



Axiom – Product Line Specifications

Strength Team | August 24th, 2020

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Axiom Series – General Product Line Specifications

Frame

- Fully welded 11-gauge steel frames
- Electrostatic powder coat finish for maximum durability

Tower

- Consistent low profile 53" (135 cm) tower
- Full front (or optional rear only) weight stack shrouds

Weight Plates

- Solid steel 15 lb (7.5 kg) weight plates
- Push / Pull increment weight: 7.5 lbs (3.75 kg)
- Top weight plate is fitted with self-lubricated bushings
- Magnetic weight selector pin locks into place

Adjustments

- Visible, color contrasting, yellow adjustment handles.
- Latex free rubber over molded adjustment handles.

Biomechanics

- Work-arm movements that correctly align with user joint movements, provide a natural, comfortable feel throughout the entire range of motion.
- Variable cams & machine design replicate the body's natural strength profile
- User weight rating = 300 lb (136 kg)

Instructional Placards

- QR Coded / NFC Chipped placards pictorially illustrate the muscles trained, proper machine set up & use, for easy to follow instructions regardless of language

Cable & Pulleys

- 7 x 19 strand construction, lubricated, nylon-coated cables.
- 4.5-inch diameter fiberglass-impregnated nylon pulleys with sealed ball bearings.
- Minimum Breaking Strength (MBS)
 - 1/8" Cable – 2,000 lbf tensile strength
 - 3/16" Cable – 4,200 lbf tensile strength

Foot platforms

- All foot platforms are molded with a slip-resistant texture.

Cushions

- Contoured cushions utilize a molded foam for superior comfort, support & increased durability.

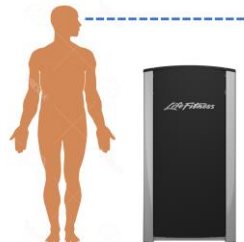
Certifications

- ASTM F2216-12, ASTM F2276-10, ASTM F2277-12, ASTM F 2571
- EN ISO 20957-1:2013
- EN 957-1, EN-957-2
- EN 957-2:2003

Warranty

- 10-year limited warranty on the structural frame (coatings excluded)
- 5-year on the pulleys, weight plates, & guide rods
- 1 year on the bearings, cables, grips & electrical.
- 90 days on the upholstery, springs, & any items not specified.
- Warranties outside the U.S. may vary.

Axiom Series – Key Product Knowledge



APPROACHABLE DESIGN

Axiom series offers an inviting design with minimal adjustments.

The low profile 53" (135 cm) tower & approachable aesthetics enhance any facility.

GRAPHIC PLACARDS

Graphic placards make it easy for exercisers to learn what muscle groups are being trained and how to properly utilize the machine.



QR Code / NFC Chip works seamlessly with LF Connect to track your workouts and provides a demonstrational video for proper use of the product.

COMPACT VERSATILITY

Designed with a small footprint, Axiom Series offers upper & lower body machines, a dual adjustable pulley and benches & racks fit for any facility.



EASY ADJUSTMENTS

Weight stacks are located close to the exerciser, making the adjustments easy.

All adjustment handles & knobs are rubber over-molded for increased grip & tactile feel.



INTEGRATED STORAGE

Axiom Tower comes an integrated storage tray for placing water bottles, phones and other accessories when using the product



SIMPLE MOVEMENTS

Designed with minimal adjustments, Axiom Series provides users with traditional dependent movements to ensure the product line is intuitive for users of all fitness levels

Axiom Series – Shroud Options

FULL SHROUD



REAR SHROUD ONLY



Abdominal OP-AB

Size (L x W x H): 50" x 41" x 53"

Metric (cm): 127 x 104 x 135

Recommended Live Area (L x W x H): 62" x 65" x 77"

Metric (cm): 157 x 165 x 196

Weight: 384 lbs (174 kg)

*Weight Stack (includes increment weight): 142.5 lbs (71.25 kg)

Max User Weight: 300 lbs (136 kg)

Key Features:

- Conforming hand grips accommodate various size users while providing easy entry / exit of the machine
- Foot supports allow for increased stability during movement
- Lumbar pad encourages greater range of motion, creating additional abdominal stretch and improving abdominal contraction

