



neipatec[®] **ST**





OVERVIEW

The NEIPATEC[®] ST is our standard high league dedicated LED perimeter system. It is a robust, easy to maintain, and fast to install cabinet. When designing the NEIPATEC[®] ST, we managed to implement many of the NEIPATEC[®] PRO VR's elements while still offering a lower-cost product.



APPLICATION
Outdoor



BRIGHTNESS
≤ 7500 NITS (LED TYPE SMD)



INGRESS PROTECTION
IP68 (front) / IP66 (back)



POIDS
45 kg/sqm



PIXEL PITCH
P6.2 P6.6 P8.3 P10



MATERIAL
Die-casting aluminum



DISPLAY AREA (L x H)
1600 x 900 mm



MAINTENANCE
Front & back maintenance



SIZE

1600 x 938 x 105 mm





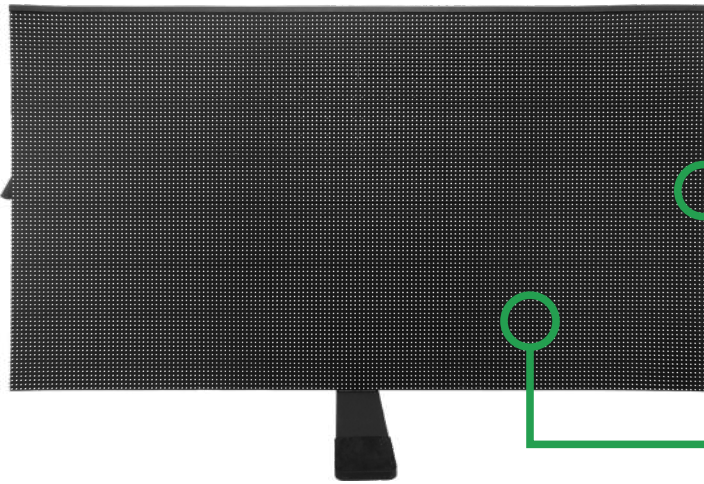
FEATURES



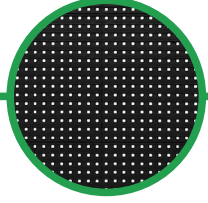
RUBBER BUMPER



ROTATIVE STABILIZING
FOOTSTAND



INTEGRATED HANDLES



SMD LEDs +
OUTDOOR MASK



FAST CABINET LOCKING



NATURAL HEAT
DISSIPATION



3 POWER BOXES :
2 x MODULES
1 x RECEIVING CARD



FEATURES

HIGH BRIGHTNESS

The NEIPATEC[®] ST is the only LED perimeter system able to attain a 7500 NITS brightness. Your LED stadium perimeter will stay bright for a longer period. Through time, the color uniformity of your LED display usually degrades. This makes a regular calibration necessary

for a uniform LED display. This process will reduce your screen brightness by 5 to 10% (2~3 years). For instance, this product is estimated to maintain a 6750 NITS brightness after 6 years of intensive use.

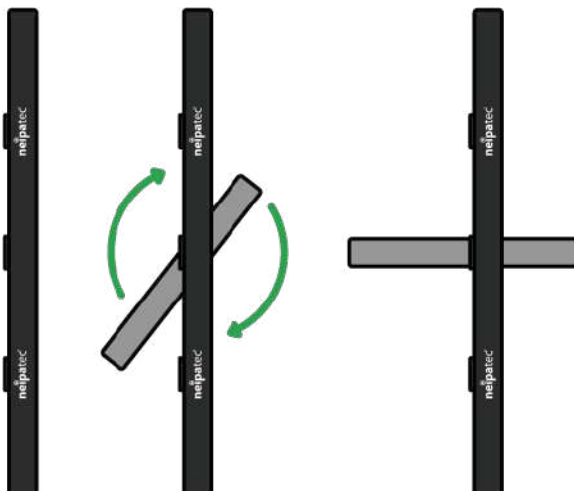
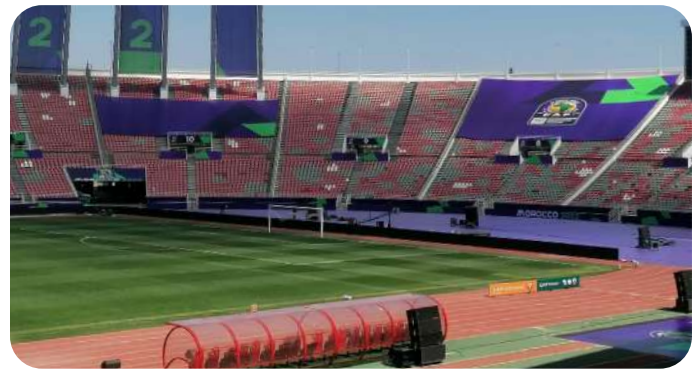


