



# Enova

Storage Systems

Wide Span Shelving M66

*The Strength of Simplicity*





We design, calculate and manufacture storage systems, going from the most basic to the most sophisticated and advanced solution.

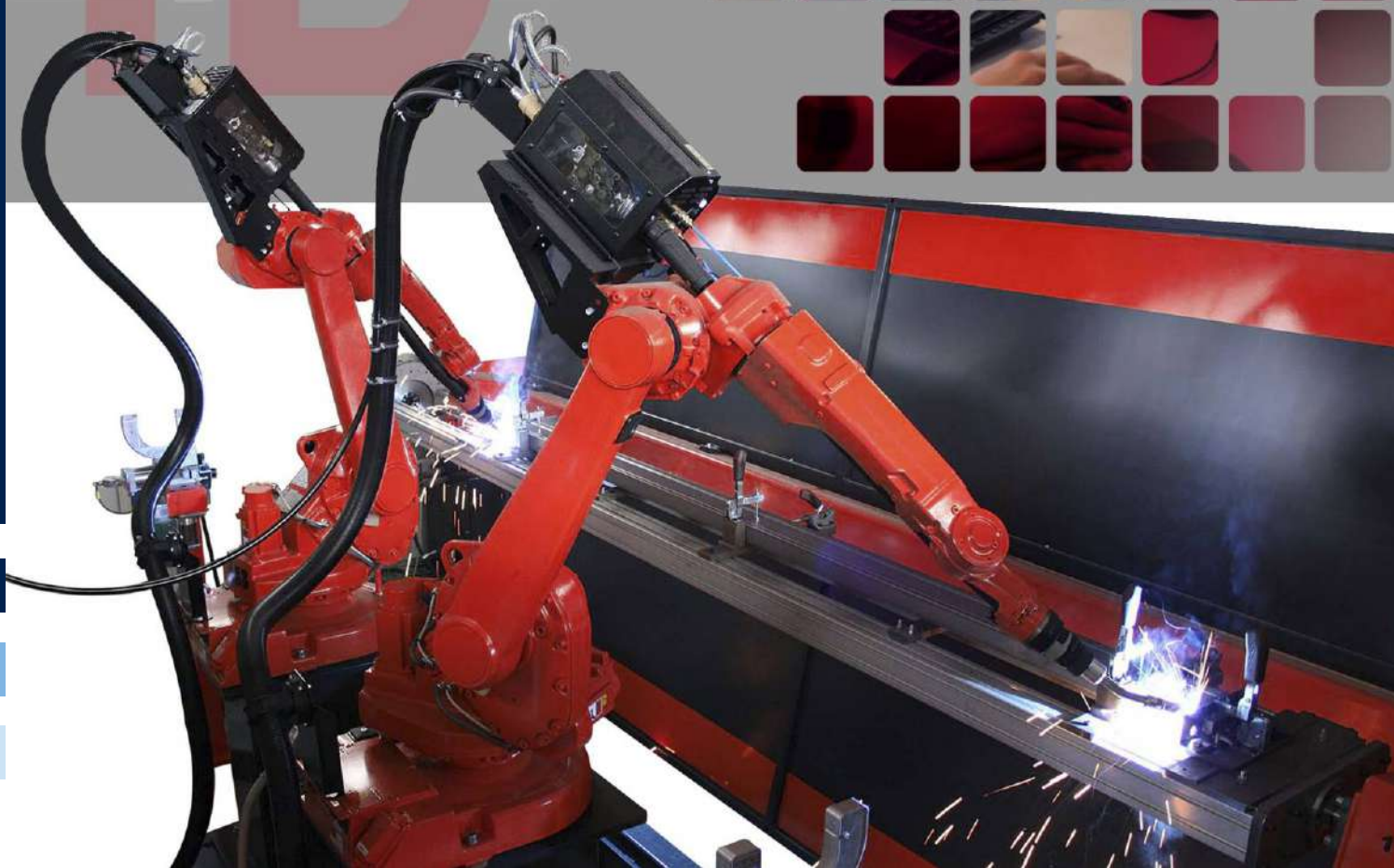
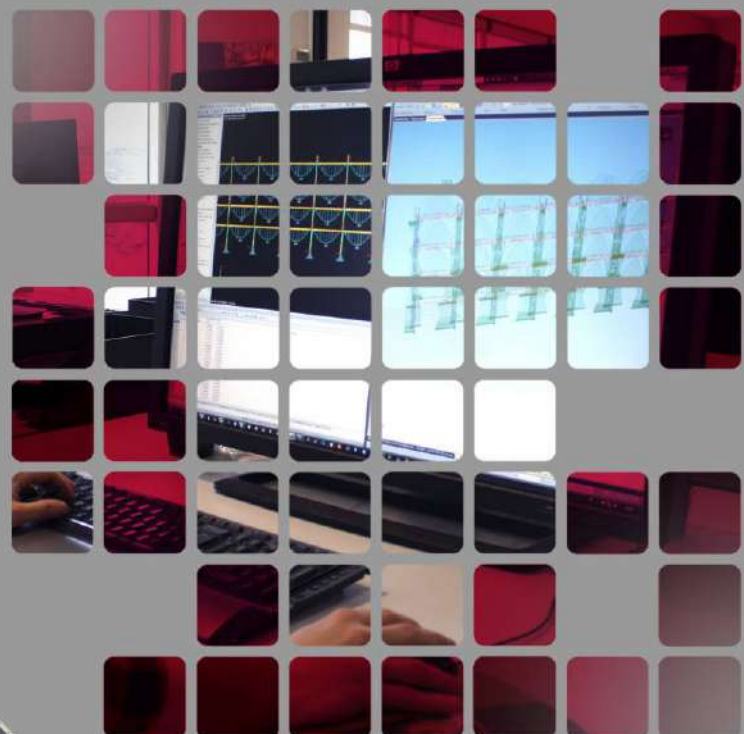
We guarantee the quality of our processes creating reliable products, to satisfy our customers storage needs.



