

VIZOO

A BRAND OF CPP STUDIOS

VIZOO  CPP STUDIOS

Cheoptics360™

Cheoptics360™ is a multi-functional holographic display system that allows 3D objects to appear within a glass pyramid with stunning vibrancy. Objects, which appear to be floating freely before a transparent background, are already visible from afar and can be viewed from every angle. The effect is produced with the aid of specially-coated glass panes, which are assembled into a pyramid form.

Besides the presentation of animated 3D objects and videos, connecting a real-time 3D engine makes it possible to interactively influence the content. The viewer controls the features of the object displayed, by gestures, touch-screen or app, for instance, even controlling entire applications. Thus, complex and highly-detailed product presentations can be implemented and a positive brand message conveyed.

Cheoptics360™ is very flexible, uncomplicated and can be implemented at short notice. The system can also be used in outdoor areas, as long as it is placed in a weather-protected spot. It should be noted here, however, that direct sunlight or radiation from strong light sources will minimize visibility

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EVENTS

TRADE FAIRS

POINT OF SALES

TRAINING

SHOWROOMS

MUSEUMS

Cheoptics360™ Desktop



Dimension
include plinth (optional):
43 cm x 157 cm x 43 cm (WxHxD)



Dimension Desktop:
43 cm x 31 cm x 43 cm (WxHxD)



Weight include plinth:
ca. 32 kg (incl. flight case)



Weight Desktop:
ca. 29 kg (incl. flight case)



