

**CYBEX** EAGLE SELECTORIZED STRENGTH

EAGLE

CYBEX **per**experience



**“ GREAT CLIENT AND STAFF SATISFACTION  
CONTINUE TO PROVE THAT THE EAGLE  
LINE WAS A SMART INVESTMENT. ”**

**— Mark Miller, Vice President of Operations,  
Merritt Athletic Clubs**

The CYBEX Eagle line and the ARC Trainers are the best sales tools in my club. People immediately experience the difference compared to other equipment. Clients training on their own will wait for a specific piece to become available rather than use anything else. Our personal trainers like the adaptability, mechanics and overall results from using the Eagle line. As a result, I've duplicated many of the Eagle and CYBEX pieces in our clubs.

It's helped make our personal training programs more popular, more efficient and more profitable... CYBEX's durability, serviceability and customer service, and the great client and staff satisfaction that Eagle has delivered, continue to prove that the Eagle line was a smart investment.

CYBEX is about real people — those who make the equipment and those who use it. For us, they are one and the same. We build our own equipment with pride, knowledge and research in design, technology and service. The CYBEX logo stands for accountability. We take ownership every step of the way — from the drawing board to assembly to user experience. This commitment and constant evolution allows you to run your club at its peak with durable, trouble-free equipment and an excellent fitness experience for your members.

CYBEX PHILOSOPHY

# ■ innovation BEHIND EVERY workout

It's the evolution of superior technology and a passion for fitness—a goal of CYBEX to meet the needs of fitness enthusiasts and professionals through function, performance and results. Every CYBEX concept, design and manufacturing method is backed by exhaustive research in human biomechanics and decades of heritage in sports medicine and fitness R&D—because innovation and technology cannot do it alone. CYBEX Eagle is the premier line of strength training equipment that brings each user a new world of possibilities for their best performance ever.

**G R E A T E R**  
**performance**  
**G R E A T E R**  
**results**

Technology. Function. Performance. Results. One follows the other from every machine's design and manufacture to each client's individualized use. It's the theme behind the development of the entire Eagle line. For example, our Dual Axis Technology helps you achieve greater results by maximizing the load on the muscle, with less stress on the joint.

From expanding your training possibilities and accommodating a wider client population to increasing efficiency, member retention and profitability — the Eagle strength line will reshape what you believe fitness equipment can do. If your members demand superior results, you need CYBEX Eagle. To experience Eagle in motion, visit [www.cybexinternational.com](http://www.cybexinternational.com).

“

## FOR OUR STAFF AND CLIENTS, CYBEX IS THE BEST CHOICE.

”

—Tim Brewster, MSPT, CSCS, Train Boston Sports Center

Things have changed in our field. Third-party reimbursement is down, but patient expectations have actually gone up. Most patients have to go back to the same activities they pursued prior to their medical problems. In other words, they are expecting real results in record time.

On the clinical floor right now, we're treating a mother of three with a torn meniscus, a construction worker recovering from back surgery, a 60+ executive with his second hip replacement (who "no way" is giving up golf), a female teenage basketball player with an ACL reconstruction, and a competitive tennis player with a torn rotator cuff. Our equipment has to give our staff the exercise program versatility to achieve the clients' individual function and performance goals...

CYBEX has been involved in sports medicine and rehabilitation technology since the early 70's. They have used this medical background to put real science behind the design of each and every product. Our decision to trade in our equipment for the new Eagle pieces has given us the opportunity to improve patient care and efficiency. Not only does it give us an advantage on the rehab side, but the same equipment also allows us the best flexibility over competitive products in training our amateur and pro athletes. For our staff and our clients, CYBEX remains the best choice.

# science behind



## Second Generation Dual Axis Technology (A)

This second generation technology adds a converging/diverging element to CYBEX Dual Axis Technology's user defined path of motion. The versatility of this technology helps the everyday user or the serious trainer achieve greater results by delivering consistent torque throughout the range of motion to maximize the effect at the muscle, with less stress to the joint.