Esnova Racks S.A. Head Office and Manufacturing Plant - 46.600 m<sup>2</sup>

# INNOVATION

Innovation to develop new products and optimizing the existing ones.



# EXPERIENCE

We have a team with extensive experience in the logistics and handling industry.

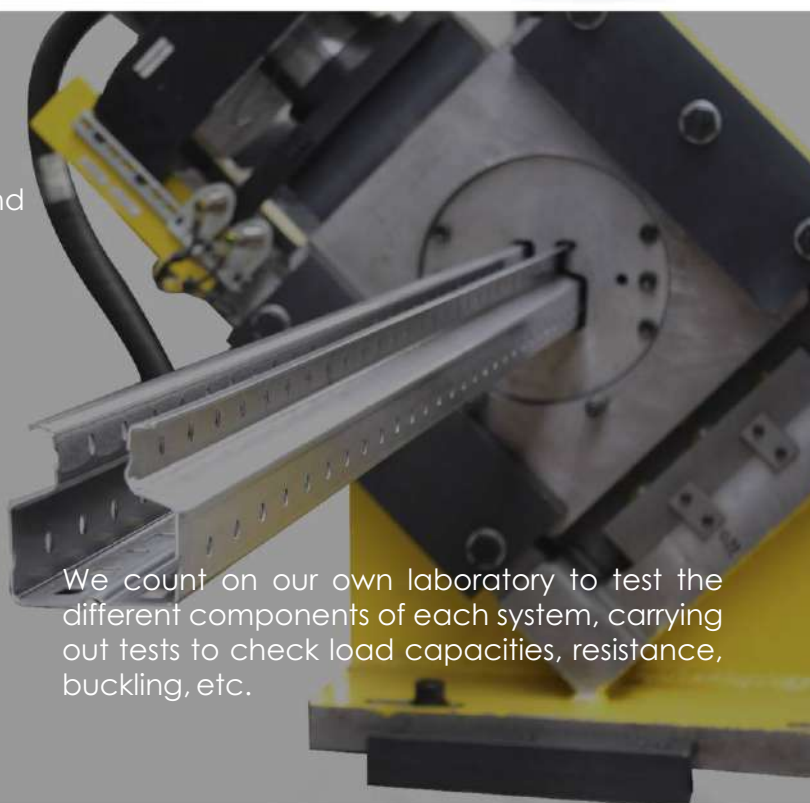


WE EXPORT TO MORE  
THAN 30 COUNTRIES



# TECHNOLOGY

Our machinery at your disposal.  
We are equipped with the most flexible and advanced production systems.