Built-in:
media player
LED-light



Hologram size:
max. H: ca. 12 cm to W: ca. 10 cm,
max. W: ca. 19 cm to H: 8 cm

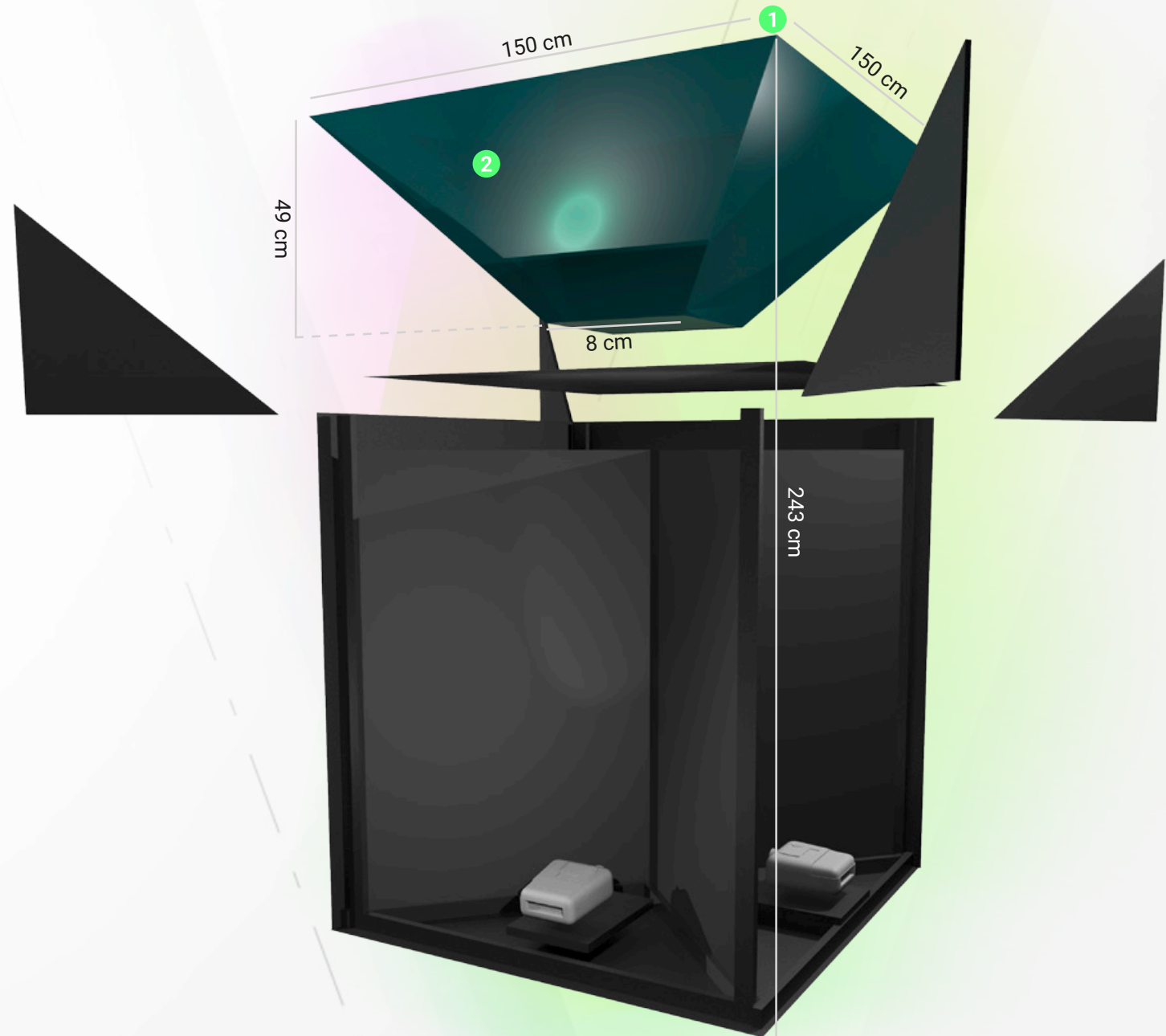


Resolution:
1280 x 1024 Pixel

In addition, the Cheoptics360 desktop enables a direct combination of virtual and real elements. An LED light integrated within the upper area of the glass pyramid enhances the optical fusion between 3D-design and real object. What functions remarkably well is the combination of transparent, authentic objects (glass, macrolon, synthetic resin) with virtual, animated content, which appears to unfold within the object itself.



Cheoptics360™ M150



Dimensions:
150 cm x 243 cm x 150 cm (WxHxD)



Weight:
ca. 530 kg (incl. flight case)



Built-in:
media player,
4 x DLP-video projector (1024 x 768 pixel),
(upgrade to Full HD possible),
3.500 ANSI Lumen