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Biceps Curl

OP-BC

Size (L x W x H): 55" x 41" x 53"

Metric (cm): 139 x 104 x 135

Recommended Live Area (L x W x H): 79" x 53" X 77"

Metric (cm): 200 x 135 x 196

Weight: 403 lbs (183 kg)

*Weight Stack (includes increment weight): 172.5 lbs (86.25 kg)

Max User Weight: 300 lbs (136 kg)

Key Features:

- Self-aligning handles accommodate a wide range of forearm lengths
- Wide arm pad to accommodate different user sizes and positions
- Counterbalance creates low start resistance

*7.5 lb (3.75 kg) increment weight



AXIOM SERIES

Chest Press

OP-CP



Size (L x W x H): 44" x 51" x 53"

Metric (cm): 112 x 129 x 135

Recommended Live Area (L x W x H): 59" x 63" x 77"

Metric (cm): 150 x 160 x 196

Weight: 462 lbs (210 kg)

*Weight Stack (includes increment weight): 202.5 lbs (101.25 kg)

Max User Weight: 300 lbs (136 kg)

Key Features:

- Grips offer two hand positions (neutral, prone) to provide training variety
- Contoured back pad improves user stability during movement
- Adjustable seat pad accommodates varying user heights



AXIOM SERIES

*7.5 lb (3.75 kg) increment weight

Pulldown OP-PD

Size (L x W x H): 60" x 55" x 73"

Metric (cm): 152 x 140 x 185

Recommended Live Area (L x W x H): 84" x 67" x 85"

Metric (cm): 213 x 170 x 216

Weight: 459 lbs (208 kg)

*Weight Stack (includes increment weight): 202.5 lbs (101.25 kg)

Max User Weight: 300 lbs (136 kg)

Key Features:

- Angled thigh pads stabilize users without the need of an additional adjustment
- Adjustable seat pad accommodates users of varying size and length
- Longer handles better support wider and narrower hand positions

*7.5 lb (3.75 kg) increment weight



AXIOM SERIES

Leg Curl

OP-LC

Size (L x W x H): 65" x 43" x 53"

Metric (cm): 165 x 109 x 135

Recommended Live Area (L x W x H): 101" x 67" x 77"

Metric (cm): 257 x 170 x 196

Weight: 405 lbs (184 kg)

*Weight Stack (includes increment weight): 202.5 lbs (101.25 kg)

Max User Weight: 300 lbs (136 kg)

Key Features:

- Prone position promotes a greater hamstring muscle contraction with less movement and allows hamstrings to move more freely through a range-of-motion
- Tibia pad adjusts to accommodate users of varying size and length
- Diverging hip and chest pad angles minimize lower back stress

*7.5 lb (3.75 kg) increment weight



AXIOM SERIES

Leg Extension

OP-LE

Size (L x W x H): 73" x 40" x 53"

Metric (cm): 185 x 102 x 135

Recommended Live Area (L x W x H): 91" x 64" x 77"

Metric (cm): 231 x 163 x 196

Weight: 435 lbs (197 kg)

*Weight Stack (includes increment weight): 202.5 lbs (101.25 kg)

Max User Weight: 300 lbs (136 kg)

Key Features:

- Seat angled to position user for maximum quadriceps engagement during movement
- Adjustable back pad accommodates various user sizes
- Tibia pads adjust to accommodate varying tibia lengths

*7.5 lb (3.75 kg) increment weight



AXIOM SERIES

Leg Press

OP-LP

Size (L x W x H): 86" x 40" x 53"

Metric (cm): 218 x 102 x 135

Recommended Live Area (L x W x H): 98" x 64" x 77"

Metric (cm): 249 x 163 x 196

Weight: 592 lbs (269 kg)

*Weight Stack (includes increment weight): 262.5 lbs (131.25 kg)

Max User Weight: 300 lbs (136 kg)

Key Features:

- Innovative path of motion promotes greater hip extension and muscle contraction
- Large foot platforms accommodate a variety of foot sizes and positions while the angle of the foot platform helps maintain neutral ankle alignment.
- Adjustable back pad accommodates various user sizes

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AXIOM SERIES

Seated Row

OP-RW

Size (L x W x H): 65" x 40" x 53"

