

OMNIDECK – Product Sheet

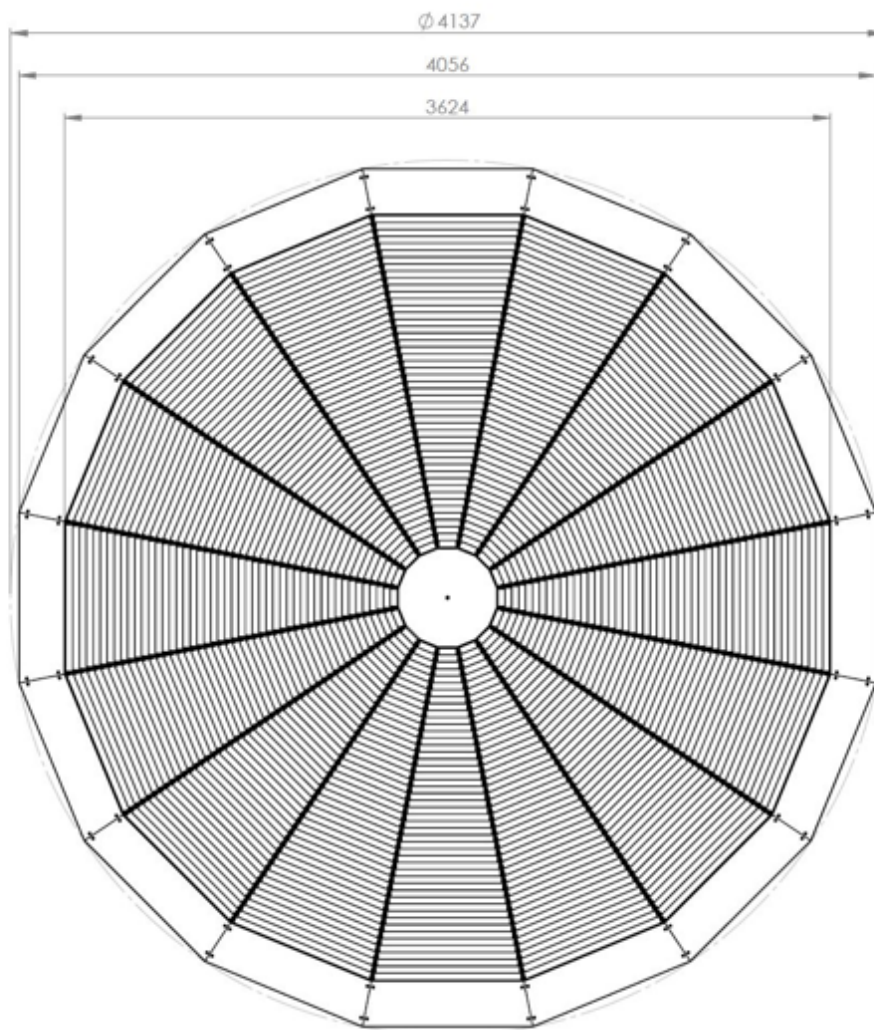


Product Description

Crafted and engineered in Sweden the Omnideck is a product from over 8 years of innovation. On a hardware level the Omnideck is a 4.2m diameter motorized treadmill using 16 wedge shaped modules to create a 360 degree walking area. Combined with the HTC vive VR system we use the immersive visualization of the headset and the positional tracking data to control the speed of the roller driven surface under your feet. The most important part of the Omnideck is not how it works but the experience the user has in the freedom of movement on the ultimate VR simulator

Product Features

360 Degree Treadmill	Move in any direction at your own pace
4.2m Diameter	Unlimited space to walk, jog or crawl
Motorized Active Surface	Speed profiles to suit the users demands automatically
Military Grade Build Quality	Our production partner has been building hardware military simulators since 1952
Tracking	Sub millimeter tracking is essential so we prefer to use the HTC Vive or Optitrack system
VR System	The HTC Vive VR system is our preference system due to its low cost and versatility
Safety System	Extra safety measures to protect the user
Custom Tools	When the standard Vive controls are not enough we can build any custom controller
Noise	Quiet enough to be used in an office environment
Easy Integration	Using our api you can easily integrate game engines and other software to communicate with the Omnideck.



Technical Specifications

OmniDeck	Footprint Diameter	4.2 m (13.8 ft)
	Active Diameter	~3.8m (12.6 ft)
	Height	0.2 m (8 in)
	Weight	1500 kg (3300 lbs)
Electrical	Power supply	3-phase 400V 16A 50Hz
	Power Consumption Peak	6 kW
	Power Consumption Average	3 kW
Operating Environment	Temperature range	+10 to +30 degrees C
	Humidity range	20 to 80% non-condensing
Compliance		CE ROHS
Standards		ISO 9001 ISO 14001

Price

Price is available on request

Demonstration Centers

Our main demonstration centers are located in

Bremen, Germany

Krems, Austria

Växjö, Sweden

Tampere, Finland

Los Angeles, USA

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