ROBUST LED DISPLAY

The NEIPATEC[®] ST is a tough and durable product. It is completely waterproof, resistant to particle ingress, shockproof and can sustain temperatures going from -20°C to 60°C.

INSTALLATION & MAINTENANCE

This LED cabinet is designed to be as light as possible. The NEIPATEC[®] ST's rotative stand, inspired by the NEIPATEC[®] PRO VR's, helps a fast and easy installation process. The modules, accessible from the front and back, are quick to replace, making it possible to repair your perimeter system mid-game in case of an emergency.

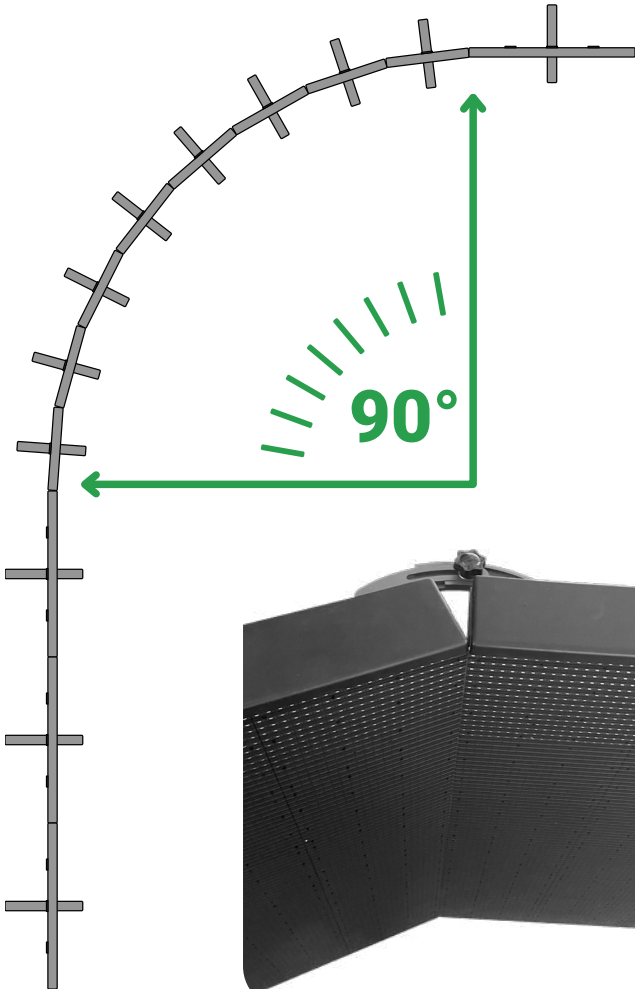


ROTATIVE STABILIZING FOOTSTAND

The NEIPATEC[®] ST comes with a rotative footstand that presents many advantages. First, it allows for you LED cabinets to take less space for storage and transport. Moreover, it's an excellent means to stabilize your LED perimeter, as it offers a perpendicular support at the front & the back of your cabinets which, locked together on the sides, create a sturdy and stable LED screen, extremely resilient to wind pressure.