## Ergonomic Leg Pad Adjustments

These innovative designs on the Leg Extension and Seated Leg Curl make positioning the input pad intuitive and virtually effortless. This results in easily accessible machines that are adjusted with little exertion or movement.



## Range Limiting Device (B)

This CYBEX patent-pending technology ensures that regardless of starting position selected, the cam is synchronized with each individual user. It matches their performance level, maintaining the integrity of force throughout the range of motion while taking into account their limits and abilities. Start RLD (adjustable start only) provides start positions every 10°. Total RLD (adjustable start and finish) provides start and end positions every 10°.

## Contoured Molded Pads

Ergonomically contoured molded pads provide better support for a variety of movements, as well as a more contemporary overall look.



## Fully Enclosed Weight Stacks (C)

Enclosed weight stacks help shield bystanders and users from inadvertent contact with the moving weight stack, creating a safer workout environment. The fully enclosed stacks give a sleek appearance and comply with ASTM and EN standards.

## Drive System Design

A "Best Use" drive design incorporates three methods of transferring force to provide a direct feel and optimal performance. Belt, cable and drive shafts are chosen for their capabilities in specific applications.



## Gas Assist Adjustments (D)

Eagle's four-bar linkage design combined with gas spring assist makes it possible to adjust the seat height and back position without requiring the user to get off the machine. The seat base and seat backs have position indicators to enable the user to perfectly duplicate their position on the machine each time they use it.

## FitLinxx® Certified

Monitoring system for measuring progress.

# the strength

## Second Generation Twist Select Increment Weight System (E)

Patent-pending system allows user to adjust the weight 5 pounds (2.5 kg) at a time with a simple turn of the knob—nothing to slide, drop or lose. System is also completely balanced for drag free operation and includes integrated oiling capabilities, resulting in reduced time and mess associated with guide rod maintenance.



E

## Logical Pairs (F)

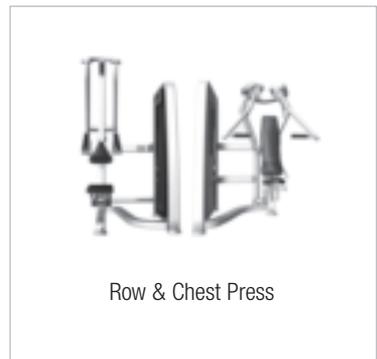
Allows complementary machines to be placed back to back, saving valuable floor space.

Available in the following configurations:

- Row & Chest Press
- Incline Pull & Incline Press
- Leg Extension & Seated Leg Curl
- Lat Pulldown & Overhead Press
- Glute & Prone Leg Curl
- Back Extension & Abdominal
- Calf & Hip Ab/Ad
- Arm Curl & Arm Extension

## Variable Resistance

The resistance profile of each movement has been designed into the machine, assuring that the resistance provided mirrors the body's capability throughout the range of motion.



Row & Chest Press

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F

## Engineered for Safety

The safety of every user is essential to our success and yours. The entire Eagle line complies with ASTM and EN standards.

## Instructional Guide (G)

High contrast three-color placards use straightforward language and pictures for easy-to-read instructions.



G

## Dry Grip Technology

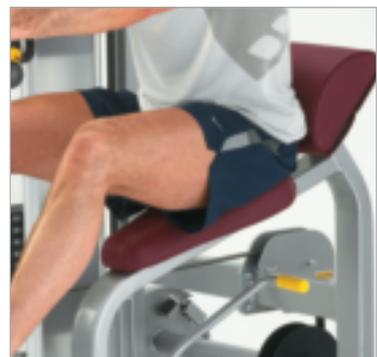
Non-absorbent gripping material provides extra security for your grip.

