

RACER MAX SPEC SHEET



Racer Max

Racer Max features a 4.0 m platform, approximately 20% longer than the standard Racer, delivering increased stability, smoother motion, and greater performance headroom.

Designed as the ideal entry-level commercial model, Racer Max combines a compact footprint with powerful motors and a reinforced suspension system, enabling more aggressive turns, higher dynamic loads, and a more realistic skiing experience.

Racer Max offers an optimal balance between size, power, and performance, making it the best choice for commercial venues that require professional-level dynamics in a relatively small form factor.



Simulator

Platform width: 4.3m / 14'1"

Power: 4.0 kW / 5.4HP

Skis, snowboard or both

Optical safety system

Multi-sized bindings

Electrical

European Union:

3-phase, 5 wire, 380V~50-60Hz (standard config)

1-phase, 3 wire, 220-240V~50-60Hz (premium config)

United States:

3-phase, 4 wire, 208V~50-60Hz (standard config)

1-phase, 3 wire, 220-240V~50-60Hz (premium config)

the same as for AC or dryer

For our US and Canadian customers the simulator is shipped with a complementary 7.5 kVA 208 Volt to 380Y220 Volt transformer.

User Interface

SkyTechSport UI 4.0 with complimentary updates

SkyTechSport app

VR-trails: endless course + slalom + optional downhill

touch screen controls

Up to 6K resolution via HDMI

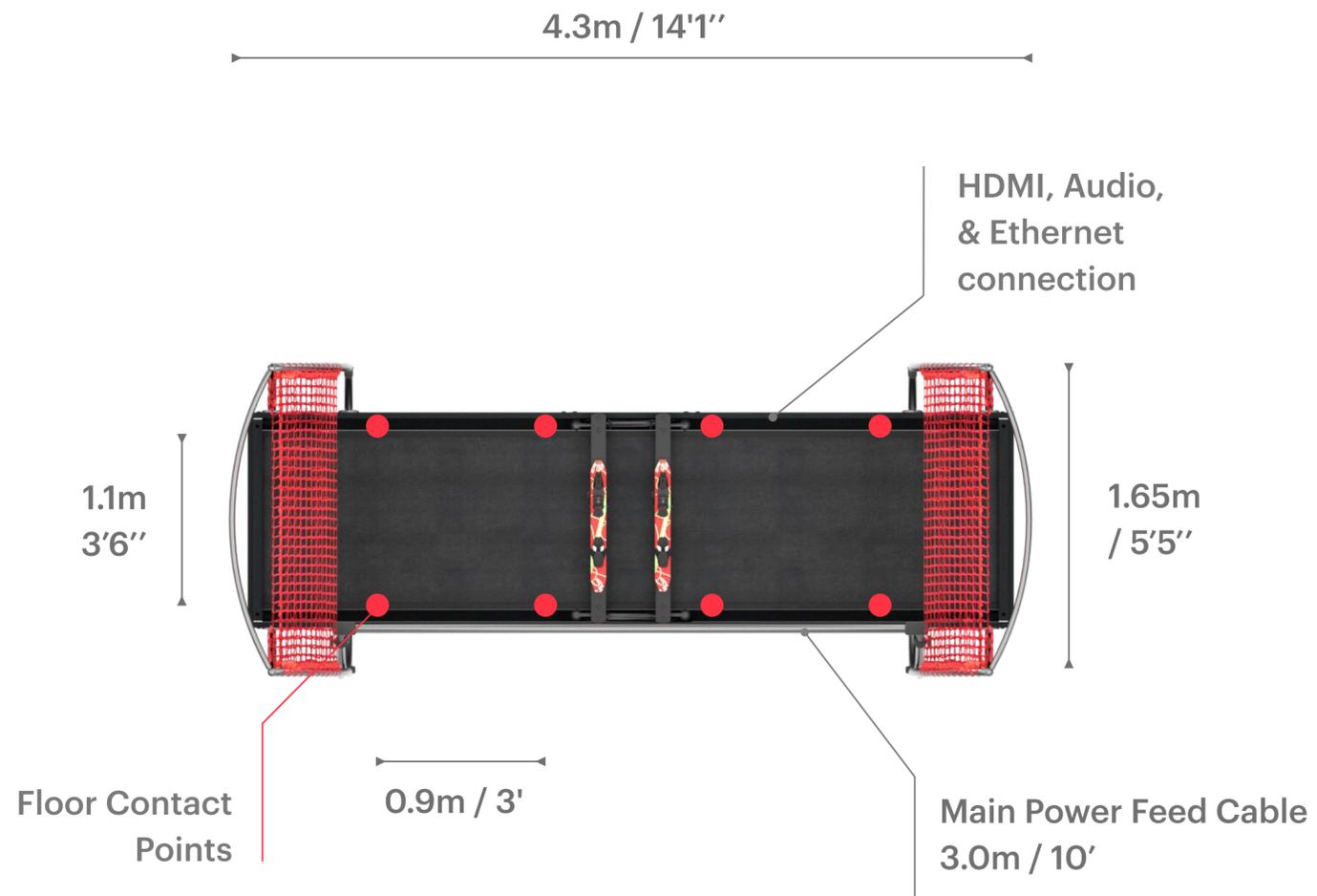
WiFi 802.11

Operational Conditions

Recommended operational temperature range: +15.. +25°C / +59.. +77°F

Relative humidity ≤ 80%

Connector Locations, Weight, Floor Contact Points



The total weight of Racer Max simulator platform is 1,225 lbs / 556 kgs. The weight is distributed onto 8 contact points, each $\varnothing 76$ mm / 3" in diameter.

Hardware Options

Downhill Pro Package

Racer Max simulator can be upgraded to a Downhill Pro version with capability of running World Cup Downhill courses.

The package includes a kinematic power set is used to create an equivalent of compression and vibration loads with a load value up to 330lbs / 150kgs.



Ski Platform

Each simulator comes with one adult ski platform included.

A platform with junior bindings can be added onto the order.

- Adult bindings (257-380mm)
- Junior bindings (197-304mm)



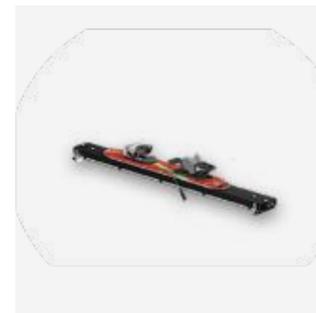
Snowboard Platform

Includes multisided bindings. It takes 2-3 minutes to change from skis to snowboard.

