



neipatec[®]

ST DUO

DOUBLE FACE PERIMETER SYSTEM





OVERVIEW

The NEIPATEC[®] ST Duo is the double-sided version of the NEIPATEC[®] ST LED stadium perimeter system.

It retains the robust structure and user-friendly design of the NEIPATEC[®] ST while adding a second display area, reaching a total height of 1200 mm (900 + 300 mm).

This system is designed for clubs looking to increase advertising surface and TV visibility, or to offer double-sided content to their audience, without changing their existing infrastructure or adding complexity to pitch-side logistics.



APPLICATION
Outdoor



BRIGHTNESS
≤ 7500 NITS (SMD LED)



INGRESS PROTECTION
IP68 (front) / IP66 (back)



WEIGHT
73.6 kg/cabinet



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



MATERIAL
Die-casting aluminum



DISPLAY AREA (W x H)
1600 x 1200 mm



MAINTENANCE
Back & front maintenance



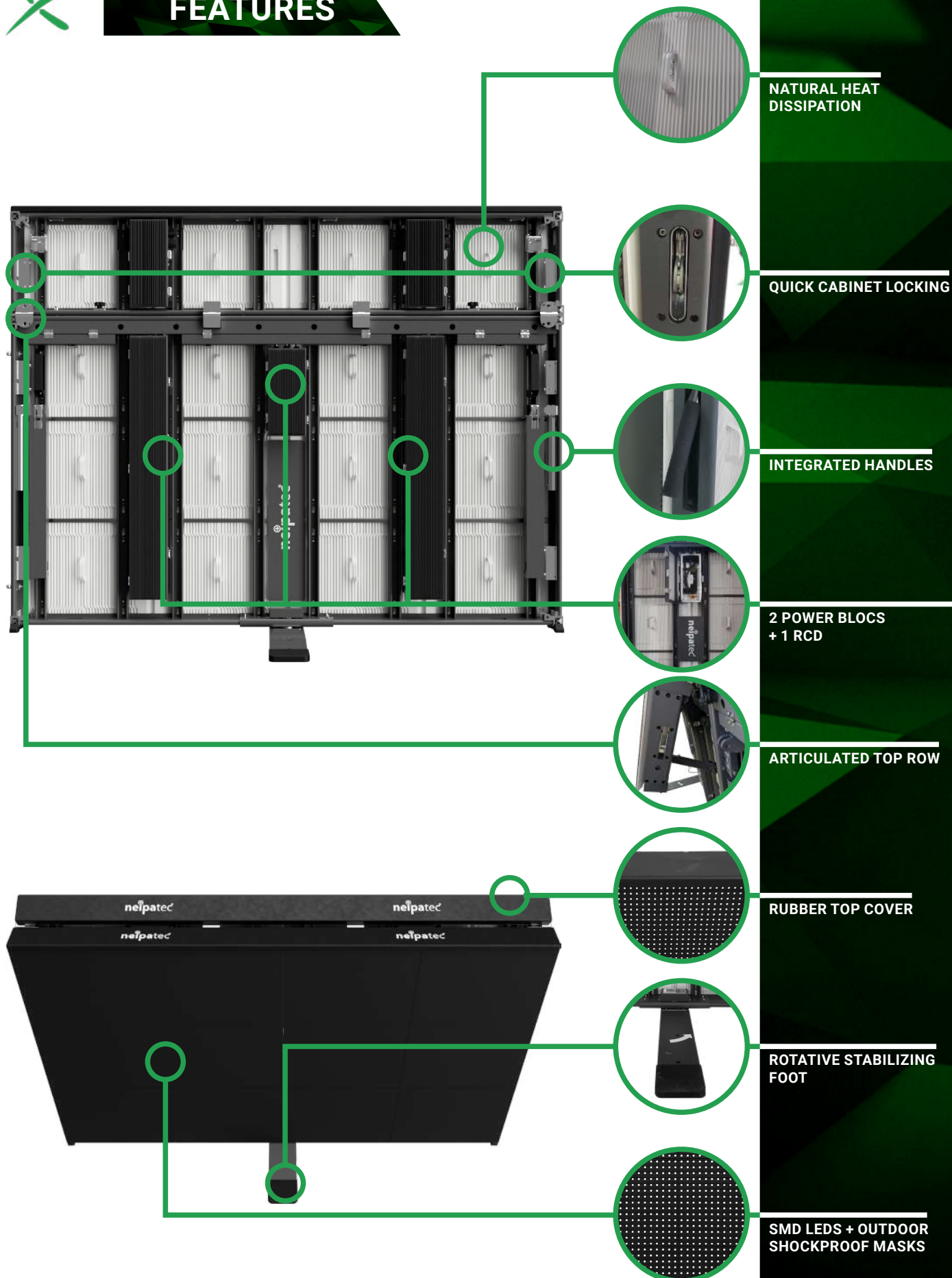
SIZE

1600 x 1238 x 105 mm





FEATURES





FEATURES

DOUBLE DISPLAY

The NEIPATEC[®] ST Duo offers two stacked display surfaces: a main 900 mm-high area and a 300 mm upper strip. This configuration increases sponsor visibility and enables new content for-

mats while complying with TV broadcast framing requirements. In addition, the 300 mm upper strip can be folded backward to provide an additional display surface facing the stands.



TOUGH LED CABINET

Despite its double-layer design, the NEIPATEC[®] ST Duo remains easy to handle thanks to its die-cast aluminum structure. The reinforced frame has been optimized to support a 1200 mm display

height while maintaining a weight of approximately 73.6 kg per cabinet, making it suitable for frequent setup and teardown operations.

