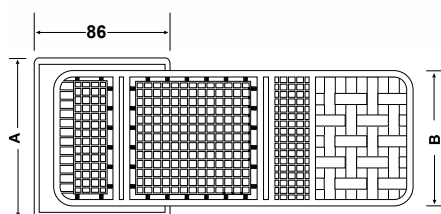
APPROVED
CATAS
research-development centre and
testing laboratories for the wood-
furniture, environment and food sectors

CATAS-certified mechanism
Accommodates 14 cm thick mattresses

A	B	mattress
180	165	160 x 195 x 14
160	145	140 x 195 x 14
140	125	120 x 195 x 14
120	105	100 x 195 x 14
92	80	75 x 195 x 14

GRECALE

ELECTRICALLY WELDED
WITH PANEL IN THE SEAT



GRECALE
WIDE SLATS
WITH STRAPS IN THE SEAT



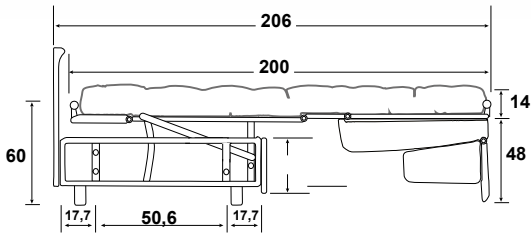
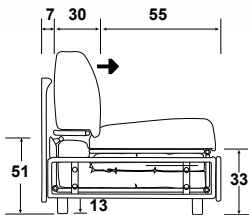
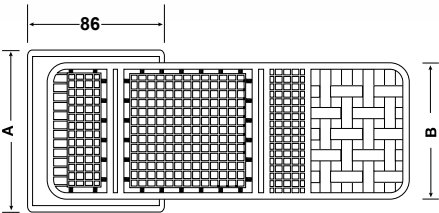
GRECALE
DOUBLE SLAT
WITH PANEL IN THE SEAT



GRECALE | FEET 13
 WITH STRAPS IN THE SEAT



A	B	mattress
180	165	160 x 195 x 14
160	145	140 x 195 x 14
140	125	120 x 195 x 14
92	80	75 x 195 x 14



GRECALE MATTRESSES

14 cm thick

Mod. Grecale 01



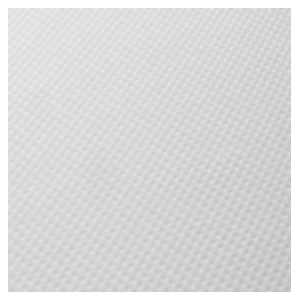
Mod. Grecale 02



Mod. Grecale 03 - Removable on 3 sides



Mod. Grecale 04 - Removable on 4 sides



CREATE YOUR OWN MATTRESS | *on large quantities

In addition to our range of customised products for each mechanism, you can choose from:

- Polyurethane foam density
- Fabric and quilting design
- Edging and band

Customise your mattress and make it perfect for your needs!

LEVANTE

The **Levante** mechanism is CATAS-certified. By easily rotating the back and subsequently unfurling the mechanism, it turns into a comfortable bed without having to remove the cushions on seat and back. The high-tensile steel mechanism is made with a supporting frame already fit with bayonets for quick assembly of the arm- and backrests. The orthopaedic bed base is sturdy, stable and comfortable, particularly suited for frequent and daily use. Comes with wide slats and double slats. Elastic straps or the electrically welded panel can be mounted in the seating surface at the customer's choice. The **Levante** mechanism, certified by CATAS, can accommodate a wide choice of comfortable, 16/20 cm thick polyurethane and memory foam mattresses.



LEVANTE WIDE SLATS WITH STRAPS IN THE SEAT

Accommodates mattresses from 16 cm up to 18 cm thick



A	B	mattress
180	165	160 x 195 x 16/18/20
160	145	140 x 195 x 16/18/20
140	125	120 x 195 x 16/18/20
92	80	75 x 195 x 16/18/20

APPROVED
CATAS
research-development centre and
testing laboratories for the wood-
furniture, environment and food sectors

