



GRANITE SPORT

INDOOR STADIUM PERIMETER





OVERVIEW

The GRANITE SPORT is a LED perimeter solution specifically designed for indoor sports venues. Combining high visual performance, enhanced player safety, and outstanding installation flexibility, it adapts seamlessly to a wide range of configurations, from pitch perimeter to LED ribbon displays. Engineered to meet the demands of professional events, it ensures strong visual impact and reliable day-to-day operation.



APPLICATION
Indoor



INGRESS PROTECTION
IP30



PIXEL PITCH
P4.5 P5.5 P6.2



DISPLAY AREA (w x h)
1200 x 900 mm
1200 x 800 mm



BRIGHTNESS
≤ 1000 NITS



WEIGHT
25.6-28 kg/cabinet



MATERIAL
Die-casting aluminum

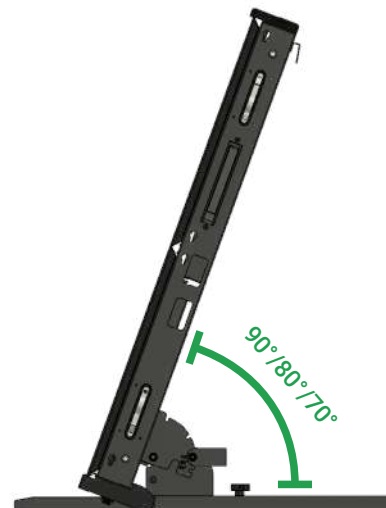
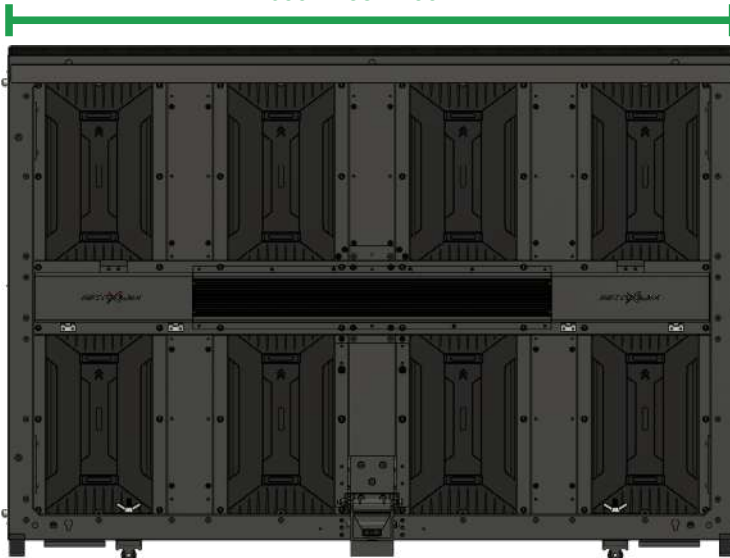


MAINTENANCE
Back maintenance (front opt.)



DIMENSIONS

1600 x 938 x 105 mm





FEATURES

ROTATING FOOT

The GRANITE SPORT features a rotating stabilizing foot designed to ensure excellent ground stability. Built to meet the demands of sports environments, it provides optimal support while enabling easy positioning and fast deployment of the cabinets.



TITLING FOOT OPTION

As an option, the GRANITE SPORT can be equipped with an adjustable tilting foot, allowing precise angle settings at 90°, 80°, or 70°. This flexibility ensures optimal visibility based on venue constraints and camera angles, while enabling seamless integration in all indoor environments.

MAINTENANCE

The GRANITE SPORT is designed for quick and easy rear maintenance, providing direct access to components for servicing operations. An optional front access is also available, offering additional flexibility for installations in constrained environments.





OPTIONAL WHEELS

The GRANITE SPORT can be equipped with two wheels positioned on the lower edge of the cabinet, making handling and on-site movement easier. This option simplifies both installation and storage, while significantly reducing effort during setup operations.

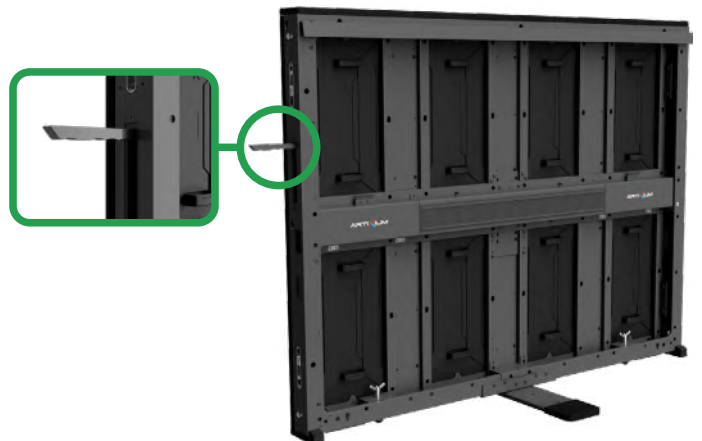


SIDE BUMPERS

Side bumpers can be integrated at each end of the cabinet rows to protect players in case of contact or falls. Designed to absorb impacts, they enhance pitch-side safety while blending seamlessly into the overall installation.