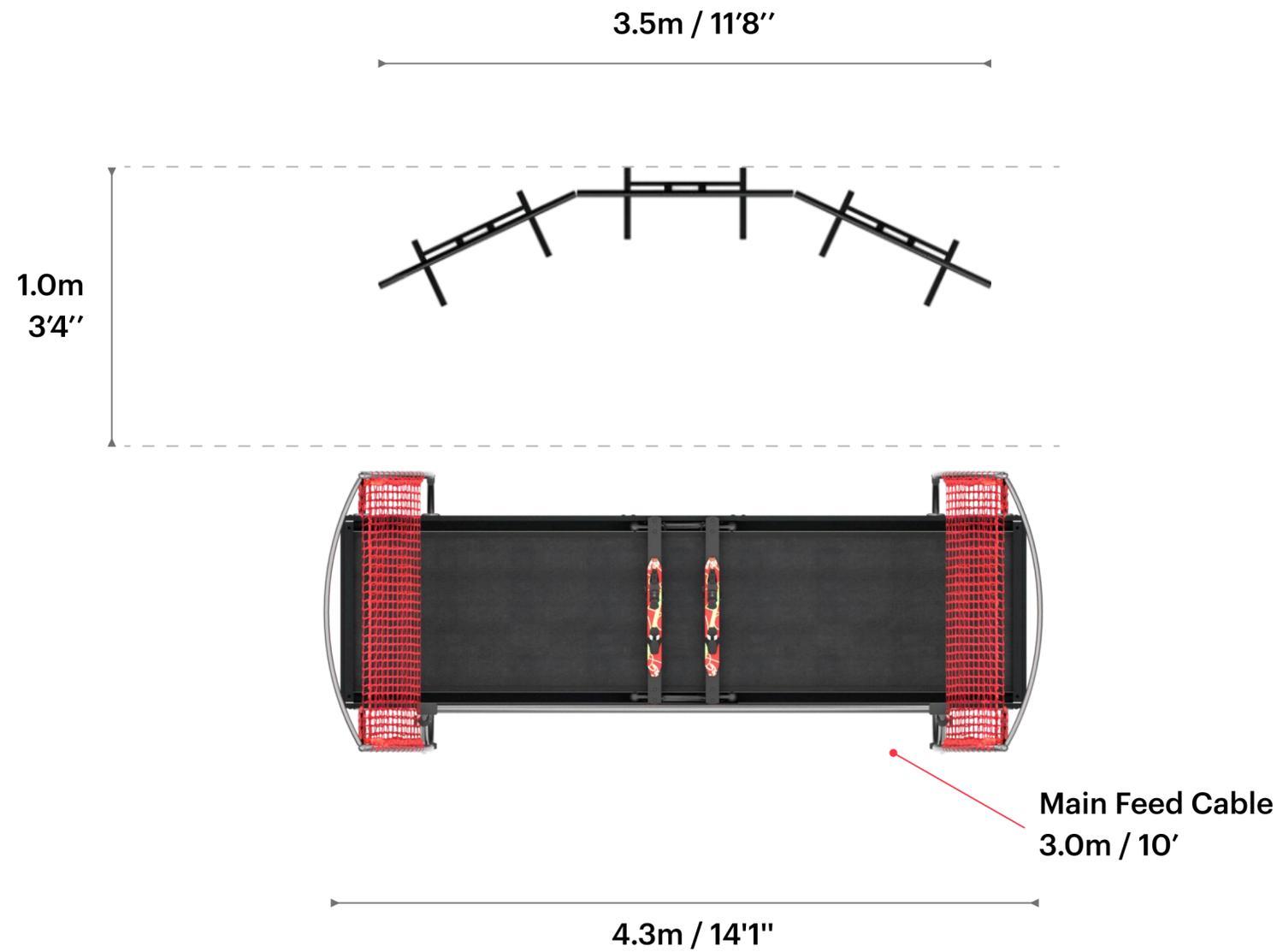


Balance Ski

Balance Ski is a special ski that allows using the simulator with one leg. Used for balance training and Paralympic Training