## Molded Rubber Feet

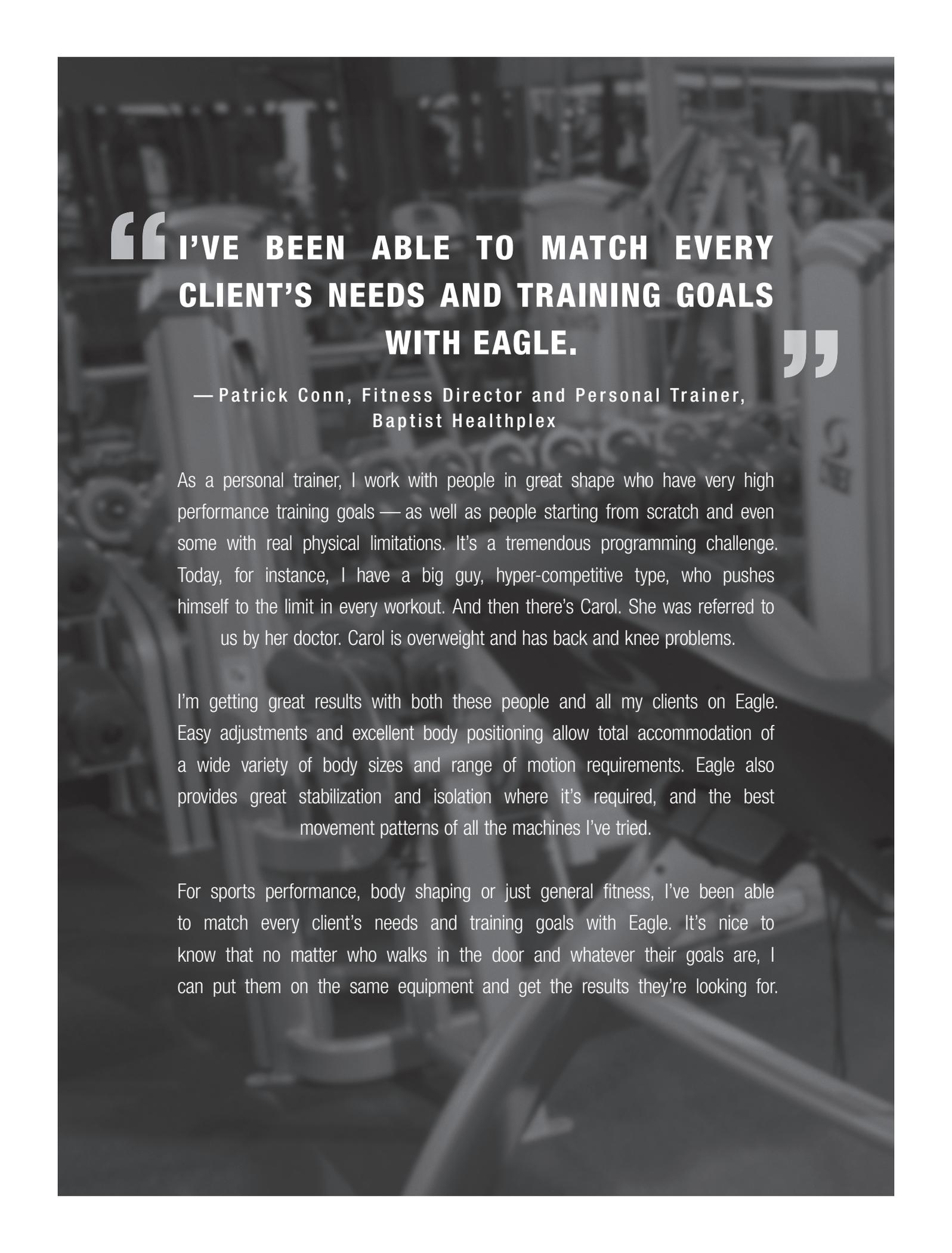
Rubber feet protect your floor and help keep your machines in place.

## Pelvic Stabilization (H)

Patent-pending adjustable foot brace allows user to “lock into” the hip pad, causing hip extensor engagement for optimal pelvic stabilization on the Abdominal and Back Extension.



H



**“ I’VE BEEN ABLE TO MATCH EVERY  
CLIENT’S NEEDS AND TRAINING GOALS  
WITH EAGLE. ”**

**— Patrick Conn, Fitness Director and Personal Trainer,  
Baptist Healthplex**

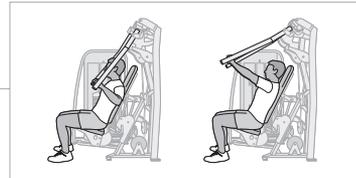
As a personal trainer, I work with people in great shape who have very high performance training goals — as well as people starting from scratch and even some with real physical limitations. It’s a tremendous programming challenge. Today, for instance, I have a big guy, hyper-competitive type, who pushes himself to the limit in every workout. And then there’s Carol. She was referred to us by her doctor. Carol is overweight and has back and knee problems.