Metric (cm): 165 x 102 x 135

Recommended Live Area (L x W x H): 89" x 58" x 77"

Metric (cm): 226 x 147 x 196

Weight: 459 lbs (208 kg)

*Weight Stack (includes increment weight): 202.5 lbs (101.25 kg)

Max User Weight: 300 lbs (136 kg)

Key Features:

- Self-adjusting handles promote a proper wrist alignment throughout the range-of-motion
- Neutral and underhand hand positions target specific muscle groups
- Angled foot platforms stabilize user and engage core muscles

*7.5 lb (3.75 kg) increment weight



AXIOM SERIES

Shoulder Press

OP-SP

Size (L x W x H): 61" x 55" x 53"

Metric (cm): 155 x 140 x 135

Recommended Live Area (L x W x H): 85" x 67" x 77"

Metric (cm): 216 x 170 x 196

Weight: 484 lbs (220 kg)

*Weight Stack (includes increment weight): 172.5 lbs (85.25 kg)

Max User Weight: 300 lbs (136 kg)

Key Features:

- Neutral and overhand handle positions for user preference and physical limitations
- Seat position provides range-of-motion adjustment
- Counterbalance creates low start resistance
- Contoured back pad improves user stability during movement

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AXIOM SERIES

Triceps Extension

OP-TE

Size (L x W x H): 57" x 41" x 53"

Metric (cm): 145 x 104 x 135

Recommended Live Area (L x W x H): 86" x 53" x 77"

Metric (cm): 218 x 135 x 196

Weight: 379 lbs (172 kg)

*Weight Stack (includes increment weight): 142.5 lbs (71.25 kg)

Max User Weight: 300 lbs (136 kg)

Key Features:

- Self-aligning handles accommodate a wide range of forearm lengths
- Counterbalance creates low start resistance
- Seat angled to promote proper positioning during movement
- Foot supports provide user with additional stability during exercise

*7.5 lb (3.75 kg) increment weight



AXIOM SERIES

Hip Abductor / Adductor

OP-HAA

Size (L x W x H): 68" x 67" x 53"

Metric (cm): 173 x 170 x 135

Recommended Live Area (L x W x H): 68" x 115" x 77"

Metric (cm): 173 x 292 x 196

Weight: 432 lbs (196 kg)

*Weight Stack (includes increment weight): 142.5 lbs (71.25 kg)

Max User Weight: 300 lbs (136 kg)

Key Features:

- Advanced mechanical adjustment design allows for an easy transition between inner and outer thigh exercises
- Tower provides privacy during use
- All adjustments can be made when user is positioned on the seat

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AXIOM SERIES

Pectoral Fly / Rear Deltoid

OP-FLY

Size (L x W x H): 76" x 78" x 81"

Metric (cm): 193 x 198 x 206

Recommended Live Area (L x W x H): 94" x 114" x 93"

Metric (cm): 239 x 290 x 236

Weight: 543 lbs (246 kg)

*Weight Stack (includes increment weight): 262.5 lbs (131.25 kg)

Max User Weight: 300 lb (136 kg)

Key Features:

- Articulating arms pivot to accommodate individual forearm lengths and varying paths of motion
- Independent variable cams replicate the body's natural strength curve throughout the range of motion
- Accommodates two exercises into one machine

*7.5 lb (3.75 kg) increment weight



AXIOM SERIES

Pulldown / Row

OP-LR

Size (L x W x H): 91" x 35" x 85"

Metric (cm): 231 x 89 x 216

Recommended Live Area (L x W x H): 115" x 83" x 97"

Metric (cm): 292 x 211 x 246

Weight: 452 lbs (205 kg)

*Weight Stack (includes increment weight): 202.5 lbs (101.25 kg)

Max User Weight: 300 lbs (136 kg)

Key Features:

- Accommodates two exercises that target the entire back and rear shoulder muscle groups
- Comes standard with lat pulldown bar and neutral grip row handle
- Foot pegs provide additional user stability during row
- Angled thigh pads stabilize users without the need of an additional adjustment

*7.5 lb (3.75 kg) increment weight



AXIOM SERIES

Dual Adjustable Pulley

OP-DAP

Size (D x W x H): 55" x 56" x 84"