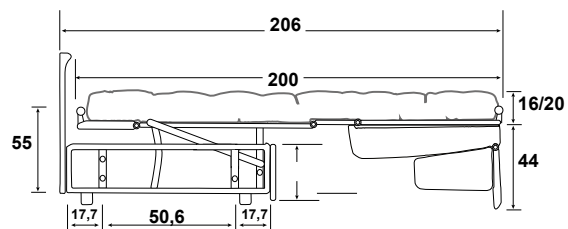
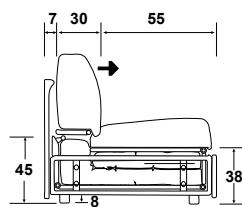
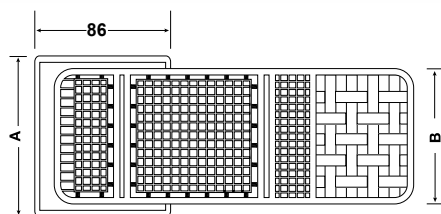
CATAS-patented mechanism

Accommodates mattresses from 16 cm up to 18 cm thick

LEVANTE

ELECTRICALLY WELDED
WITH STRAPS IN THE SEAT

Accommodates mattresses up to 20 cm thick



LEVANTE

ELECTRICALLY WELDED
WITH PANEL IN THE SEAT

Accommodates mattresses from 16 cm up to 20 cm thick



LEVANTE MATTRESSES

16/20 cm thick

Mod. Levante 01



Mod. Levante 02



Mod. Levante 03



Mod. Levante 04



CREATE YOUR OWN MATTRESS | *on large quantities

In addition to our range of customised products for each mechanism, you can choose from:

- Polyurethane foam density
- Fabric and quilting design
- Edging and band

Customise your mattress and make it perfect for your needs!

ZEFIRO H.22

The **Zefiro** mechanism is specifically designed to accommodate mattress from 18 cm up to 22 cm thick, thus guaranteeing full comfort for user. The high-tensile steel mechanism is made with a supporting frame already fit with bayonets for quick assembly of the arm- and backrests. The opening-closing mechanism on the seat cushion has been patented. This means that, as the sofa opening system turns, the cushion comes out first when opening and goes in last when closing. Thus the cushion turns a full 180° and does not hinder the operation. The orthopaedic bed base comes with either rectangular electro-welded mesh or 16 cm wide slats (see photo), particularly suitable for frequent and daily use. For the area which, when the mechanism is closed, constitutes the seating surface, the customer can choose between elastic straps and electro-welded panel. The **Zefiro** mechanism, certified by CATAS, can accommodate a wide choice of comfortable polyurethane and memory foam mattresses. The design of the highly resistant support feet has been registered.

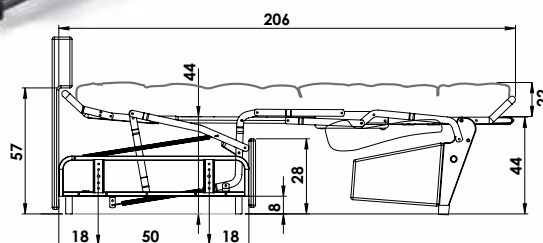
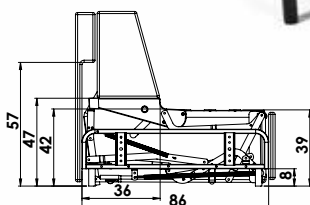
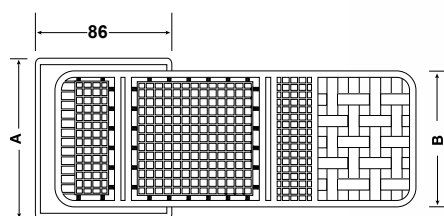
ZEFIRO H.22 ELECTRICALLY WELDED WITH STRAPS IN THE SEAT



The **Zefiro mechanism**, certified by **CATAS**, can accommodate a wide choice of 18/22 cm thick polyurethane and memory foam mattresses. The design of the highly resistant support feet has been registered.