Recommended footprint



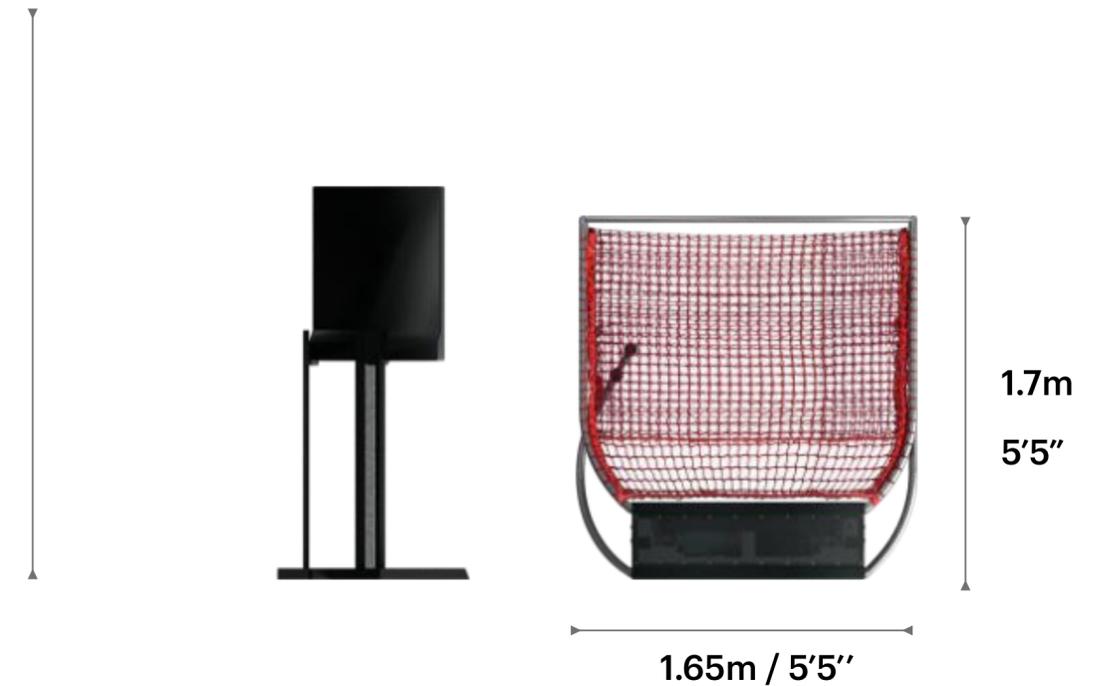
Specs

Panorama Ready simulator platform

3 x 65" TV on custom TV-racks

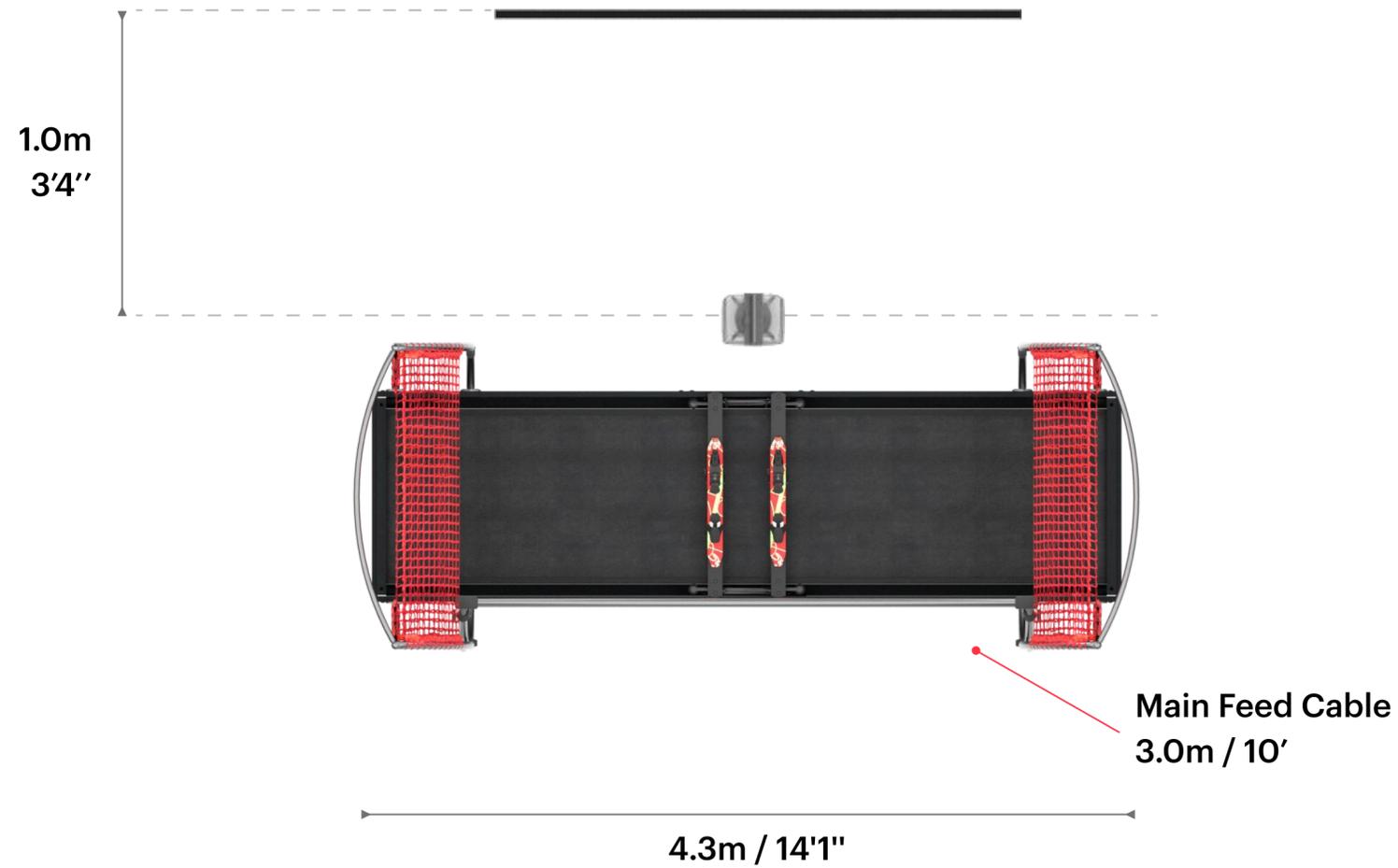
Hi Fi sound

2.40 / 7'11"
min ceiling
height