ANGLES



CONNECTING PLATES

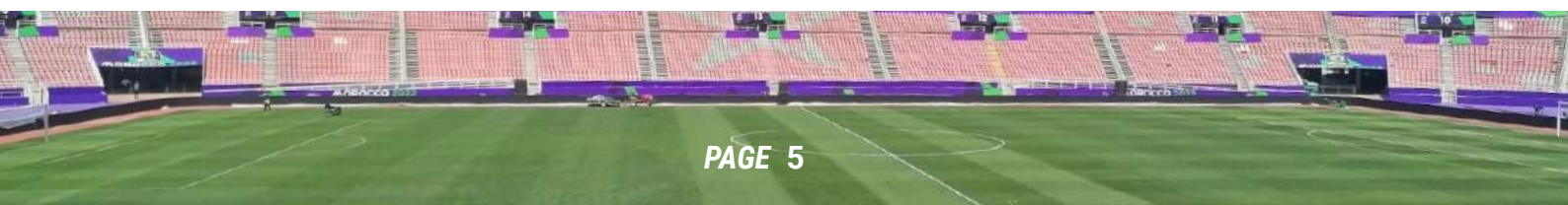
Connecting plates were specially conceived to assemble eight angle NEIPATEC[®] ST cabinets together to form a 90° angle at your stadium's corners. It's a user friendly device that allows you to lock two cabinets together at any given angle, offering a smooth and aesthetic curve to broadcast your visual content all around your stadium.



CABLE MANAGEMENT

TOP STORAGE CASE

Storage cases are placed at the top of each cabinet to hide and protect the cables. No cable is visible after the installation of the NEIPATEC[®] ST is complete. These cases are easily attainable without any tools.





FLIGHTCASES



TAILORED FLIGHTCASES

The NEIPATEC[®] ST's flightcases were specially designed to guarantee your LED perimeter system's integrity during its transportation and storage, while offering simple and quick manipulation processes. It will only take a few hours to a team of handlers to extract the cabinets from the flightcases and install them around your stadium.

1700 x 1170 x 490 mm

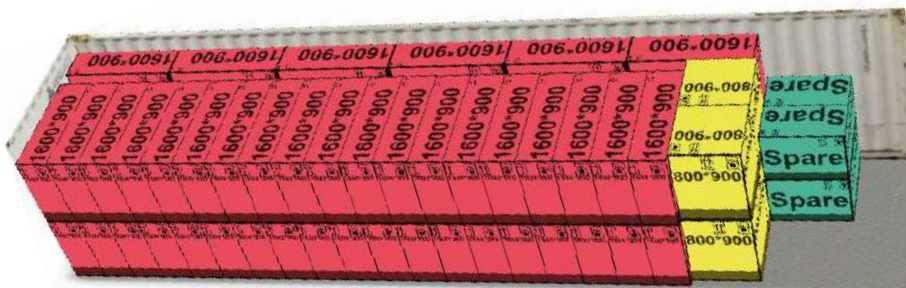


250 LINEAR METERS

148 STANDARD CABINETS
50 FLIGHTCASES

16 DEMI-CABINETS (ANGLES)
3 FLIGHTCASES

2 FLIGHTCASES FOR
SPAREPARTS & ACCESSOIRES



ARTXIUM'S EXPERTISE

Backed by a long experience in the sports and event industries, Artxiu spent years perfecting its freight solutions to guarantee its customers would always be satisfied. Making sure

our products are delivered in a pristine condition, and can be transported without suffering any damage after several years of use is one of our top priorities.





VIRTUAL ADVERTISEMENT TECHNOLOGY

THE FUTURE OF ADVERTISEMENT

Virtual advertising is a process used in the field of television broadcasting which makes it possible to sublimate one or several streams of advertisement over the advertisement seen in the stadium by the spectator.

The signal emitted by the cameras is demultiplexed in post-production. Each advertisement thus obtained is then sent to the dedicated broadcaster. From then, the advertisement seen on the perimeter system by the TV spectator will be different from the one seen by the stadium spectator, as well as from a spectator that watches the same match on a different channel.