A	B	mattress
182	165	160 x 195 x 18/22
162	145	140 x 195 x 18/22
142	125	120 x 195 x 18/22
97	80	75 x 195 x 18/22



ZEFIRO H.22
DOUBLE WIDE SLAT
new version



Patented
opening-closing
mechanism

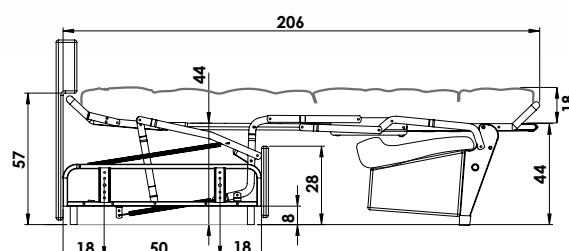
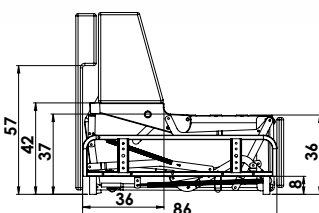
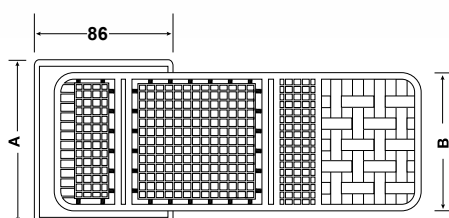


ZEFIRO H.18

ZEFIRO H.18
WIDE SLATS
WITH STRAPS IN THE SEAT



A	B	mattress
182	165	160 x 195 x 18
162	145	140 x 195 x 18
142	125	120 x 195 x 18
97	80	75 x 195 x 18



