

DPL0802

Discovery™ Series Plate Loaded Line

# Smith Machine



The bold, sleek design of the Discovery Series Plate Loaded Smith Machine features high head clearance and a clean, walk-through design. The 11 degree bar angle, which optimizes the body's natural path of movement, and innovative Smith bar design produce a smooth, natural feel and exceptional workout experience.

Strength equipment is a long-term investment and with the Discovery Series from Precor, you can make your strength purchase decision with confidence. With a full range of products that are approachable and intuitive, perform for exercisers of all ability levels, and will withstand the test of time, the Discovery Series is the straightforward strength solution you've been looking for



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### Bar Glide Path

The Smith bar glide path optimizes the natural movement of the human body with an angle of 11 degrees.

### Innovative Smith Bar System

An innovative design enables the Smith bar to accommodate a higher weight capacity, while also providing a low start weight of 25 lb / 11.3 kg without the need for a complicated counterbalance system.

### Intuitive Safety Stops

Exercisers can now quickly and easily adjust the safety stops from the workout position.

### Clean, Open Design

Greater head clearance provides an optimal walk-through design, enhancing accessibility for your exercisers and opening up the sight lines within your facility.

### Streamlined Bar and Bearing System

The Smith bar and bearing system features 20% less high-wear parts compared to traditional designs, providing a lower cost of ownership.

### Weight Storage Horns

The six weight horns provide storage for over 1,350 lb / 612 kg of weight plates.

### Secure Hook System

The unique bar catch plate profile and roller wheel hook ensure easy, secure nesting into one of the 16 catch positions.



## Specifications

**Dimensions (L x W x H):** 56 x 84 x 90 in / 142 x 214 x 229 cm

**Max Load Weight:** 600 lb / 272 kg

**Starting Weight:** Smith Bar Assembly (unloaded) 25 lb / 11.3 kg

**Glide Path Angle:** 11 degrees

**Length of Smith Bar Travel:** 61.5 in / 156 cm

**Smith Bar Hook Spacing:** 16 Hook positions at 4 in / 10 cm spacing

**Linear Bearings:** Qty. four (4) industrial grade linear bearings at 1,500 lb / 681 kg dynamic load capacity each (2 per side)

**Head Clearance:** 80 in / 203 cm walk through design

**Shafting:** 1.25 in / 32 mm case hardened, ground turned and polished linear shafting

**Safety Stops:** Tested to: 600 lb / 272 kg from 18 in / 46 cm x 10 times

**Weight Plate Storage Horns:** Six (6) horns at 10 in / 25 cm in length

**Storage Capacity:** Five (5) 45 lb / 20 kg weight plates per horn = 1,350 lb / 612 kg max

**Smith Bar Assembly:** Bar diameter: 1.4 in / 35 mm, knurled and plated  
Olympic Sleeves: 10.5 in / 27 cm length per side

**Warranty:** Visit [www.precor.com](http://www.precor.com) for warranty terms.

## Color Options\*

Frame



Black Pearl



Gloss Metallic Silver

\*Colors may vary.

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