Racer Max LED-Panorama

Recommended footprint



Specs

Single Screen Ready simulator platform

3000 Lm Multimedia Projector

100" Projection Screen

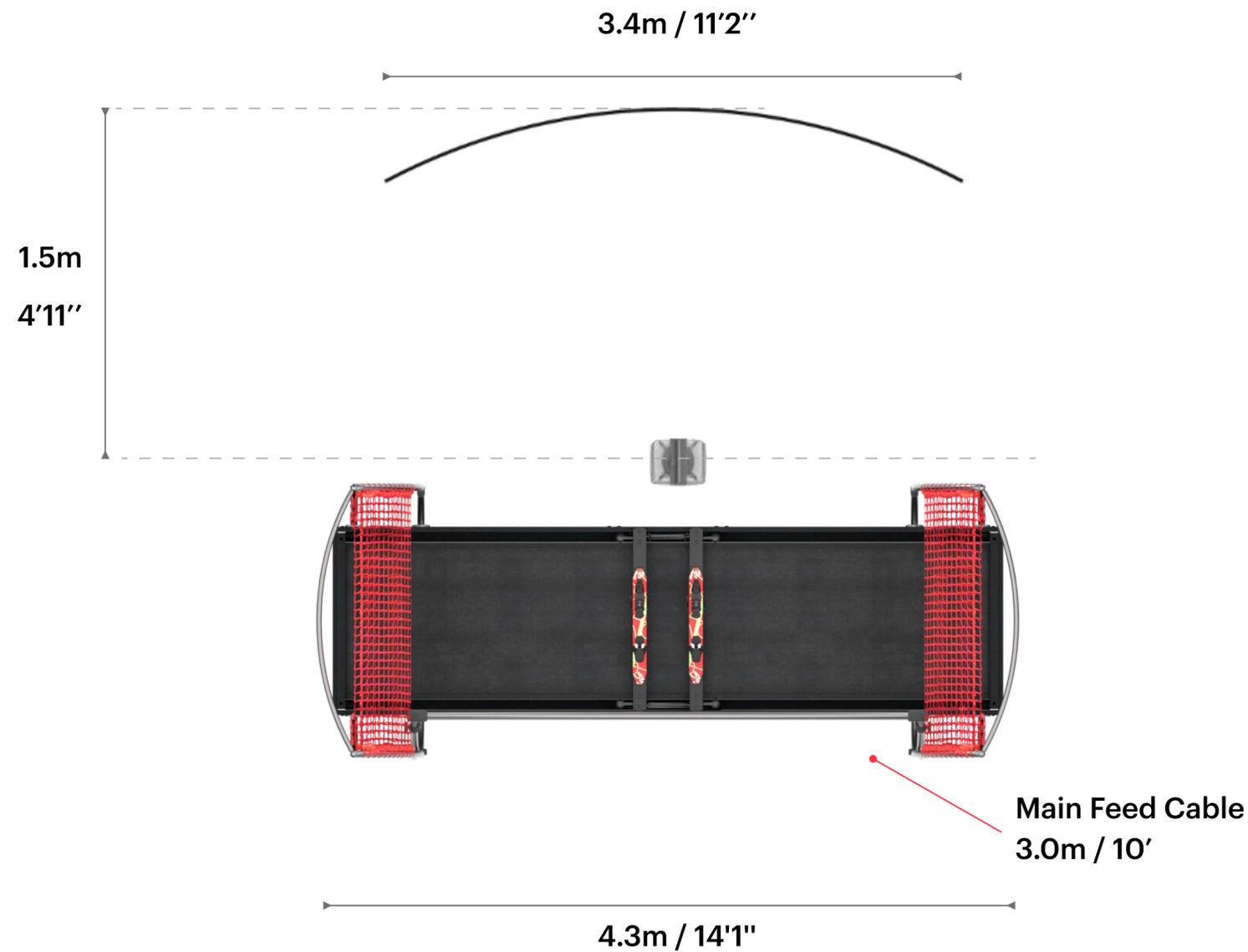
Hi Fi sound

2.40 / 7'11"
min ceiling
