



DISCOVERY™ SERIES
Plate Loaded Line



DPL0802

Smith Machine

The Discovery Series combines all the functional performance elements demanded from a strength line, but with the design and attention to detail you would expect from Precor. The result is an exceptional workout experience for the first-time user or seasoned athlete.

At Precor, we recognize that a great workout is the sum of many parts. In your hands, the products, services and technologies we offer can be combined in countless ways to complement the programs and atmosphere you're creating.

PRECOR[®]
Fitness Made Personal

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Smith Machine

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The bold, sleek design of the Discovery Series 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 user experience.

PRODUCT HIGHLIGHTS

- 1 Delivers More Effective Workouts**
The Smith Bar glide path optimizes the natural movement of the human body with an angle of 11 degrees.
- 2 Innovative Smith Bar System**
An innovative design enables the Smith bar to accommodate a higher weight capacity yet provides a low start weight of 25 lb without the need for a complicated counterbalance system.
- 3 Intuitive Safety Stops**
Exercisers can now quickly and easily adjust safety stops from the workout position.
- 4 Clean, Open Design**
The Smith Machine continues the Precor design and performance found in the Discovery Series. Greater head clearance provides optimal walk through design – providing greater safety to your exercisers, and a more visually spacious appeal to your facility.
- 5 Lower Cost of Ownership**
The Smith bar and bearing system features 20% less high wears parts compared to traditional designs.
- 6 Easy Load & Unload**
The six weight horns provide over 1,350 lbs of ample storage space on your strength floor.
- 7 Secure Hook System**
Unique bar catch plate profile and roller wheel hook ensure easy, secure nesting into one of the 16 catch positions.

Standard Color Options

Frame



• Custom colors available. Please contact a Precor Sales Representative.

PRODUCT SPECIFICATIONS

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

Product Weight: 395 lbs / 179 kg

Max Load Weight: Ability to load maximum of 6 x 45 lb Olympic weight plates per side = 12 x 45 = 540 lb

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

Glide Path Angle: 11 degrees

Length of Smith Bar Travel: 61.5 inches / 156 cm

Smith Bar Hook Spacing: 16 Hook positions @ 4 inch / 10 cm spacing

Linear Bearings: Qty. four (4) industrial grade Linear bearings @ 1,500 lb dynamic load capacity each (2 per side)

Head Clearance: 80 inch / 203 cm walk through design

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

Safety Stops: Tested to: 600 lb from 18 inches x 10 times

Weight Plate Storage Horns: Six (6) horns @ 10 inches / 25 cm in length
Storage capacity: (5) 45 lb / 20 kg weight plates per horn = 1,350 lb / 612 kg max

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

Regulatory: Passed all requirements of EN957 and ASTM F2276



www.precor.com/VPL-SMBP



www.precor.com/VPL-SMS

See it in action at [precor.com](http://www.precor.com)

For **Warranty Terms**, please refer to www.precor.com

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