



SPECIFICATIONS GUIDE

PROTEUS 2.0

Everything you need to plan a
Proteus install.

-
- 02 At a glance
 - 03 Get to know Proteus
 - 04 Machine specifications
 - 05 How it fits your space
 - 06 Mounting and moving
 - 07 Power and connectivity
 - 08 What's included
 - 09 Display and software



SPACE

80 sq ft

Operational footprint, 128" w x 90" d recommended

[PAGE 05](#)

POWER

120 VAC, 2A

Standard outlet. No dedicated circuit.

[PAGE 07](#)

CONNECTIVITY

Ethernet recommended.

Wi-Fi supported. Internet required.

[PAGE 07](#)

MOUNTING

Floor mounting recommended.

Free-standing option available.

[PAGE 06](#)

WEIGHT

550 lb

250 kg total

[PAGE 04](#)

USER CAPACITY

Ages 13+ recommended.

Users under 13 require a signed parental consent form (COPPA).

[PAGE 04](#)



- 1 Touch screen display
- 2 Display stand
- 3 Handle
- 4 Linear stage
- 5 Waist stage
- 6 Base stage

Proteus can move left/right (Base stage), up/down (Waist stage), in/out (Linear stage).

Resistance of each stage controlled by a brake hooked up to a gear train. Position of each stage determined via optical encoders and Hall sensors.