RETE ZEFIRO H.18
ELECTRICALLY WELDED
WITH STRAPS IN THE SEAT



ZEFIRO MATTRESSES

18/22 cm thick

Mod. Zefiro 01



Mod. Zefiro 02



Mod. Zefiro 03



Mod. Zefiro 04 - Memory version

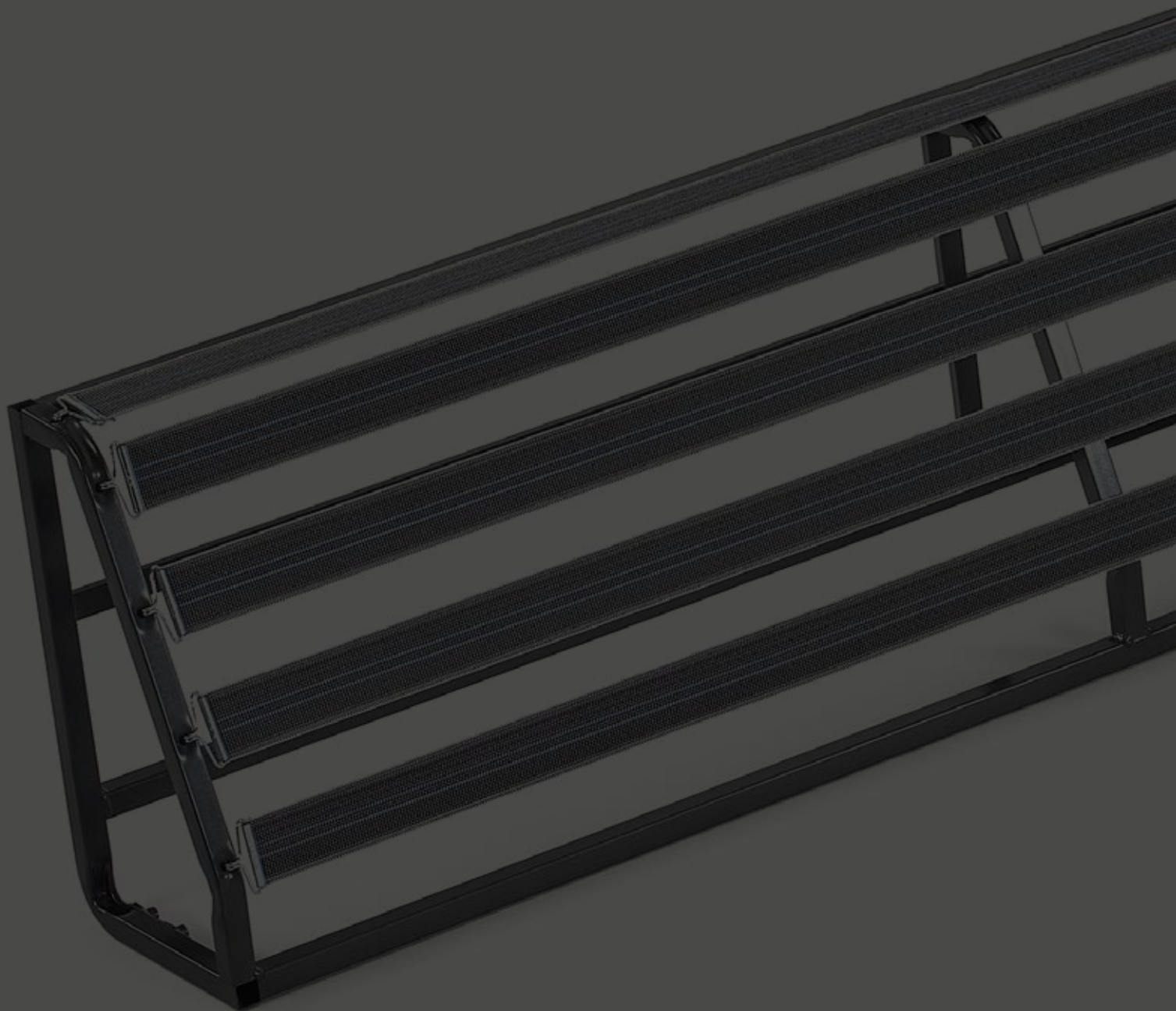


CREATE YOUR OWN MATTRESS | *on large quantities

In addition to our range of customised products for each mechanism, you can choose from:

- Polyurethane foam density
- Fabric and quilting design
- Edging and band

Customise your mattress and make it perfect for your needs!