We count on our own laboratory to test the different components of each system, carrying out tests to check load capacities, resistance, buckling, etc.

# QUALITY

Quality as a priority standard is established on each and every process Esnova develops.

The group invests in quality and safety and also promotes environmental respect.

- Quality management system certification (ISO 9001).
- Environmental management system certification (ISO 14001).
- Occupational health and safety management system certification (OHSAS 18001).
- CE marking certification acc. UNE EN 1090.
- Member of the European Federation of Material Handling FEM/AEM.









# Wide Span Shelving M66

**Manual storage system for medium and heavy loads.**

- Direct access to the goods. Best to use when many different items and irregular rotation.
- Great strength.
- Easy and fast assembly.
- Adjustable to different volume and cargo sizes.
- Possibility to set up two-tier systems to optimize the warehouse space.



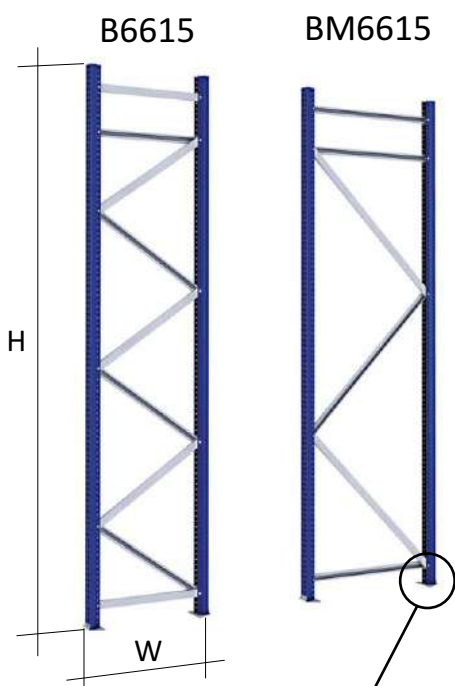
## SYSTEM COMPONENTS

### FRAMES

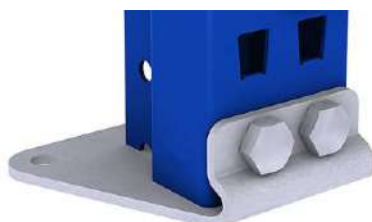
A frame consists of two perforated uprights, connected by a bracing made of horizontals and diagonals bolted to the uprights.

	B6615	BM6615
Min/Max Height (H)*	2500 / 5500 mm.	1500 / 3250 mm.
Frames Width (W)	400 - 600 - 800 - 1000 mm.	

\* The frames standard heights increase in steps of 250 mm.



### BASE PLATE MZ66



Base plate MZ66	
Thickness	3 mm.
Finishing	Pregalvanized



### UPRIGHT

Upright
Finishing
Blue 5019
Pregalvanized

### DIAGONALS HORIZONTALS



Upright	Dimensions	Thickness	Finishing
M6615	50 x 51,65	1,5	Blue 5019
M6618		1,8	Pregalvanized
M6620		2,0	

Measures in millimeters

## BEAMS

A beam is a strong horizontal member used to support the load. It's made of a Z profile with two welded connectors of both ends.

The connectors have stamped hooks every 25 mm. thus connecting them to the uprights front holes.