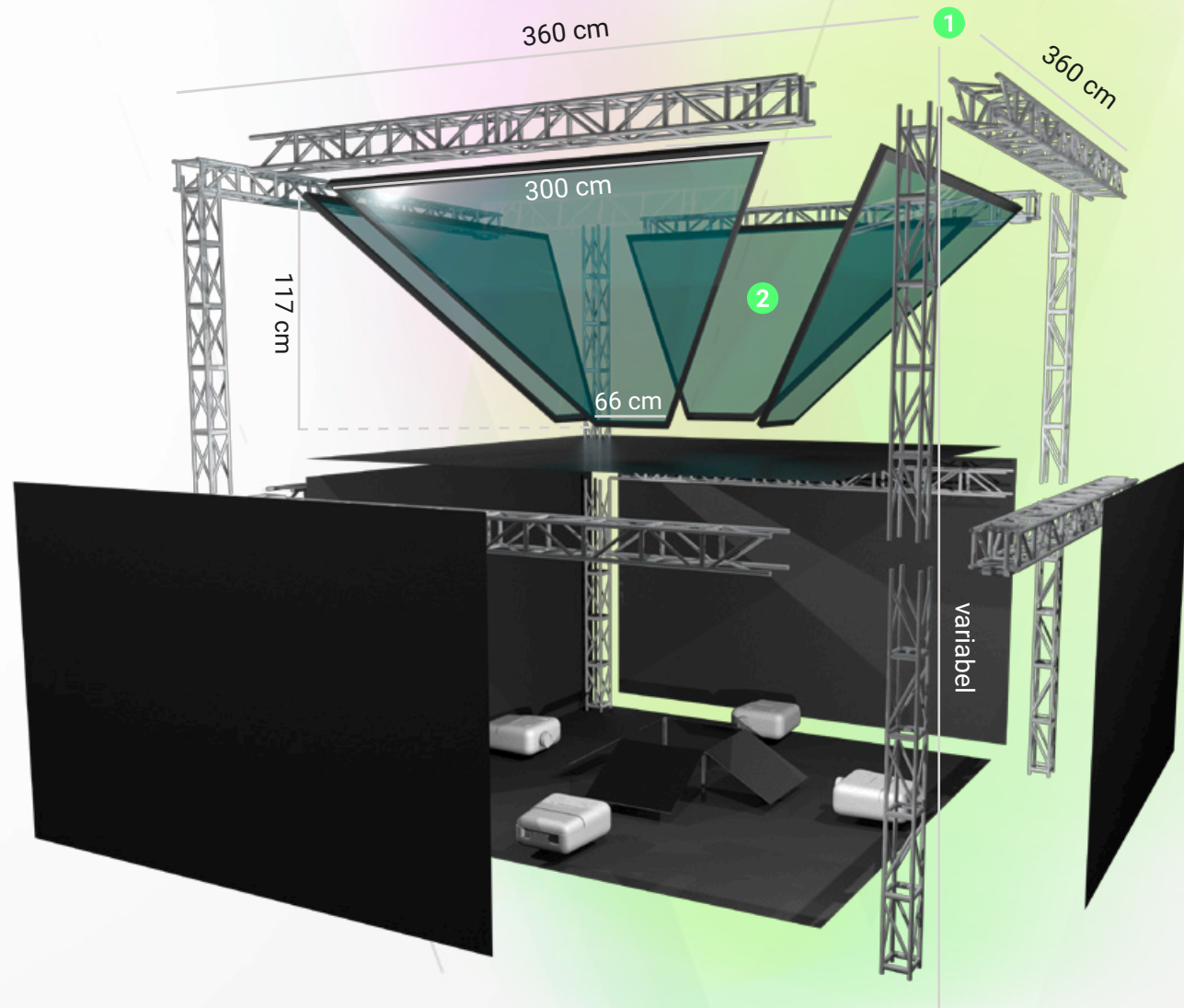


Hologram size:
max. H: ca. 49 cm to W: ca. 8 cm,
max.W: ca. 79 cm to H: ca. 23 cm



Playback function:
configurable CF-Card Player expandable
for realtime-content with Multimedia
System

Cheoptics360™ M300



1
Dimensions:
360 cm x variable x 360 cm (WxHxD)



Weight:
ca. 650 kg (incl. flight case)



Built-in:
media player,
4 x DLP-video projector (1920 x 1080 pixel),
8000 ANSI Lumen