LINEAR STAGE

In / out



WAIST STAGE

Up / down

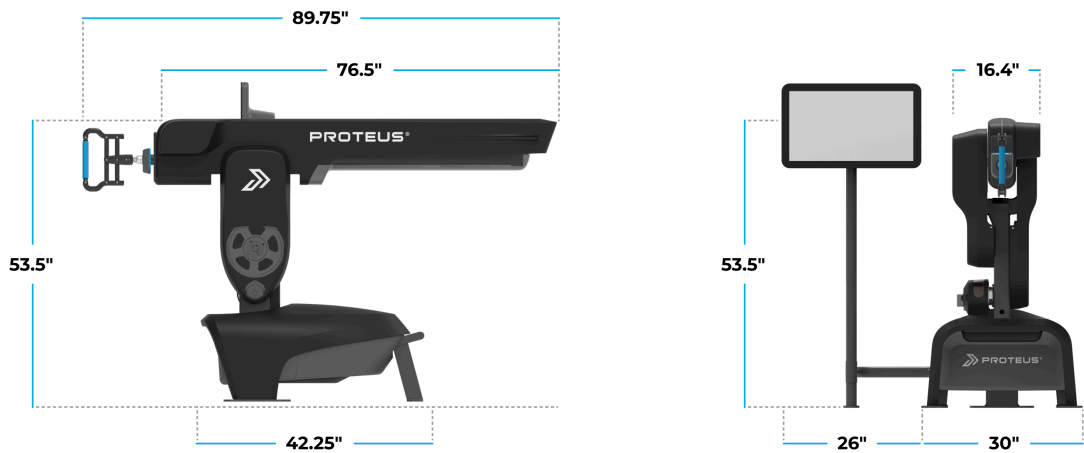


BASE STAGE

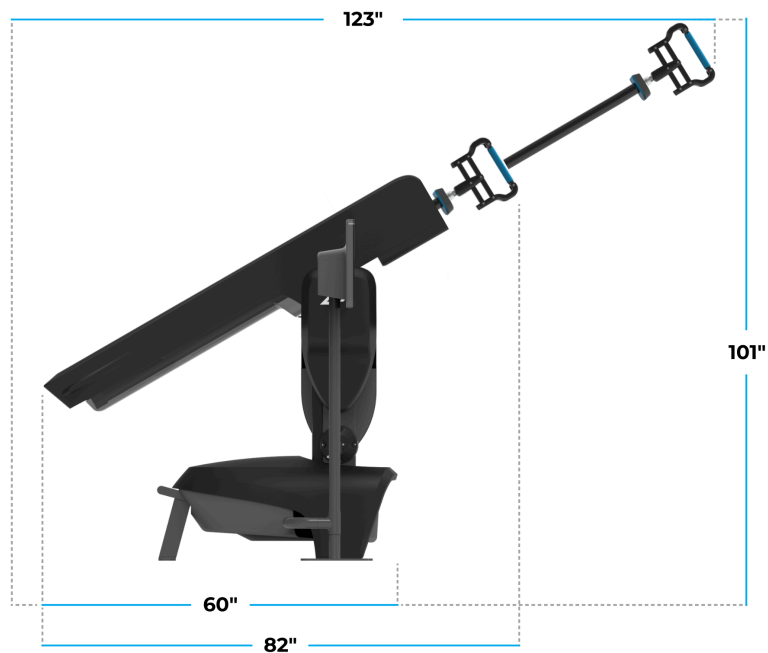
Left / right

MACHINE SPECIFICATIONS

SIDE AND FRONT, ARM RETRACTED

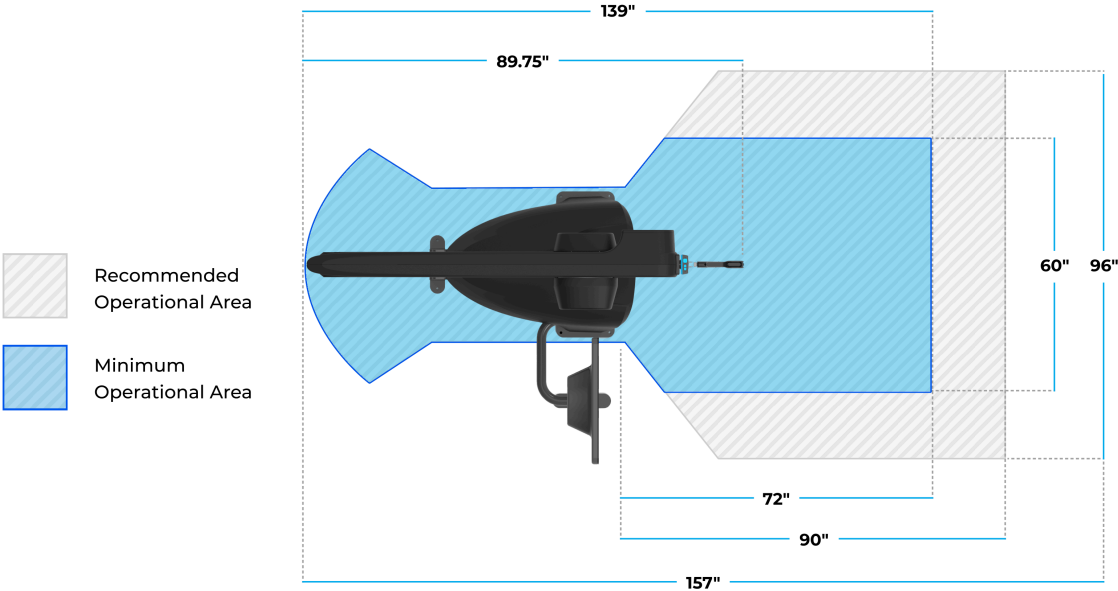


ARM RANGE, SIDE VIEW



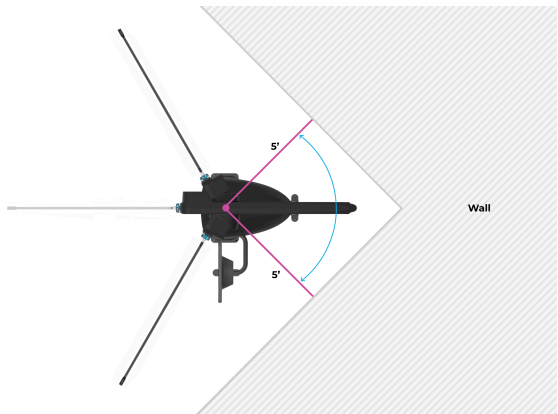
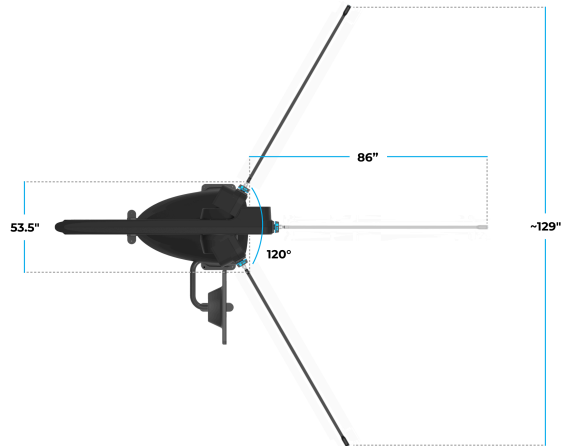
Machine size	30" w x 89.75" d x 53.5" h Not counting the touch screen
Clear space around the machine	67" x 60" x 53.5" h Arm fully retracted, with room for the arm to swing; does not include the user's space in front
Arm extension	Up to 6 ft
Total weight	550 lb (250 kg)
User capacity	Ages 13+ recommended; up to 7'0"
Resistance range	5–35 lb continuous
Movement velocity	0.1–10 m/s
Data capture	250 Hz Position, speed, power, and the resistance being applied
Construction	Steel, iron, and carbon fiber