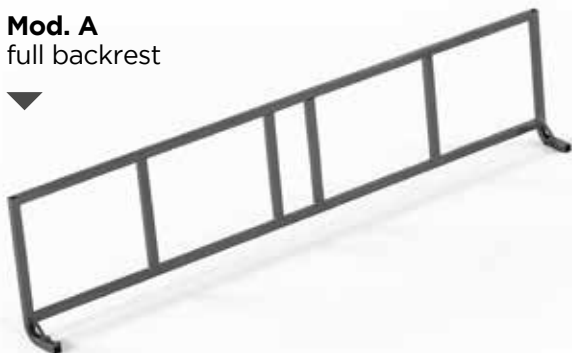


ACCESSORIES AND BACKRESTS

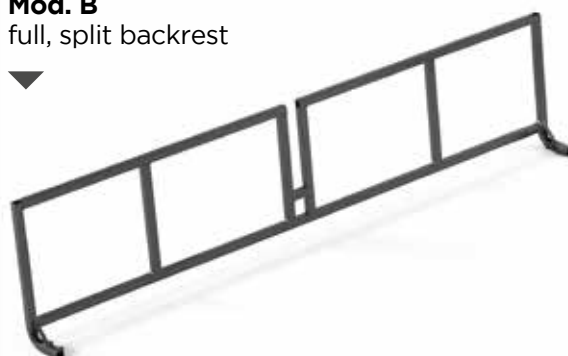
ACCESSORIES AND BACKRESTS OF FLAP MECHANISMS

- GRECALE
- LEVANTE
- ZEFIRO

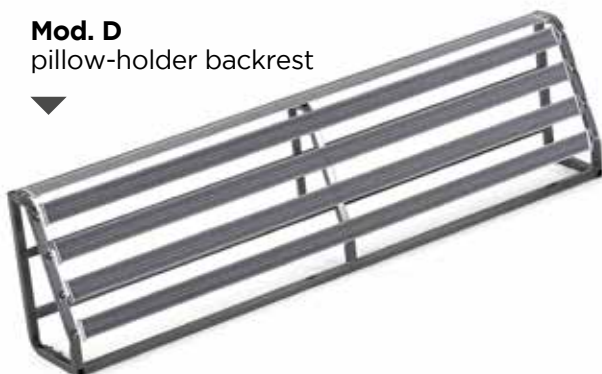
Mod. A
full backrest



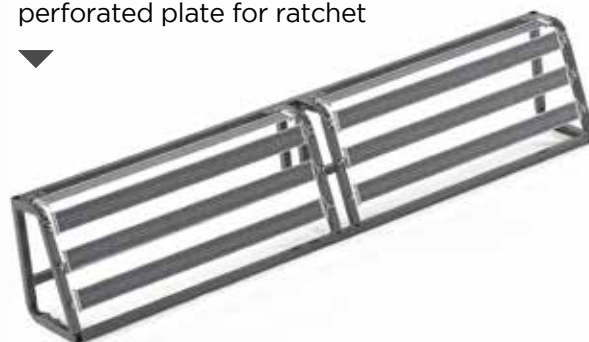
Mod. B
full, split backrest



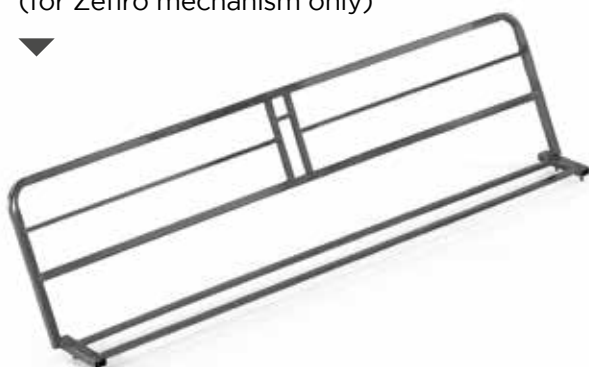
Mod. D
pillow-holder backrest



Mod. G
pillow-holder, low backrest with
perforated plate for ratchet



Mod. H
(for Zefiro mechanism only)



ACCESSORIES AND BACKRESTS OF FLAP MECHANISMS

- GRECALE
- LEVANTE
- ZEFIRO

Mod. V galvanized steel male/female bayonet



Mod. Z 2 front plate stop strips



Mod. T welded steel feet



Mod. S 4 plastic feet 8 cm, Ø 25



Mod. P sofa Lift mechanism



Mod. U riveted male bayonets for angular sofas



EURO

The **Euro** mechanism is made of high-tensile steel and mounted on a load-bearing frame prearranged for connection of the sofa body.

The mechanism is made of electro-welded panels and elastic straps can be mounted in the area which, when the mechanism is closed, constitutes the seating surface. The mechanism can accommodate a 13 cm thick, 190 cm long polyurethane mattress.

The mechanism is easy to open and close using a practical polyester handle.



EURO

ELECTRICALLY WELDED
WITH STRAPS IN THE SEAT



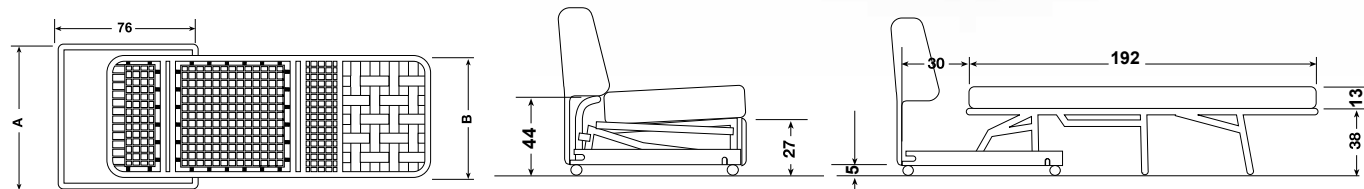
◀ Polyester loop handle

A	B	mattress
182	165	160 x 190 x 13
162	145	140 x 190 x 13
152	135	130 x 190 x 13
142	125	120 x 190 x 13
132	115	110 x 190 x 13
122	105	100 x 190 x 13
112	95	90 x 190 x 13
92	80	75 x 190 x 13

*For agreed quantities

EURO

ELECTRICALLY WELDED
PANEL IN THE SEAT AND MATTRESS STOPPER



SCIROCCO

The **Scirocco** mechanism for large-scale distribution is made of high-tensile steel and mounted on a load-bearing frame prearranged for connection of the sofa body. The mechanism is made of wooden slats. In the area which, when the mechanism is closed, constitutes the seating surface, the slats are replaced by elastic straps. The mechanism can accommodate different types of polyurethane mattresses: 10 and 12 cm thick, 190 cm long. The mechanism is easy to open and close using a practical polyester loop handle.

The insertion mechanism, with 2 folds, is opened at the front by lifting. The structure is oven-painted with epoxy powders.