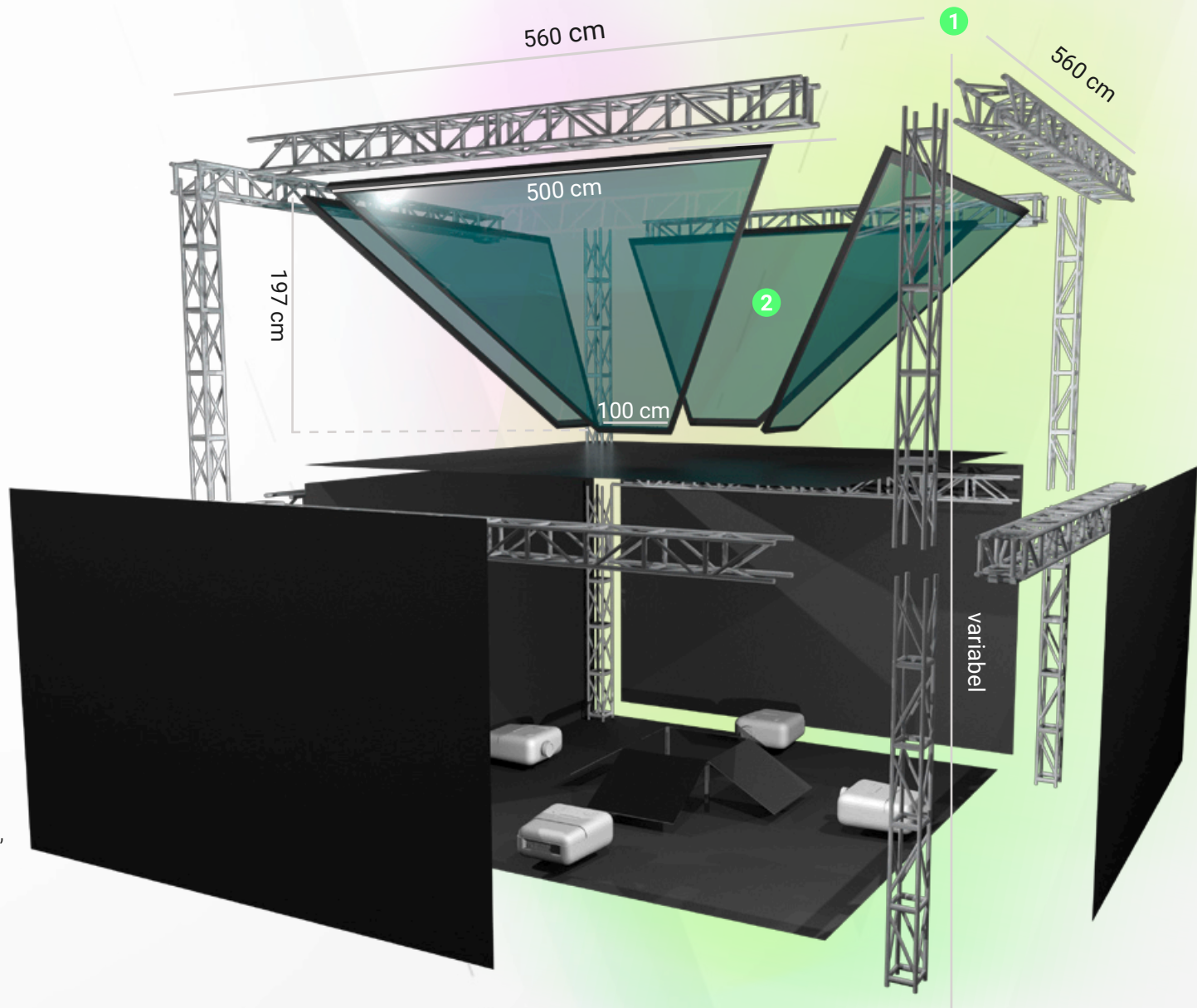


2
Hologram size:
max. H: ca. 117 cm to W: ca. 66 cm,
max. W: ca. 183 cm to H: ca. 52 cm



Playback function:
configurable CF-Card Player expandable
for realtime-content with Multimedia
System

Cheoptics360™ M500



Dimension:
560 cm x variable x 560 cm (WxHxD)



Weight:
ca. 950 kg (incl. flight case)



Built-in:
media player,
4 x DLP-video projector (1920 x
1200 pixel), 10000 ANSI Lumen

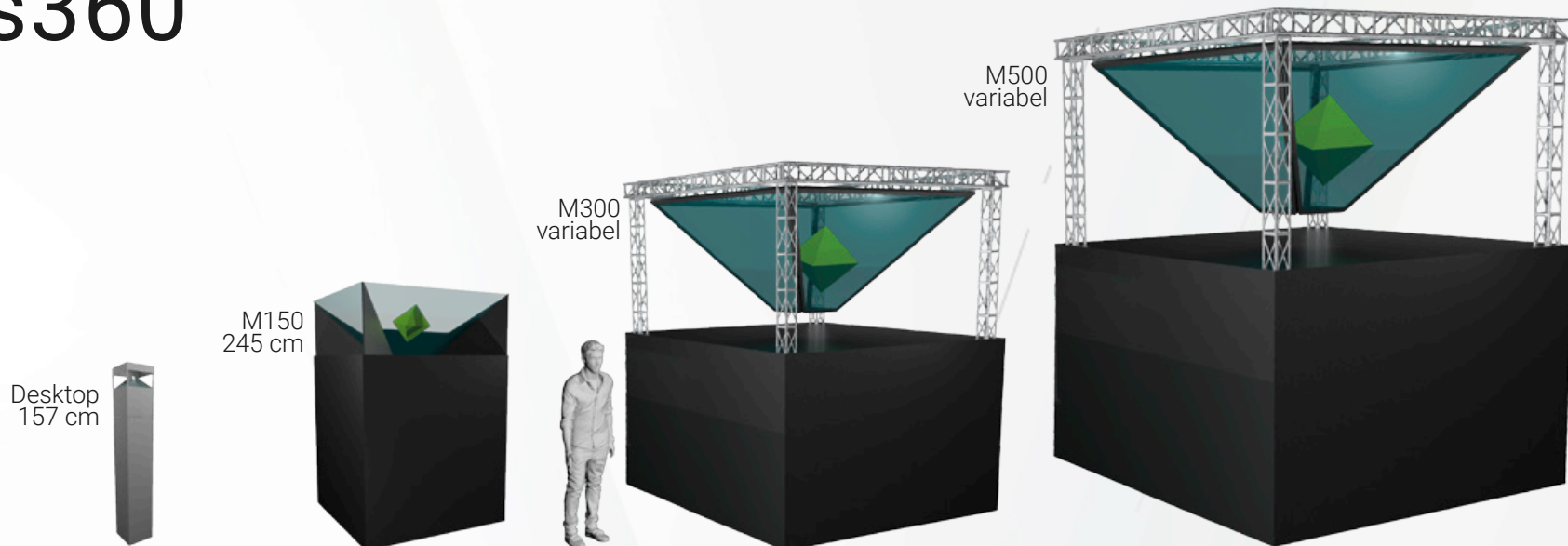


Hologram size:
max. H: ca. 197 cm to W: ca. 100 cm,
max. W: ca. 300 cm to H: ca. 72 cm