height



Racer Max Single Screen

Recommended footprint



Specs

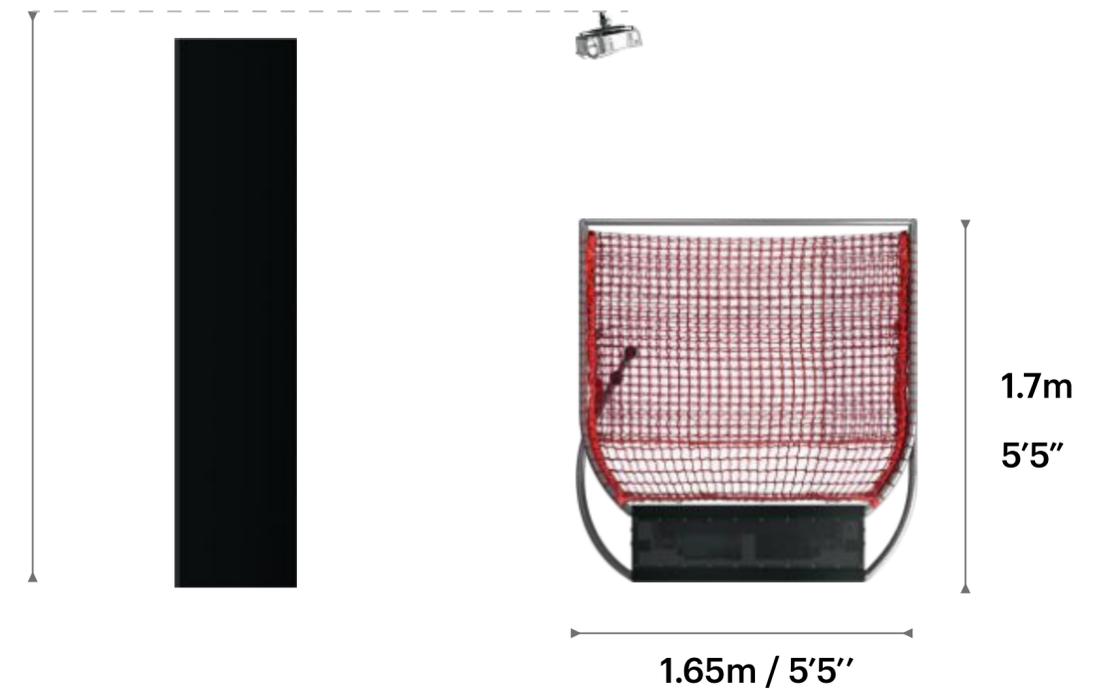
Single Screen Ready simulator platform

3000 Lm Multimedia Projector

Curved screen (outer width 3.4m / 11'2")