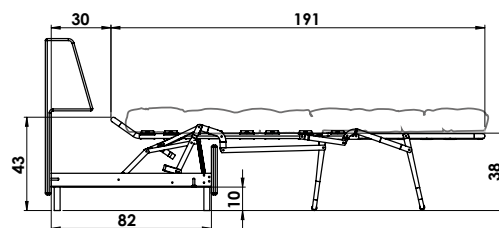
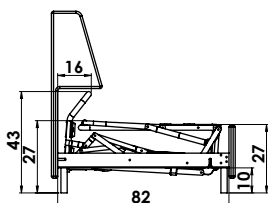
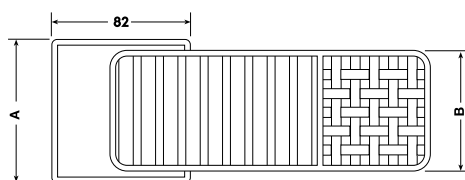
SCIROCCO
SLATS AND ELASTIC
STRAPS IN THE SEAT



A	B	mattress
182	165	160 x 190 x 12
162	145	140 x 190 x 12
142	125	120 x 190 x 12

SCIROCCO

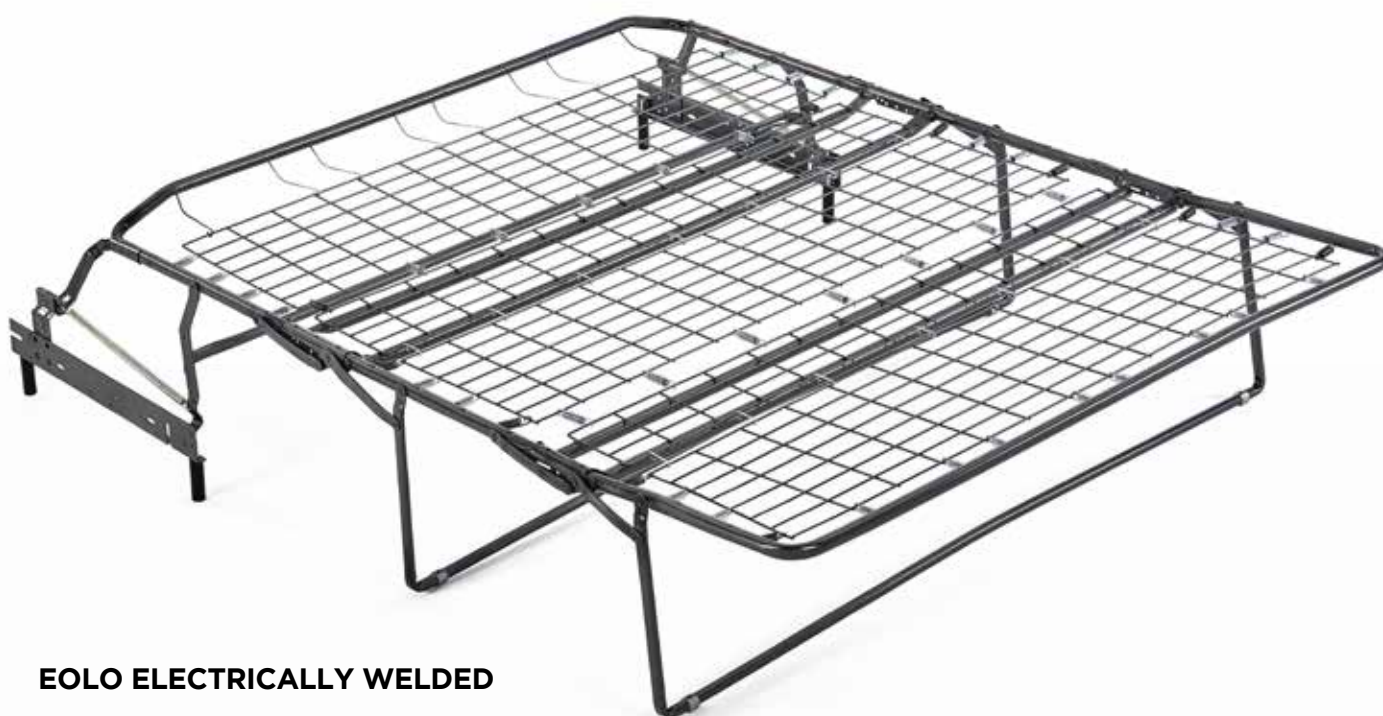
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EOLO feet 4/8

The **Eolo** feet 4/8 mechanism is made of high-tensile steel and mounted on a load-bearing frame prearranged for connection of the sofa body. It is produced both with slats and with electro-welded panel and can accommodate a 7 cm thick, 180 cm long polyurethane mattress. The dimensions of the 3-fold insertion mechanism are reduced.