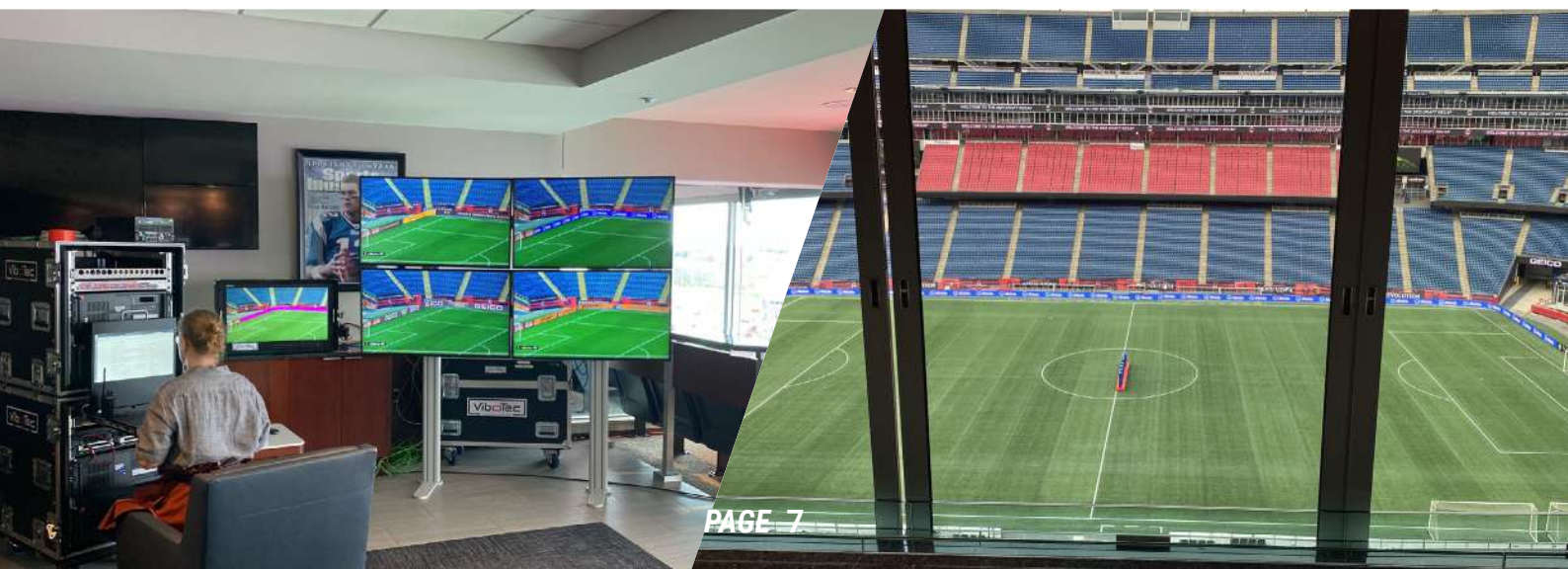
Since the stadium advertising rights are often the property of local clubs, TV broadcasters have every interest in replacing said advertisements with their own. This technology is a great tool for targeting different audiences watching the same match.



AN ARTIXIUM & VIBOTEC SPORTS SOLUTION

Advertising software is also part of Artixium's sports solutions. They allow brands and companies to overlay existing ads on perimeter systems with other content in real-time. They give sports event organizers the ability to generate independent and differentiated advertising messages, giving sponsors the

ability to create unique advertising messages for specific audiences around the world. The special process used is called Keying. It consists of isolating a single color or brightness value in an electronic image and using software to make that value transparent, allowing another image to sublimate over it.





REFERENCES

All around the globe, famous sports organizations have already made the best choice possible for their LED perimeter system.