TRANSPORT HANDLES

The GRANITE SPORT integrates ergonomic transport handles, enabling safe and easy handling of the cabinets. This design simplifies installation, dismantling, and day-to-day handling operations.





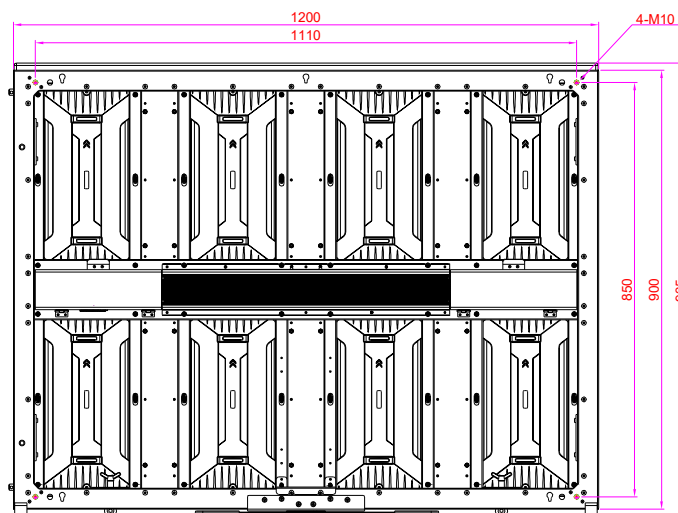
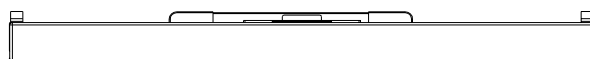
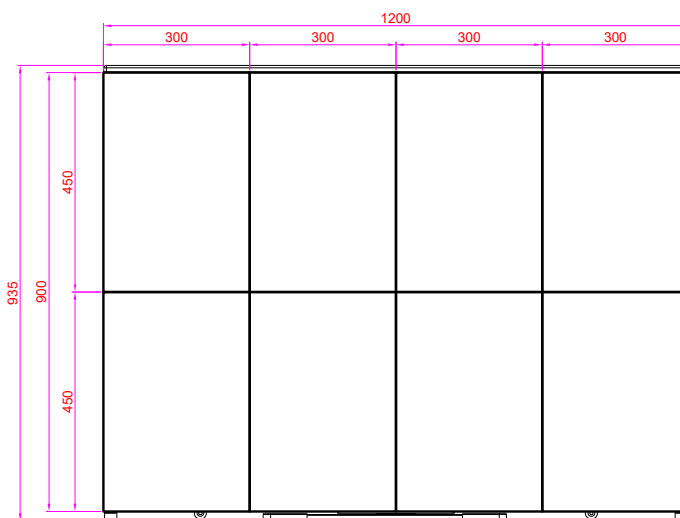
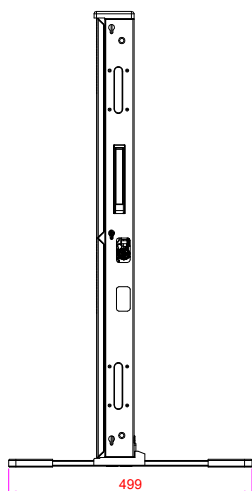
TECHNICAL SPECIFICATIONS

Product Parameters	Unit	INDOOR		
		4.5	5.5	6.2
Pixel Pitch	mm	4,55	5,56	6,25
LED		SMD2121		
Application		Indoor LED perimeter system		
Ingress Protection	IP	IP30		
Brightness	cd/m ²	≤ 1000		
Color Temperature after calib (adjustable)	deg. K	6500		
Viewing Angle (50% brightness)	deg.	160 H / 40-60 V		
Cabinet Size (WxHxD)	mm	1200 x 800 x 82 / 1200 x 900 x 82		
Display area (WxH)	mm	1200 x 800 / 1200 x 900		
Module Size (WxHxD)	mm	300 x 400 x 18 / 300 x 450 x 18		
Pixel Matrix Per Cabinet (WxH)	px	264 x 176 / 264 x 198	216 x 144 / 216 x 162	192 x 128 / 192 x 144
Pixel Matrix Per Module (WxH)	px	66 x 88 / 66 x 99	54 x 72 / 54 x 81	48 x 64 / 48 x 72
Pixel Density	px/m ²	48400	32400	25600
Weight	kg	25.6 / 28		
Cabinet Material		Die-casting aluminum (polycarbonate modules)		
Maintenance Mode		Back (front opt.)		
Mask specification		95% Rubber + 5% Fiber / SS Screws / Anti-shock shaders		
Contrast Ratio		High		
Grey scale (linear)	bit	14-16		
Brightness control	bit	16		
Processing depth	bit	16		
Color		281 Trillions		
Display Refresh Rate	Hz	7680		
Operation Power	V	AC100-240V		
Max. Power Consumption	W/m ²	560		
Average Power Consumption	W/m ²	170		
Control Mode		Synchronous / Asynchronous		
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		10-95%		
Operating Temperature Range		-20°C / +50°C		
Screen Uniformity Correction		-		
Certification		CE (LVD, EMC), ETL, FCC, RoHS		
Available options		Flightcases 6in1, High brightness (3500 nits), Wheels, Tilting feet, Side bumpers		
Compatibility		-		