The structure is made of steel tube oven-painted with epoxy powders.



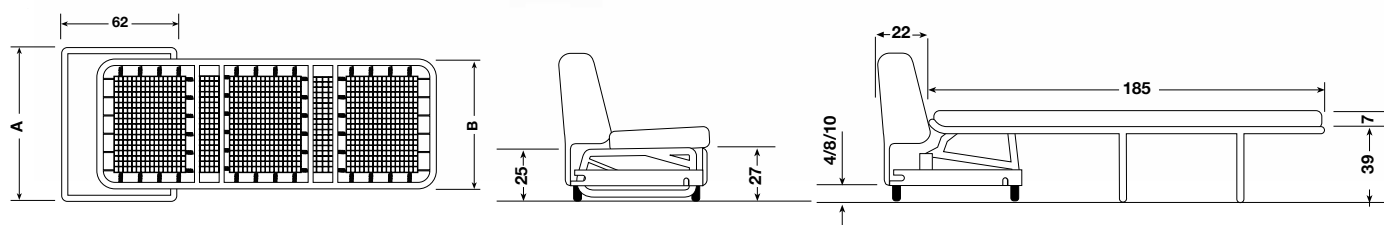
EOLO ELECTRICALLY WELDED



A	B	mattress
172	160	153 x 180 x 7
162	150	143 x 180 x 7
152	140	133 x 180 x 7
142	130	123 x 180 x 7
132	120	113 x 180 x 7/8
122	110	103 x 180 x 7/8
112	100	93 x 180 x 7/8
102	90	83 x 180 x 7/8
92	80	73 x 180 x 7/8
82	70	63 x 180 x 7/8

*For agreed quantities

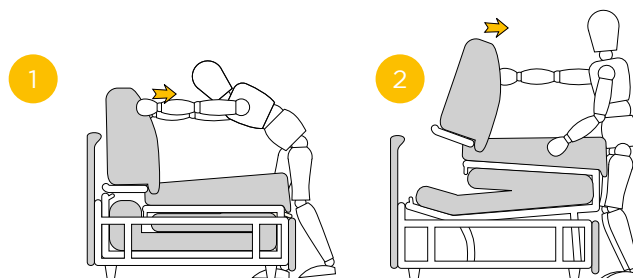
EOLO ORTHOPAEDIC



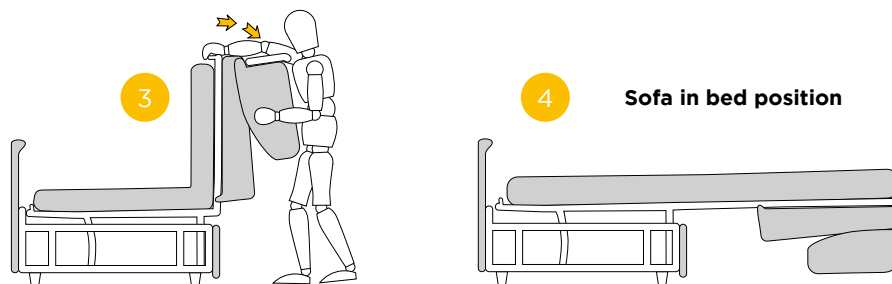
OPENING AND CLOSING INSTRUCTIONS FLAP MECHANISM

Opening

Lift the mechanism by gripping the backrest, pulling in the direction of the arrow and then turning it 90° in the direction of the arrow (1-2).

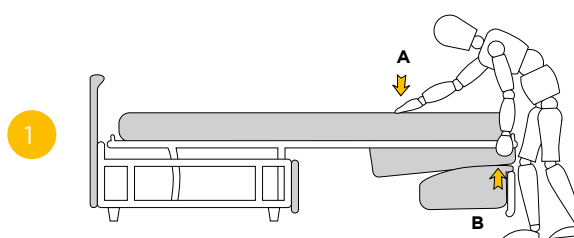


Take the end of the bed and lower it to the floor by simply turning it as indicated by the arrows.