Playback function:
configurable CF-Card Player
expandable for realtime-content
with multimedia System

Cheoptics360™



Cheoptics360 Desktop

Cheoptics360 M150

Cheoptics360 M300

Cheoptics360 M500

	Overall size	43 cm x 157 cm x 43 cm (WxHxD)	150 cm x 243 cm x 150 cm (WxHxD)	360 cm x variable x 360 cm (WxHxD)	560 cm x variable x 560 cm (WxHxD)
	Hologram size	to ca. max. 19 cm width or to ca. max. 12 cm height	to ca. max. 79 cm width or to ca. max. 49 cm height	to ca. max. 183 cm width or to ca. max. 117 cm height	to ca. max. 300 cm width or to ca. max. 197 cm height
	Resolution	Special Size: 1280 x 1024 pixel	Standard resolution: 4 x 1024 x 768 pixel	Standard resolution: 4 x 1920 x 1080 pixel	Standard resolution: 4 x 1920 x 1200 pixel
	Included hardware package	Media player	Media player 4x DLP video projector (1024 x 768 px) 3500 ANSI Lumen	Media player 4x DLP video projector (1920 x 1200 px) 8000 ANSI Lumen	Media player 4x DLP video projector (1920 x 1200 px) 10000 ANSI Lumen
	Material	Projection surface made of special glass, plinth from steel	Projection surface made of special glass -	Projection surface made of special film material Traverse: metal	Projection surface made of special film material Traverse: metal
	Color	Black	Black	Black	Black
	Optional accessories	Plinth and individualization in the CI/CD	Plinth: individualization in the CI/CD	Plinth: individualization in the CI/CD	Plinth: individualization in the CI/CD
	Flight case	43,5 cm x 32,5 cm x 43,5 cm (WxHxD)	116 cm x 151 cm x 173 cm (WxHxD)	120 cm x 120 cm x 300 cm (WxHxD) (Only for pyramid system)	160 cm x 120 cm x 500 cm (WxHxD) (Only for pyramid system)
	Weight	ca. 29 kg (incl. flight case - pyramid) ca. 32kg (with plinth)	ca. 530 kg (pyramid + plinth incl. flight case)	ca. 650 kg (pyramid + plinth incl. flight case)	ca. 950 kg (incl. flight case)
	Max. Power Consumption	100-240VAC / 400W	100-240VAC / 1200W	100-240VAC / 1200W	100-240VAC / 1200W

Cheoptics360™

FURTHER SIZES & DESIGNS ARE AVAILABLE UPON ON REQUEST.

Customized variations of the system can also be equipped with LED or LCD displays, in order to enhance the pseudo-hologram's brightness and contrast. At the same time, the use of LCD displays also increases resolution during playback.

Content information

To achieve the best possible pseudo-hologram effect and present your content as dynamically as possible, we advise developing a visual concept that incorporates the system's technical features. The illusion of objects floating freely in space is most convincing when all elements of the visual content, without margins, are kept in constant motion before a black background. Basically, all video films, animations and 3D objects can be presented with Cheoptics360™, when these are adjusted to the system's technical requirements.

If you would like to present your product in Cheoptics360™

We offer you full support in content development and advise you on how to achieve the best possible presentation results. Alternatively, we offer an additional full-service, which encompasses conception as well as the creation of content based on your data, up to and including installation of the system.

You have your own animations or 3D objects, which you would like to present with Cheoptics360™ technology?

Here, too, we are happy to provide support for the system-optimized generation of your content. To create animations, we require your 3D project data in a polygon format of current 3D Software, e.g. Maya (.mdl), XSI (.xsi), 3D-Studio-Max (.max), Wavefront Object (.obj), Cinema4D (.c4d) or Modo (.lxo).

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