EQUIPPED STADIUMS :

Letzigrund

Stockhorn Arena

Kybunpark

Wankdorf Stadium

Mohamed V Stadium

Marrakech Grand Stadium

Adrar Stadium

Ibn Battûta Stadium

Anji Arena

Otkritie Arena

St Jakob Park

La Maladière Stadium

Old Trafford

Anfield Stadium

Etihad Stadium

Allianz Stadium

Kenan Memorial Stadium

Houlihan Stadium

Jeonju World Cup Stadium

Parc des Sports

Orange Vélodrome

La Beaujoire

Complexe Prince Moulay Abdellah

& many more...





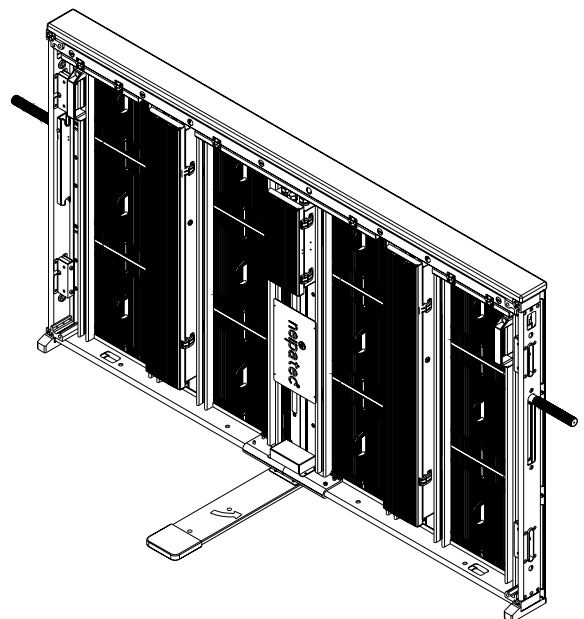
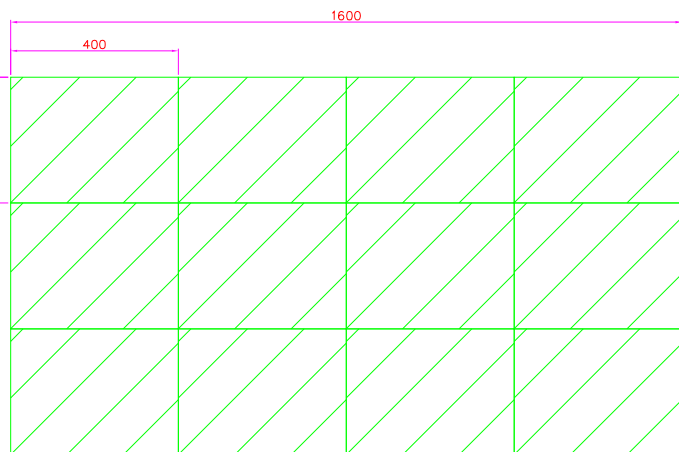
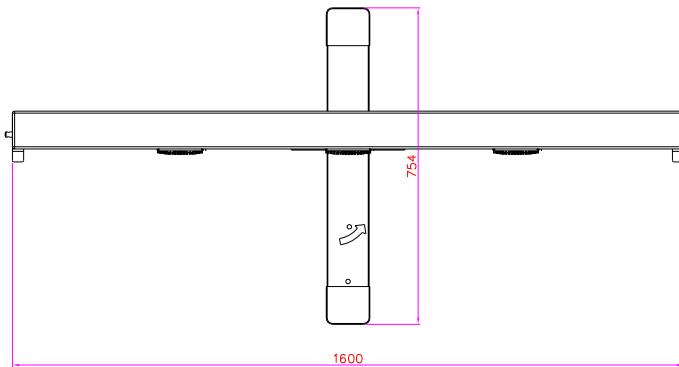
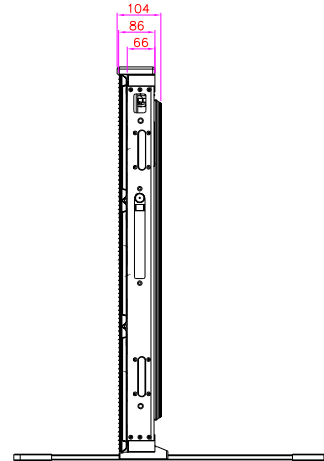
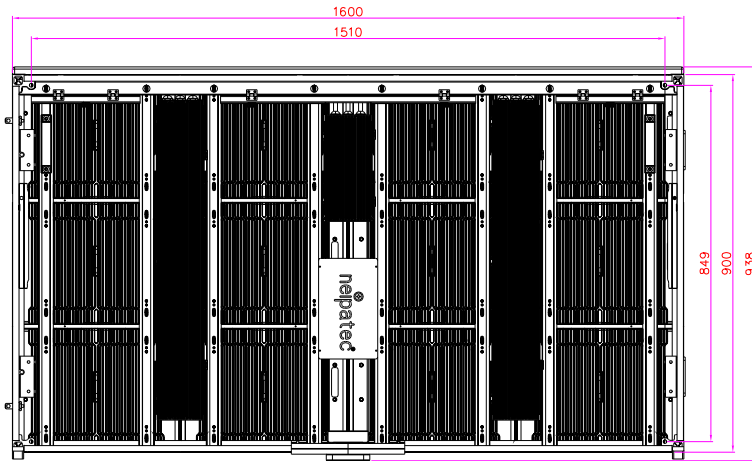
TECHNICAL SPECIFICATIONS