BEAM Z35



BEAM ZG35

Beam Z35 - ZG35	
Thickness	1,5 mm.
Connector	MC3
Standard lengths (mm.)	890-1070-1250 1425-1605
Finishing	Orange 2004



BEAM Z55e



BEAM ZG55e

Beam Z55e - ZG55e	
Thickness	1,5 mm. - 1,8 mm.
Connector	MC3
Standard lengths (mm.)	890-1070-1250-1425- 1605-1785-1960-2140
Finishing	Orange 2004



BEAM Z65e



BEAM ZG65e

Beam Z65e - ZG65e	
Thickness	1,8 mm. - 2 mm.
Connector	MC3
Standard lengths (mm.)	1605-1785-1960 2140-2315-2500-2675
Finishing	Orange 2004



BEAM Z85e



BEAM ZG85e

Beam Z85e - ZG85e	
Thickness	2 mm.
Connector	MC4
Standard lengths (mm.)	1605-1785-1960 2140-2315-2500-2675
Finishing	Orange 2004

### GRAN MILANO



Beam Gran Milano	
Thickness	1,5 mm.
Connector	MC3
Standard lengths (mm.)	890-1070-1250 1425-1605-1785
Finishing	Orange 2004

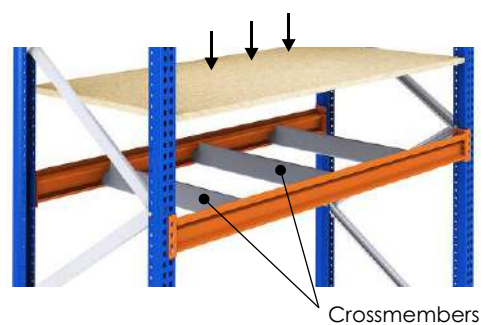
### LARGUERO MV



Beam MV	
Thickness	2 mm. - 2,3 mm. - 3 mm.
Standard lengths (mm.)	890-1070-1250 -1425
Finishing	Orange 2004 Pregalvanized

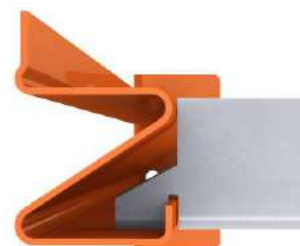
## CROSSMEMBER

Element designed to carry loads, it is placed on two beams of the same shelf without the need of joining elements.



### ■ Crossmember T35

Designed to be used together with beams Z35 y ZG35.



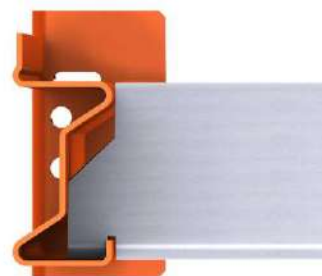
### ■ Crossmember T55

Designed to be used together with beams Z55e y ZG55e.



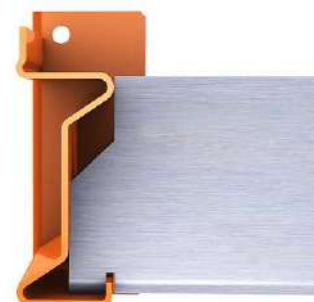
### ■ Crossmember T65

Designed to be used together with beams Z65e y ZG65e.



### ■ Crossmember T85

Designed to be used together with beams Z85e y ZG85e.



### ■ Crossmember RM42

Designed for use with all beams.



Crossmember

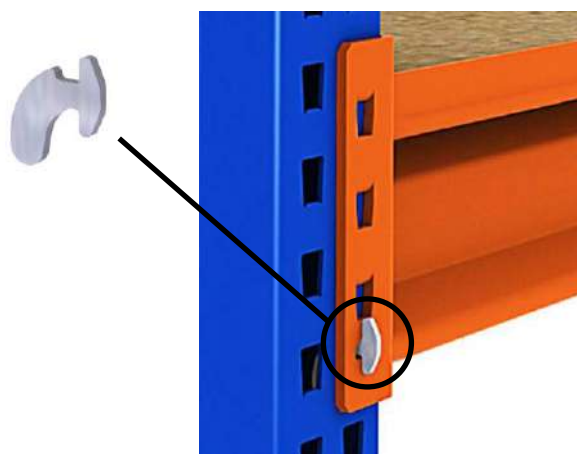
Finishing

Pregalvanized



## SAFETY CLIP CRM

Element designed to avoid accidentally disengaging of beams.