Metric (cm): 140 x 142 x 213

Recommended Live Area (D x W): 109" x 184" x 102"

Metric (cm): 277 x 467 x 259

Weight: 718 lbs (326 kg)

Weight Stack: Standard: 2 – 165 lb (2 – 75 kg) stacks

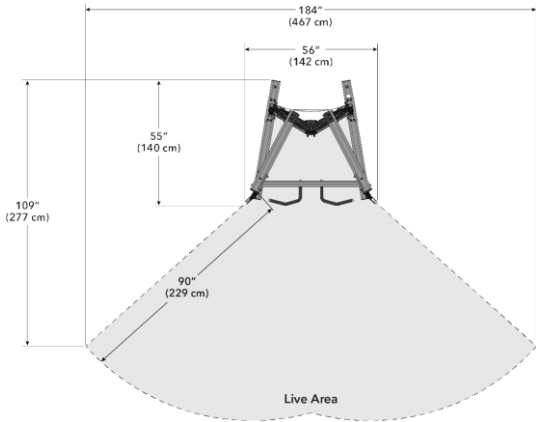
Resistance Ratio: 1:2

Effective User Resistance:

Weight Stack: 2 – 80 lbs (2 – 40 kg)

Key Features:

- 90" (228 cm) of cable travel to accommodate full body movements
- Ergonomic pull-up bar with neutral, chin up, and pull up grip positions
- Optimized weight stack position to minimize product width without sacrificing function
- Accessories included: One pair of Long Adjustable handles, one Ankle Strap and one Triceps Rope





3 Tier Accessory Rack

OP-AR3

Size (L x W x H): 54" x 29" x 38"

Metric (cm): 137 x 73 x 96

Recommended Live Area (L x W): 54" x 53"

Metric (cm): 137 x 135

Weight: 168 lbs (76 kg)

Max Capacity: 810 lbs (368 kg)

Per Tier: 270 lbs (120 kg)

Key Features:

- Flat trays house various accessories such as Kettlebells, Slam Bells and Wall Balls
- Front and back angle on shelves keeps accessories in place
- Rubber feet allow the rack to hold a firm position and protect both the flooring and frame from damage
- Small footprint makes this rack ideal for small training spaces



AXIOM SERIES



3 Tier DB Rack (5-50 HEX)

OP-DB3HX

Size (L x W x H): 54" x 29" x 38"

Metric (cm): 137 x 73 x 96

Recommended Live Area (L x W): 54" x 53"

Metric (cm): 137 x 135

Weight: 167 lbs (76 kg)

*Max Capacity: 550 lbs (250 kg)

Per Tier: 270 lbs (120 kg)

Key Features:

- Conveniently fits 5 – 50 lb HEX DB's (10 Pairs)
- Most cost and space efficient rack at 48" wide
- Rubber feet allow the rack to hold a firm position and protect both the flooring and frame from damage
- Small footprint makes this rack ideal for small training spaces



*Max Capacity reflects 1 set of 5 lb – 50 lb HEX Dumbbells (550 lbs)



3 Tier DB Rack (5-50 Saddle) OP-DB3SS

Size (L x W x H): 61" x 29" x 38"

Metric (cm): 155 x 73 x 96

Recommended Live Area (L x W): 61" x 53"

Metric (cm): 155 x 135

Weight: 200 lbs (91 kg)

*Max Capacity: 550 lbs (250 kg)

Per Tier: 270 lbs (120 kg)

Key Features:

- Stores 5 – 50 LB Round DB's (10 Pairs)
- Durable saddles help organize and space dumbbells
- Designed for Round Dumbbells
- Holds 3 pairs of Round Dumbbells per tier
- Rubber feet allow the rack to hold a firm position and protect both the flooring and frame from damage



*Max Capacity reflects 1 set of 5 lb – 50 lb Dumbbells (550 lbs)

AXIOM SERIES



3 Tier DB Rack (5-75 Saddle) OP-DB3LS

Size (L x W x H): 96" x 29" x 38"

Metric (cm): 244 x 73.7 x 96.5

Recommended Live Area (L x W): 97" x 53"