HOW IT FITS YOUR SPACE

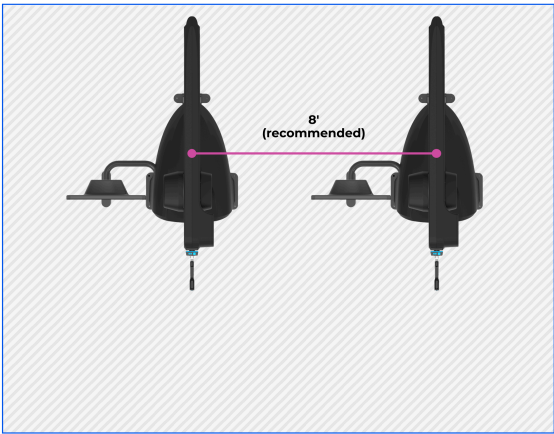


80 sq ft recommended operational area, measured from the front.

Top view: minimum and maximum dimensions.



Corner: at least 5 ft from center of machine to each wall.



mat minimum size 18'x14'

Multiple units: 8 ft center to center.



Comparable in size to most commercial treadmills



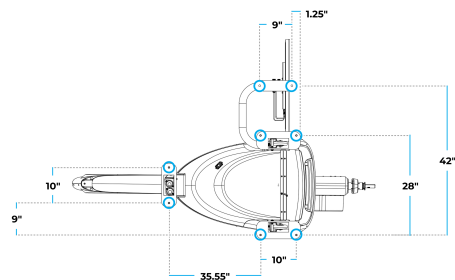
The arm extends 6 ft, vs. 12 ft for a standard cable machine

FLOOR MOUNTING (RECOMMENDED)

Anchors	8
Anchor type	Hilti KH-EZ 3/8" x 3 1/2"
Embedment	2" in concrete



Bottom view: bolt position diagram.



FREE-STANDING OPTION



No floor bolts needed



INTERNAL WHEELS

Internal wheels allow for easy install and relocation within facility.

POWER

Outlet	Standard 120 VAC, 2A
International	90–260 VAC
Dedicated circuit	Not required
Inlet and on/off switch	Under the base



Power switch and cable: under the rear left of the base.

NETWORK

Recommended	Wired gigabit ethernet (CAT6+)
Supported	Wi-Fi 802.11n, 2.4/5 GHz
Internet	Required

HAVE READY BEFORE INSTALL

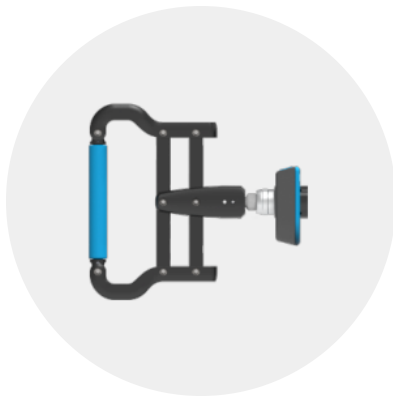
- 1 Standard outlet near the machine
- 2 Ethernet drop, or Wi-Fi coverage
- 3 Internet access