		OUTDOOR			
Product Parameters	Unit	6.2	6.6	8.3	10
Pixel Pitch	mm	6,25	6,67	8,33	10,00
LED		SMD3535			
Application		Outdoor regular league perimeter system			
Ingress Protection	IP	IP68 (Front) / IP66 (Rear)			
Brightness	cd/sqm	≤ 7500			
Color Temperature after calib (adjustable)	deg. K	6500			
Viewing Angle (50% brightness)	deg.	170 H / 110 V			
Cabinet Size (WxHxD)	mm	1600 x 928 x 105			
Display area (WxH)	mm	1600 x 900			
Module Size (WxHxD)	mm	400 x 300 x 20			
Pixel Matrix Per Cabinet (WxH)	px	256 x 144	240 x 135	192 x 108	160 x 90
Pixel Matrix Per Module (WxH)	px	64 x 48	60 x 45	48 x 36	40 x 30
Pixel Density	px/sqm	25600	22500	14400	10000
Weight	kg/sqm	45			
Cabinet Material		Aluminum Die Casting			
Maintenance Mode		Front & Rear			
Mask specification		95% Plastic + 5% Fiber / SS Screws / No Shaders			
Contrast Ratio		High			
Grey scale (linear)	bit	16			
Brightness control	bit	16			
Processing depth	bit	16			
Color		281 Trillions			
Display Refresh Rate	Hz	3840			
Operation Power	V	AC90-260V			
Max. Power Consumption	W/sqm	550			
Average Power Consumption	W/sqm	200			
Control Mode		Synchronization			
Video Frame Rate	Hz	50/60Hz			
Input Types Supported		DVI / SDI / HDMI			
3D ready (optional)		Yes			
Calibration		Yes			
Lifetime (50% brightness)	h	50000			
Operating Humidity Range		10-90%			
Operating Temperature Range		-20°C / +60°C			
Screen Uniformity Correction		-			
Certification		CE (LVD, EMC), ETL,CB			
Available options		Gold Wire, Corners			
Compatibility		No			