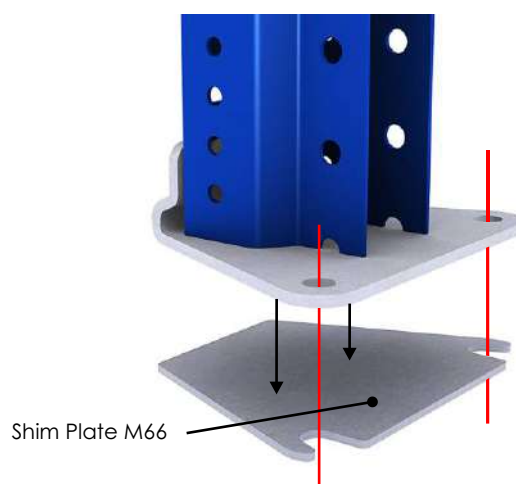


Safety Clip CRM

Finishing    Pregalvanized

## SHIM PLATE M66

Element designed to help levelling of frames.



Shim Plate M66

Shim Plate M66

Finishing    Pregalvanized

## FRAMES SPACER DC50

Joining element bolted to two frames placed at the same level to maintain a constant distance between two alignments of modules.



Lengths (mm.)

100 - 150 - 200 - 300 - 400 - 500



Frame Spacer DC50

Finishing    Blue 5019

## CHIPBOARD PANELS

Chipboard panels designed to fit perfectly in each bay.

They lean on the beams.

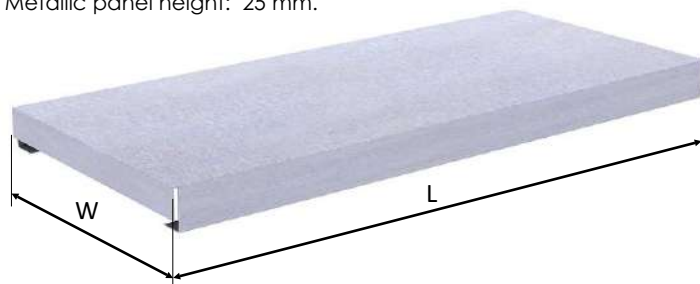




## METALLIC PANELS M66

Metallic panels manufactured in pregalvanized steel 0,8 & 1 mm. thick, easy to clean and corrosion-free.

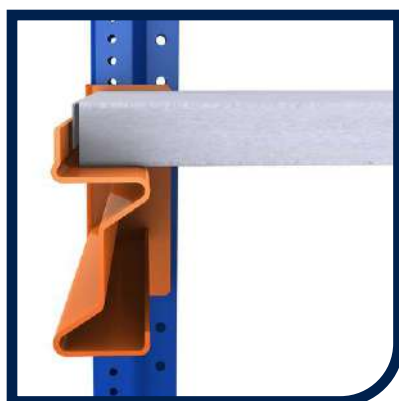
Metallic panel height: 25 mm.



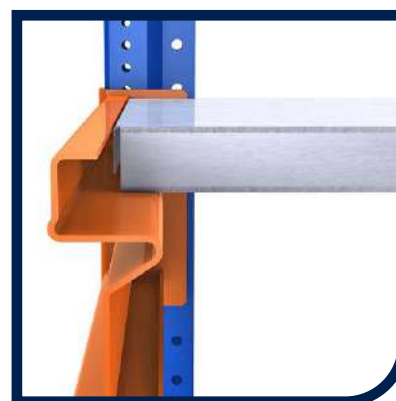
Frame depth (mm.)	L (mm.)	W(mm.)
400	402	178
600	602	178
800	802	178
1000	1002	178

Standard beam lengths (mm.)											
	890	1070	1250	1425	1605	1785	1960	2140	2315	2500	2675
N° Panels	5	6	7	8	9	10	11	12	13	14	15