WHAT'S INCLUDED

08 / 10



Proteus unit



Handle



Two-hand revolving bar



**27-inch touch screen display
and stand**

White-glove delivery

Placement

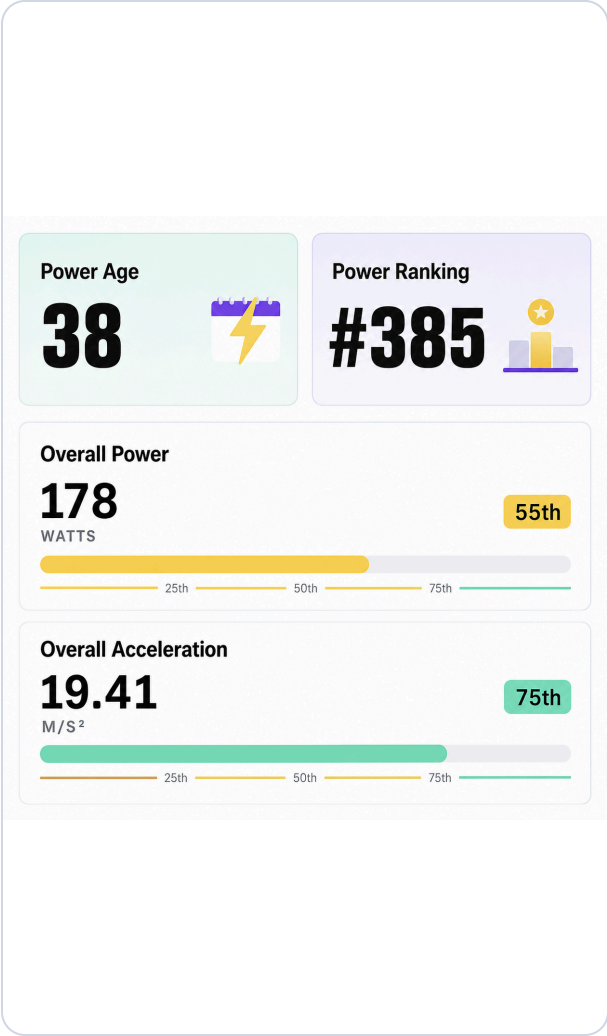
Mounting

On-site training



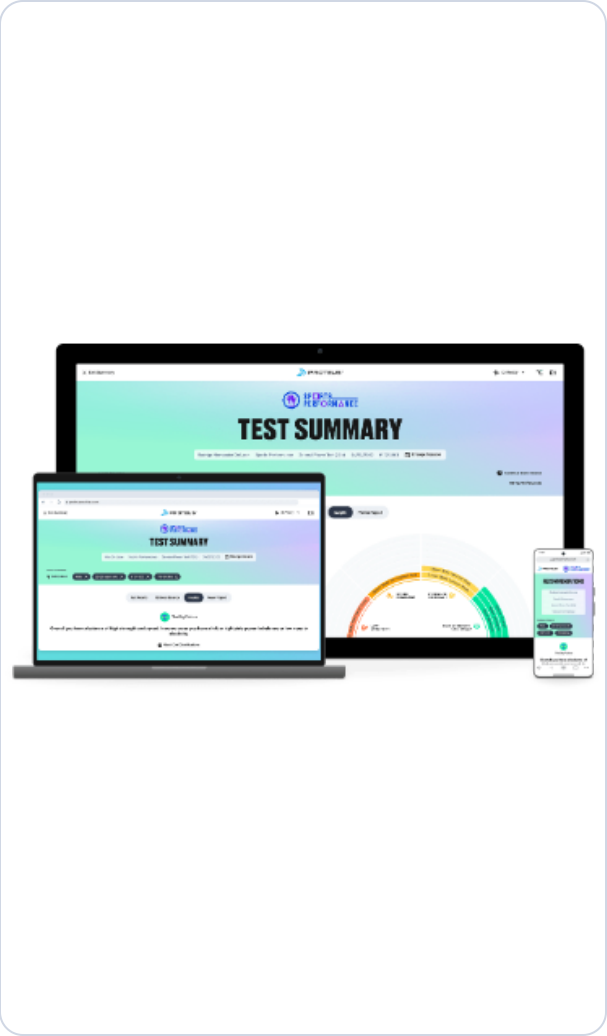
TOUCH SCREEN DISPLAY

27-inch touch screen. Mounts on either side of the machine.



TESTING

Full-body tests in minutes, with results on screen right away.



CLOUD-BASED

Cloud based for remote access to data.



WEBSITE

proteusmotion.com

KNOWLEDGE BASE

troubleshooting.proteusmotion.com