I’m getting great results with both these people and all my clients on Eagle. Easy adjustments and excellent body positioning allow total accommodation of a wide variety of body sizes and range of motion requirements. Eagle also provides great stabilization and isolation where it’s required, and the best movement patterns of all the machines I’ve tried.

For sports performance, body shaping or just general fitness, I’ve been able to match every client’s needs and training goals with Eagle. It’s nice to know that no matter who walks in the door and whatever their goals are, I can put them on the same equipment and get the results they’re looking for.

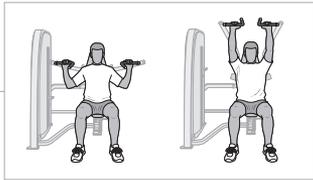
## CHEST PRESS

- Second Generation Patented Dual Axis Technology™ allows users to define their own paths of movement, as well as providing a converging path motion for greater individual performance
- Gas spring assisted seat and back pad for easy adjustment
- Overhead pivot provides a natural path of motion
- Independent arm motion encourages symmetrical strength development



## OVERHEAD PRESS

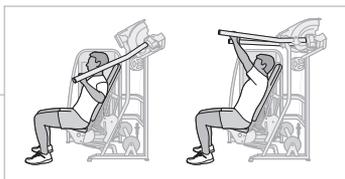
- Second Generation Patented Dual Axis Technology™ allows users to define their own paths of movement, as well as providing a converging path motion for greater individual performance
- Gas spring assisted seat for easy adjustment
- User range of motion is set through seat height adjustment
- Independent arm motion encourages symmetrical strength development
- Standard and neutral grips provide multiple grip choices



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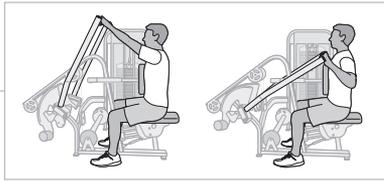
## INCLINE PRESS

- Second Generation Patented Dual Axis Technology™ allows users to define their own paths of movement, as well as providing a converging path motion for greater individual performance
- Gas spring assisted seat and back pad for easy adjustment
- Overhead pivot provides a natural path of motion in a 30° plane
- Independent arm motion encourages symmetrical strength development



## INCLINE PULL

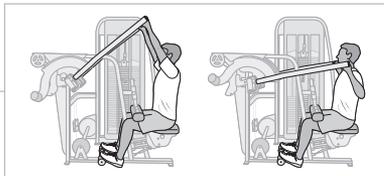
- Second Generation Patented Dual Axis Technology™ allows users to define their own paths of movement, as well as providing a converging path motion for greater individual performance
- Gas spring assisted seat for easy adjustment
- Independent arm motion encourages symmetrical strength development
- Torso pad provides stabilization and adjusts for user differences
- Unique positioning and adjustment allow for movements ranging from high pull to rear delt



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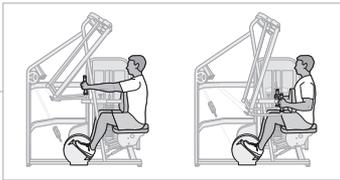
## LAT PULLDOWN

- Second Generation Patented Dual Axis Technology™ allows users to define their own paths of movement, as well as providing a converging path motion for greater individual performance
- Adjustable seat height and thigh pads accommodate a variety of user heights
- Gas spring assisted seat for easy adjustment
- Independent arm motion encourages symmetrical strength development
- Standard and neutral grips provide multiple grip choices