INSTALLATION & MAINTENANCE

The NEIPATEC[®] ST Duo's rotating foot system and support arms ensure quick and stable installation on all types of surfaces. Front and rear maintenance is fully preserved: the modules remain accessible from the front, while the back of the cabinet and the power supplies can be easily reached for technical servicing.



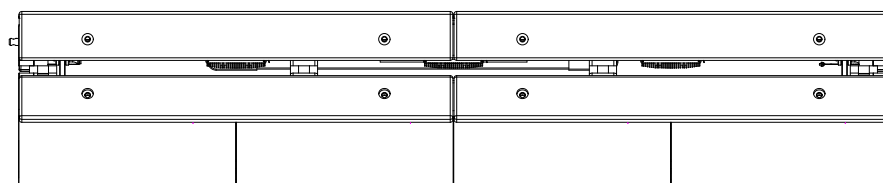
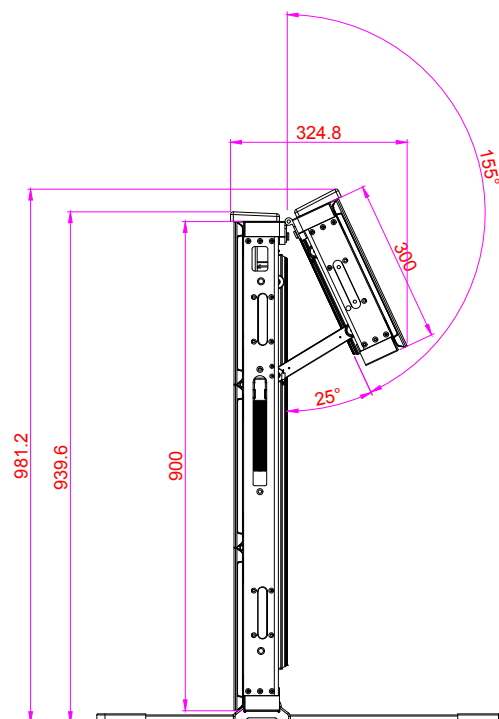
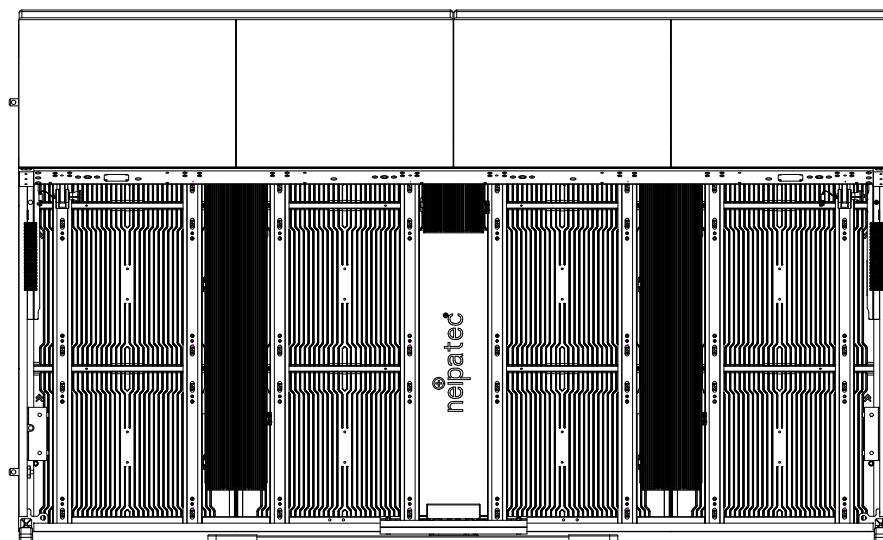


TECHNICAL SPECIFICATIONS

		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 extended perimeter system			
Ingress Protection	IP	IP68 (Front) / IP66 (Rear)			
Brightness	cd/m ²	≤ 7500			
Color Temperature after calib (adjustable)	deg. K	6500			
Viewing Angle (50% brightness)	deg.	160 H / 160 V			
Cabinet Size (WxHxD)	mm	1600 x 1238 x 105			
Display area (WxH)	mm	1600 x 1200			
Module Size (WxHxD)	mm	400 x 300 x 20			
Pixel Matrix Per Cabinet (WxH)	px	256 x 192	240 x 180	192 x 144	160 x 120
Pixel Matrix Per Module (WxH)	px	64 x 48	60 x 45	48 x 36	40 x 30
Pixel Density	px/m ²	25600	22500	14400	10000
Weight	kg	73.6			
Cabinet Material		Die-casting aluminum			
Maintenance Mode		Front & Rear			
Mask specification		95% Rubber + 5% Fiber / SS Screws / Shockproof 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/m ²	550			
Average Power Consumption	W/m ²	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



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."



 112 Avenue Franklin Roosevelt
69120 Vaulx-en-Velin
France



 Artixium Operational Center
518000 Shenzhen
China



 Weissensteinstrasse 90b,
46149 Oberhausen
Germany



 Merkez Mah. Baglar Cad. A
Blok Apt. No: 14D/13 Kagithane, Istanbul
Turkey



 www.artixium.com

 0 428 001 801

 [linkedin.com/company/artixium](https://www.linkedin.com/company/artixium)

 twitter.com/artixium

 contact@artixium.com

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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.

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