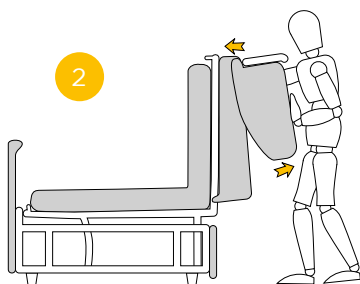


Closing

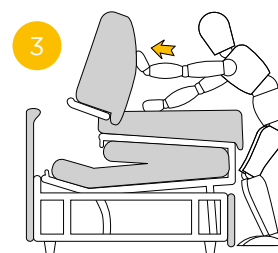
To close the sofa, raise part **B** and then turn it 90°.



Press on the backrest and turn it in the direction indicated by the arrows.



Finally, press on the backrest.



Note - Do not leave quilts and/or pillows inside the mechanism

WARRANTY AND CERTIFICATIONS

WARRANTY CONDITIONS

Armetal Srl offers a 1-year warranty on all mechanisms.

The warranty is valid under the following conditions:

- the mechanism must bear an adhesive warranty label indicating the month and year of production
- proof must be provided that the failure is due to manufacturing defects and not to incorrect use of mechanism such as:
 - leaving blankets, pillows or other items inside the mechanism when closed in the sofa position
 - using mattresses with measurements and parameters that do not match those indicate
 - incorrect assembly of the seat cushions.

MAINTENANCE

Lubricate the mechanical leverage system at least twice a year.

If not lubricated, the leverage system may become squeaky.

Periodically remove dust and dirt from the mechanical parts.

This warranty is granted exclusively to Armetal Srl customers who have purchased the mechanism. The value compensated by the warranty can never exceed the price of the mechanism itself.

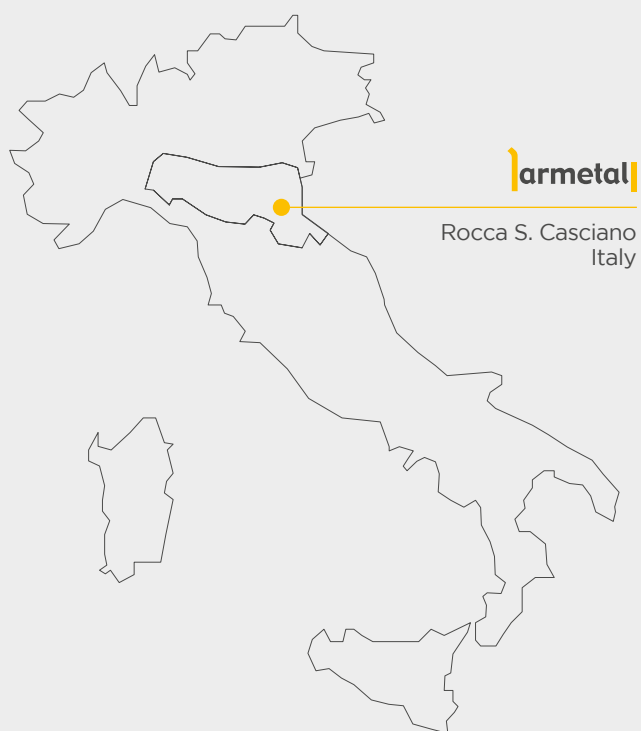
Our mechanisms — in particular Zefiro, Levante, Grecale, Scirocco and Eolo — are CATAS certified.

CATAS is the internationally recognized Italian institute for certification, research and testing in the wood and furniture industry.

The tests passed in reference to European standard EN 1725 are:

- EN 1725:1998 sect. 6 - General safety requirements;
- EN 1725:1998 sect. 7.2 - Stability;
- EN 1725:1998 sect. 7.3 Durability test;
- EN 1725:1998 sect. 7.4 - Vertical impact;
- EN 1725:1998 sect. 7.5 - Durability of bed edge;
- EN 1725:1998 sect. 7.6 - Vertical static load;
- EN 1725:1998 sect. 7.7 - Vertical static load test of the edge of the bed;
- EN 13759:2012 - Operating mechanism for seating and sofa beds (2,000 cycles)





armetal

Rocca S. Casciano
Italy





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