TECHNICAL DRAWINGS

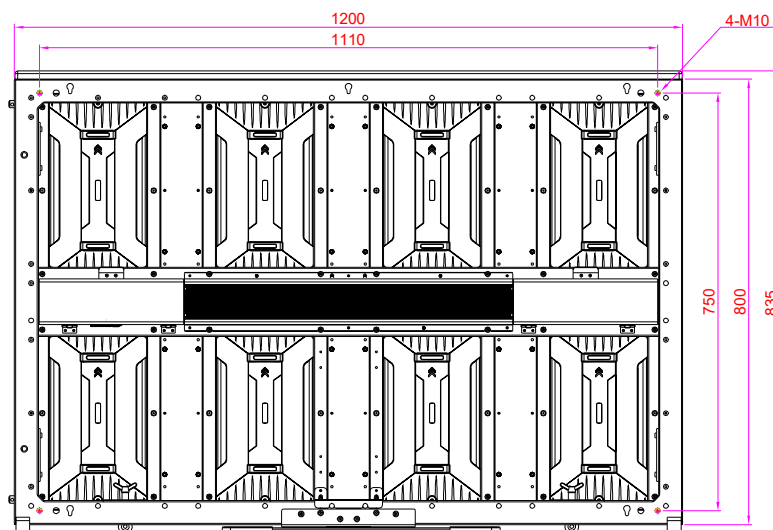
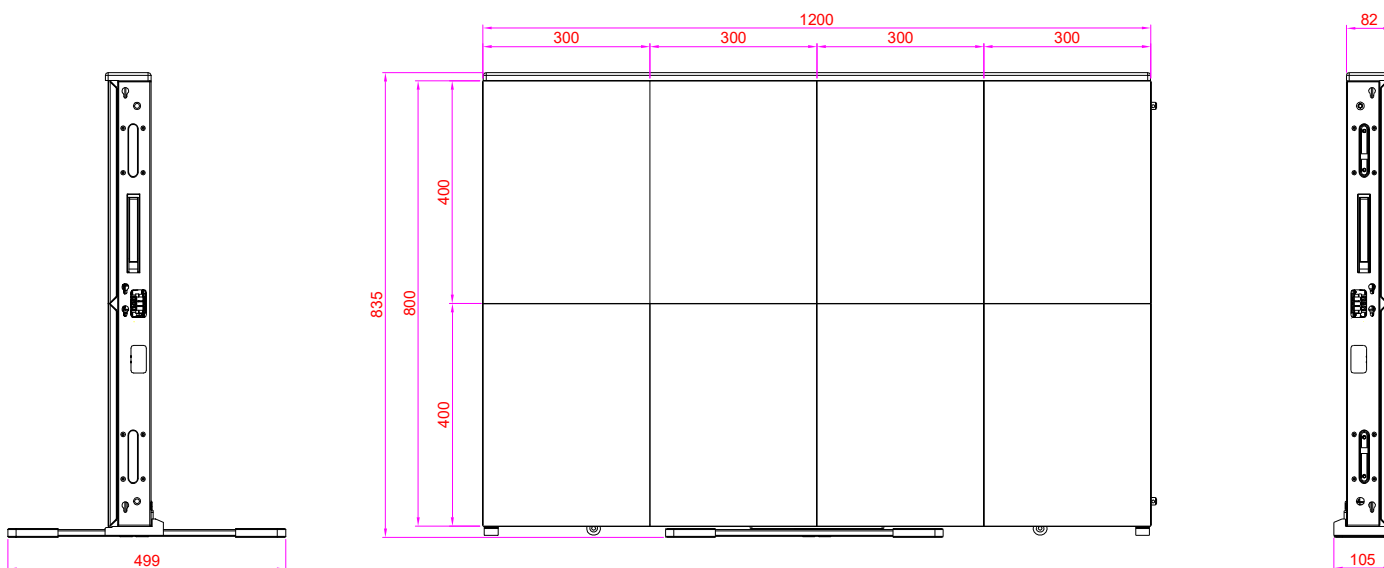
1200 x 900 mm





TECHNICAL DRAWINGS

1200 x 800 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