TECHNICAL DRAWINGS

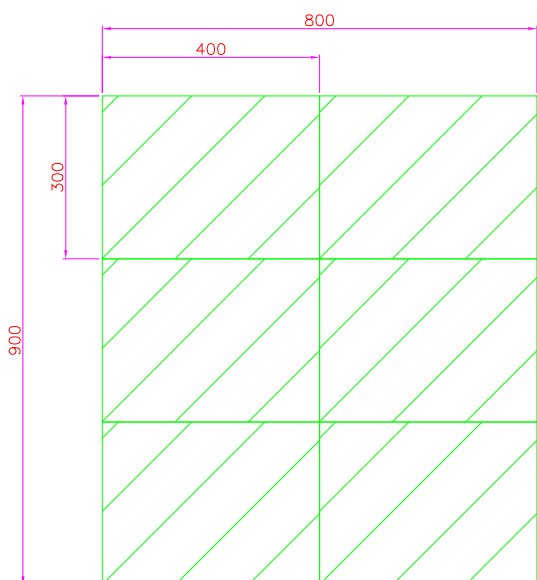
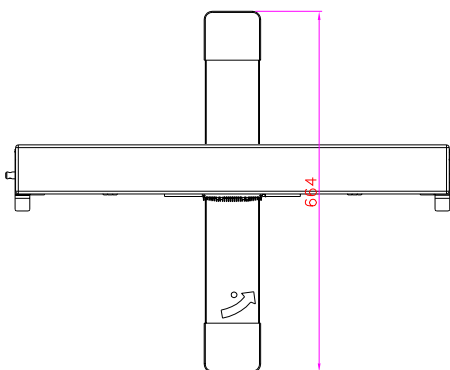
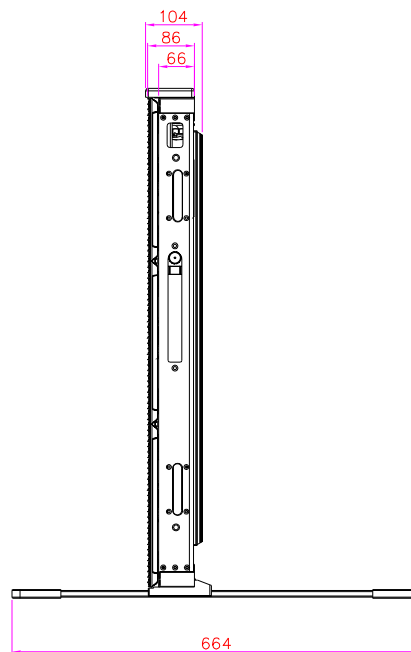
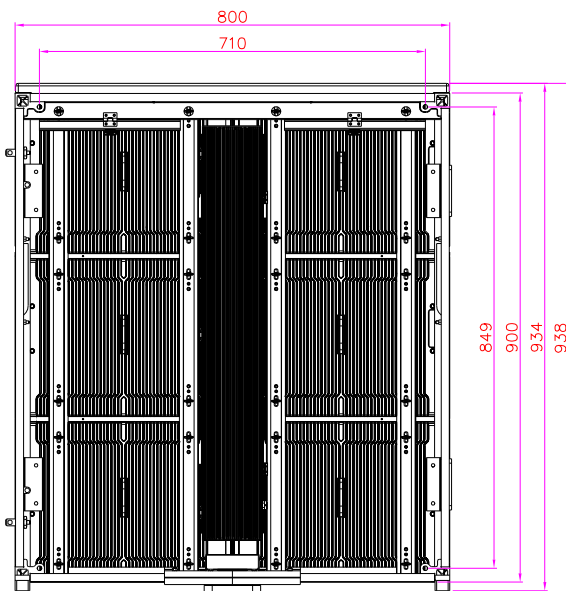
1600 X 938 X 104 MM





TECHNICAL DRAWINGS

800 X 938 X 104 MM





CONTACT

The Artixium regional branches are the key for the growth and development of our global network all over the world. Artixium's team is a spectrum of different nationalities and cultures, reflecting their global presence and mindset, mak-

ing their communication smooth and hassle-free with clients from all around the world. Customer care, Innovation and flexibility has always been our values and we intend to keep this reputation for many years to come.

ARTIXIUM FRANCHISES

"From your project's conception to its completion."



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Since its creation in 2012 by two european entrepreneurs, Artixium has been evolving and always looking for innovative ways to contribute to the digital transition of our world. It only took a few years for Artixium to become a key player in the LED display industry.

www.artixium.com