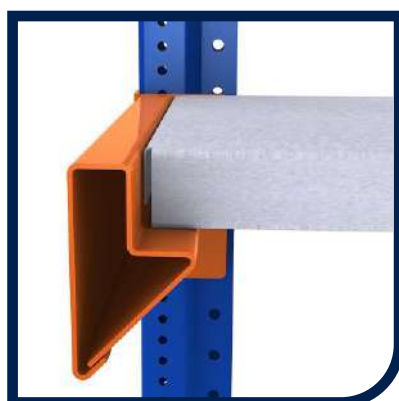
PANEL POSITION WITH  
Z BEAMS



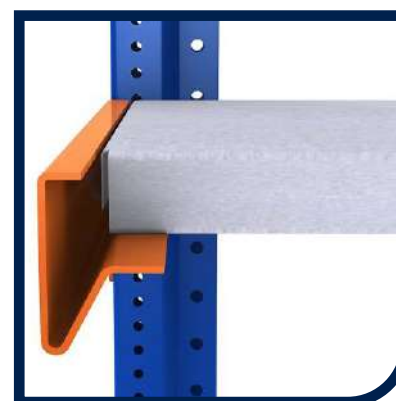
PANEL POSITION WITH  
ZG BEAMS



PANEL POSITION WITH  
GRAN MILANO BEAMS



PANEL POSITION WITH  
MV BEAMS

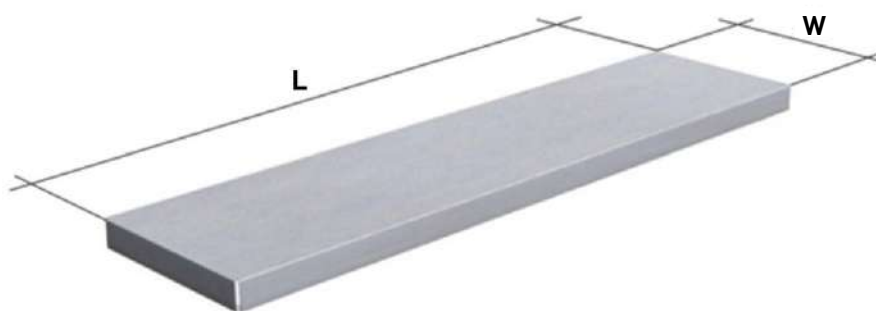




## SZ SHELVES

It can be used with all kind of beams.

There are two options to install the SZ shelves: perpendicular to the beams and the M66 steel panels, or with only one shelf covering the whole cell surface.



Wide "A" (mm.)	Long "L" (mm.)
250 - 300 - 400 - 500 - 600	500 a 1200 <small>Automatic mode manufacturing.</small>

SZ Shelves	
Finishing	Pregalvanized



PERPENDICULAR SHELVES  
TO THE BEAMS

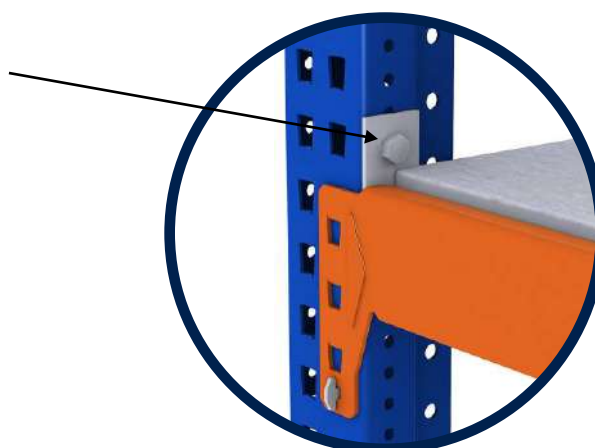


ONLY ONE SHELF  
(COVERING THE WHOLE CELL)

### MV/Z SUPPORT PLATE

In order to avoid the shelves to fall into the gap between the beam and upright support, small support plates will be placed.

MV/Z Support Plate	
Finishing	Pregalvanized





# Esnoval



*Ask for our product catalogs!*

## Light and Medium Loads:

Manual Rack  
Riveto Shelving System  
Slotted Angle Shelving

## Large Loads:

Pallet Racking  
Drive In  
Shuttle Cart  
Cantilever  
Rack Clad Building  
Robotized Systems

## Handling:

Containers

## Safety

Modular Guards

**Esnoval**  
SOFTWARE

## Warehouse Management Software:

How to organize a warehouse?

This software specially designed to the warehouse management is the perfect IT tool to have a logistic control of your storage space.



[www.esnova.es](http://www.esnova.es)



Management System  
ISO 9001:2008  
ISO 14001:2004  
OHSAS 18001:2007  
EN 1090

[www.tuv.com](http://www.tuv.com) ID: 9105076955



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