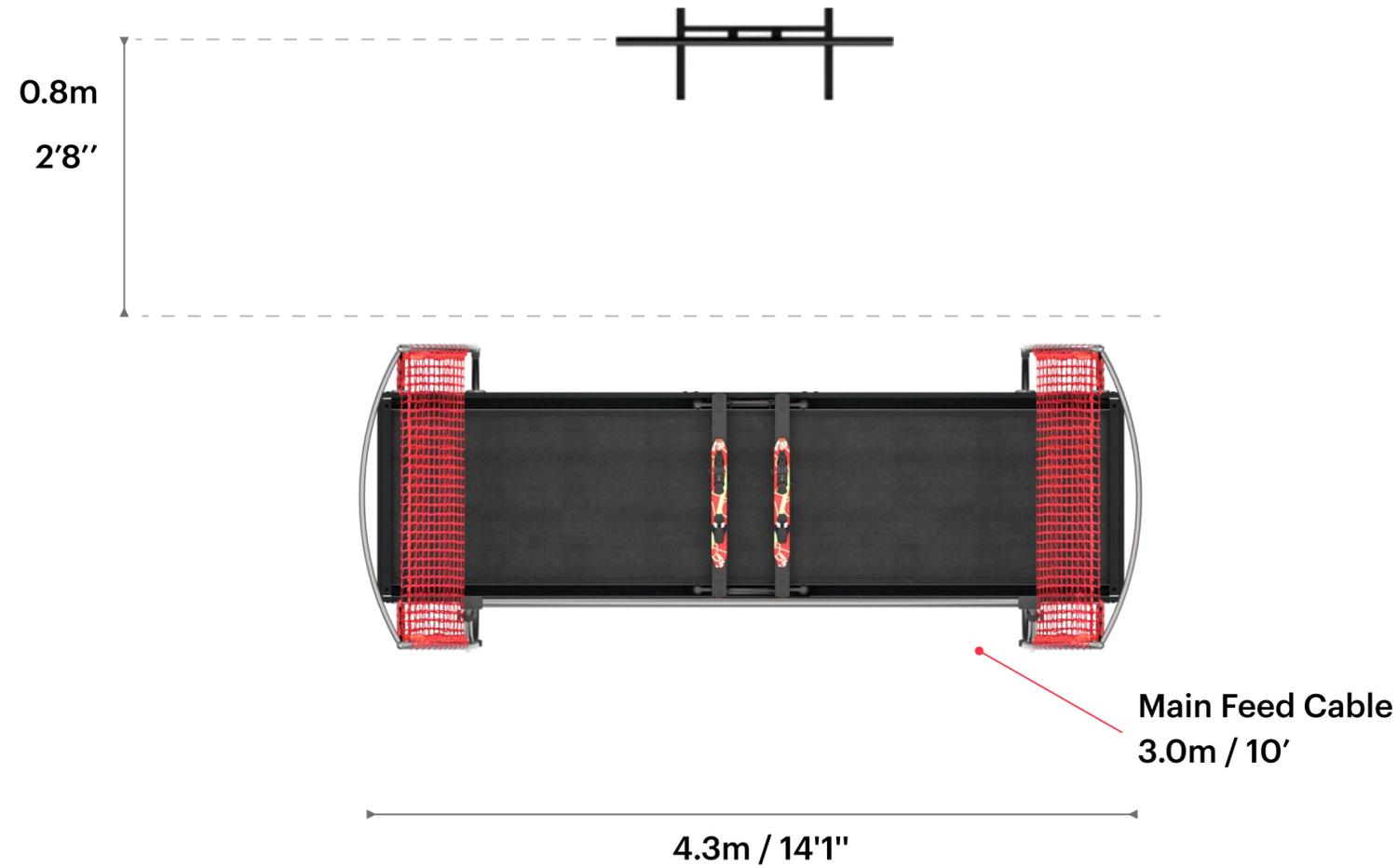
Hi Fi sound

2.40 / 7'11"
min ceiling
height



Racer Max 3m Curved Screen

Recommended footprint