Metric (cm): 246 x 135

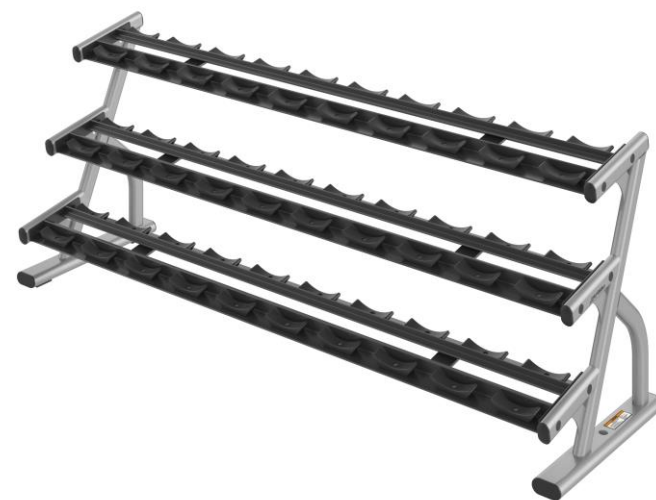
Weight: 286 lbs (130 kg)

*Max Capacity: 1,200 lbs (545 kg)

Per Tier: 540 lbs (245 kg)

Key Features:

- Stores 5 – 75 LB Round DB's (15 Pair)
- Durable saddles help organize and space dumbbells
- Designed for Round Dumbbells
- Holds 5 pairs of Round Dumbbells per tier
- Rubber feet allow the rack to hold a firm position and protect both the flooring and frame from damage



*Max Capacity reflects 1 set of 5 lb – 75 lb Dumbbells (1200 lbs)

AXIOM SERIES



Abdominal Bench

OP-ABB

Size (L x W x H): 50" x 25" x 21"

Metric (cm): 127 x 63.5 x 53.3

Recommended Live Area (L x W): 75" x 43"

Metric (cm): 191 x 109

Weight: 45 lbs (20 kg)

Max User Weight: 300 lbs (136 kg)

Key Features:

- Handle and wheels for easy transport
- Economical design with a small footprint makes this ideal for small training spaces
- Pad angled at 17° to better engage abdominals during crunch



AXIOM SERIES

Adjustable Bench

OP-ADJ

Size (L x W x H): 55" x 25" x 45"

Metric (cm): 140 x 64 x 114

Recommended Live Area (L x W): 97" x 73"

Metric (cm): 246 x 185

Weight: 72 lbs (33 kg)

Max User Weight: 300 lbs (136 kg)

Max Training Weight: 500 lbs (227 kg)

Key Features:

- Angled lumbar pad for ultimate comfort and biomechanical support
- Fixed seat pad for single adjustment
- Medium sized wheels create an easy, low-profile form of transportation
- 6 Adjustments: 0°, 15°, 30°, 45°, 60°, 75°

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Barbell Rack

OP-BBR

Size (L x W x H): 36" x 23.5" x 56.5"

Metric (cm): 91.5 x 60 x 143.5

Recommended Live Area (L x W): 60" x 47.5"

Metric (cm): 152 x 121

Weight: 92 lbs (42 kg)

Max Capacity: 450 lbs (205 kg)

Key Features:

- Unique upright frame design provides convenience for easy barbell access
- Urethane guards help protect rack and barbell finish
- Accommodates both Straight and EZ Curl fixed barbells
- Design to hold up to 5 barbells

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Dip / Leg Raise

OP-DLR

Size (L x W x H): 41.5" x 29" x 61"

Metric (cm): 105.4 x 73.6 x 155

Recommended Live Area (L x W): 77.5" x 47"

Metric (cm): 197 x 119

Weight: 137 lbs (62 kg)

Max User Weight: 300 lbs (136 kg)

Key Features:

- Offers stable positioning for vertical knee raise exercises and dips
- 10 Degree reclined position and angled elbow pads to secure user position
- Step up for easy entry / exit





Flexibility Trainer

OP-FS

Size (L x W x H): 54" x 23" x 43"

Metric (cm): 137 x 58 x 109

Recommended Live Area (L x W): 78" x 59"

Metric (cm): 198 x 150

Weight: 78 lbs (35 kg)