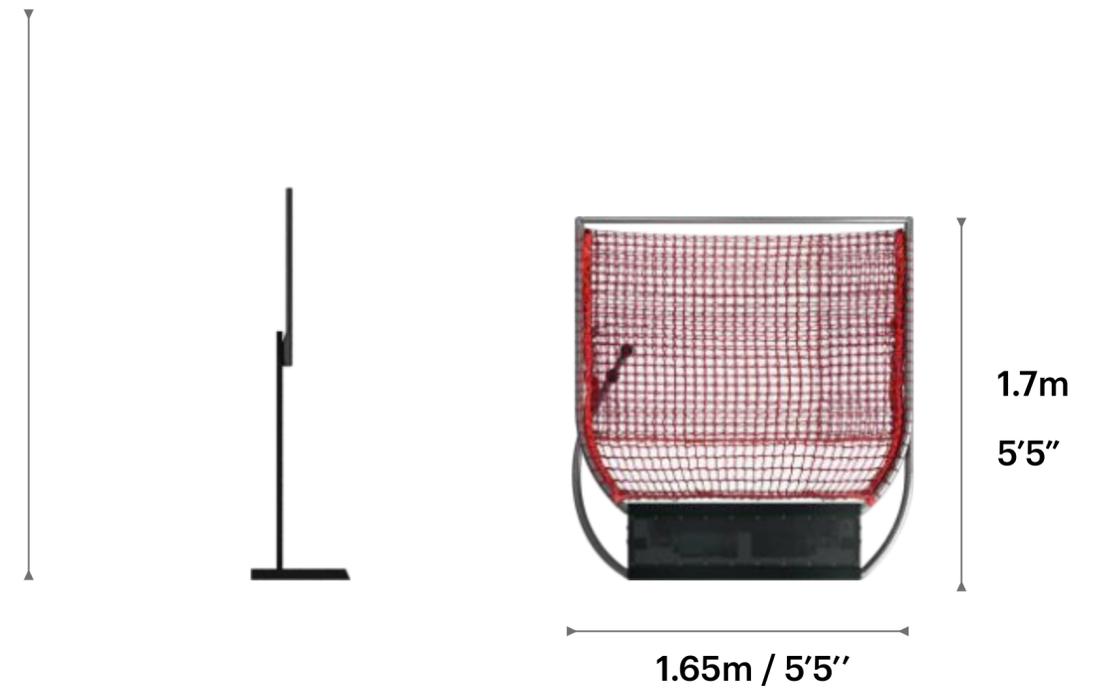


Specs

Single Screen Ready simulator platform

1' 65" TV on a custom TV-rack

2.40 / 7'11"
min ceiling
height



Racer Max TV Screen