Max User Weight: 300 lbs (136 kg)

Key Features:

- Supports proper body position for stretching
- Uses gravity to stretch all major muscle groups in a compact design
- Pivot system allows user to have a greater range of movement to accommodate various body types and levels of flexibility
- Large instructional placard to help user perform stretches
- Small wheels make for easy transport



AXIOM SERIES

Smith Rack

OP-SM

Size (L x W x H): 56" x 73" x 88"

Metric (cm): 142 x 185 x 223

Recommended Live Area (L x W): 120" x 120"

Metric (cm): 305 x 305

Weight: 398 lbs (180 kg)

Max Training Weight: 495 lbs (224 kg)

Bar Capacity (info on machine label):

Max Bar Capacity: 5 – 45 lb (4 – 25 kg) plates

Starting Resistance: 45 lbs (20 kg)

Weight Plate Storage:

Weight Horns: 8

Weight Horn Capacity:

Key Features:

- Combines barbell lifting into a space efficient area
- 7° angle to match natural path of movement
- Linear bearing for a smooth feel (45 lb starting resistance)
- Outer bar supports provide space for free weight exercises
- Olympic Bar storage to secure the bar when using the Smith Machine

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Vertical Dumbbell Rack

OP-DBV

Size (L x W x H): 20" x 19" x 46"

Metric (cm): 51 x 48 x 117

Recommended Live Area (L x W): 44" x 19"

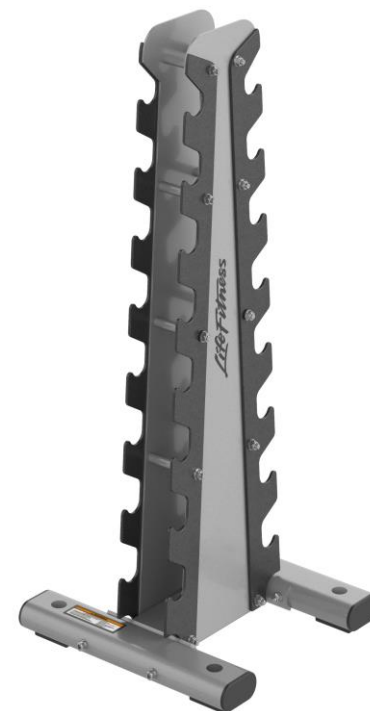
Metric (cm): 112 x 48

Weight: 57 lbs (26 kg)

Max Capacity: 180 lbs (82 kg)

Key Features:

- Stores 8 Pair (2.5 – 20 LB) DB's
 - Studio Dumbbells only
- Provides ultimate DB storage solution for group training, small workout rooms and active aging applications
- Elegant design allows for easy dumbbell access in a small, compact footprint



*Max Capacity reflects 8 pairs of Dumbbells from 2.5 lb – 20 lb (1 kg – 8 kg)

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Vertical Medicine Ball Storage

OP-MBS

Size (L x W x H): 25.5" x 25" x 56"

Metric (cm): 65 x 64 x 142

Recommended Live Area (L x W): 35" x 32"

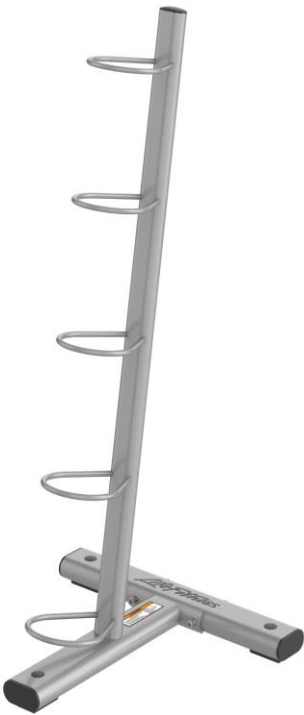
Metric (cm): 89 x 81

Weight: 37 lbs (17 kg)

*Max Capacity: 100 lbs (45 kg)

Key Features:

- Small footprint makes this ideal for small training spaces
- Can hold 5 Medicine Balls up to 10.5" in diameter
- Vertical storage allows for convenient access in a compact design



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*Max Capacity reflects each rung holding a 20 lb Med Ball