## ROW

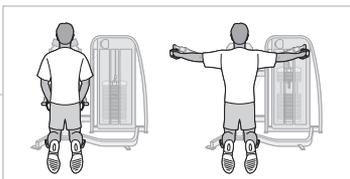
- Variable resistance assures that resistance provided closely matches the body's capability throughout the range of motion
- Gas spring assisted seat for easy adjustment
- Independent arm motion encourages symmetrical strength development
- Overhead pivot and unequal length four-bar linkage provide a near linear path of motion for consistent loading at the shoulder
- Diverging movement allows forearms to comfortably clear the body
- Foot brace promotes torso stabilization consistent with proper technique
- Adjustable chest pad provides additional stability if desired



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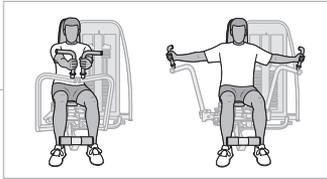
## LATERAL RAISE

- Independent arm motion encourages symmetrical strength development
- Horizontal axis allows for simple alignment
- Adjustable chest pad accommodates a variety of user types and provides for better targeting
- Adjustable knee pad accommodates user heights and allows hands to come in front of the legs for a more complete range of motion
- Extended elbow position allows for lower forces at the hand resulting in less shear at the shoulder at full abduction
- Because the elbow is not significantly flexed, the forces applied to external rotation are minimized, reducing stress on the rotor cuff



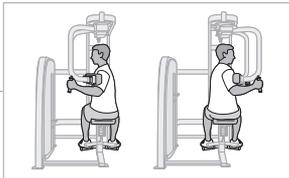
## FLY/REAR DELT

- Zero slack drive mechanism allows for near zero free-play for direct engagement
- Dual cams are optimized for the movement and allow for single resistance selection for both movements
- Horizontal and vertical grips provide multiple grip choices
- Foot brace allows for added stabilization



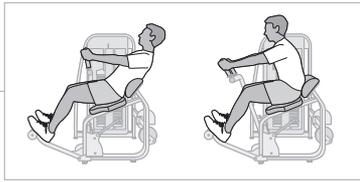
## TORSO ROTATION

- Gas spring assisted seat for easy adjustment
- Fixed lower body allows the head to lead the trunk, mirroring many sport and functional activities
- Dual angled foot pegs provide multiple stabilization opportunities
- Starting positions provided every 10°



## ABDOMINAL

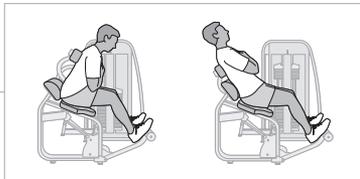
- Patent pending pelvic stabilization system with adjustable foot brace allows user to “lock into” the hip pad, for optimal pelvic stabilization
- Isolates abdominal muscles and trains a more complete range of correct spinal flexion movement without adjustment
- An innovative input design allows a wide variety of user sizes to perform correct movement without adjustment
- Hip pad includes a curved lumbar section to promote full range of motion



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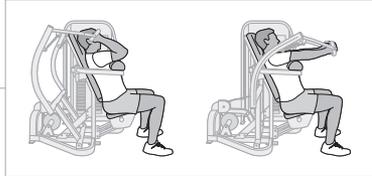
## BACK EXTENSION

- Contoured lumbar pad encourages comfortable spinal extension into hyperextension while isolating the spinal erectors from hip extensors
- Patent pending pelvic stabilization system with adjustable foot brace allows user to “lock into” the hip pad, for optimal pelvic stabilization
- Range Limiting Device maintains integrity of force curve while providing adjustment for appropriate starting position. Available in two configurations: Start RLD and Total RLD



## ARM EXTENSION

- Input arm design allows user to focus on tricep by maximizing the torque at the elbow while minimizing the torque at the shoulder
- Gas spring assisted seat for easy adjustment
- Input arm adjusts automatically to accommodate varying forearm lengths
- Rotating handgrips help maintain a neutral wrist position



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## ARM CURL

- Input arm adjusts automatically to accommodate varying forearm lengths
- Gas spring assisted seat for easy adjustment
- Off-pad axis of rotation minimizes pressure on the elbow
- Adjustable chest pad provides for torso stabilization allowing for consistent elbow alignment with axis of rotation
- Rotating handles allow a variety of hand positions





**“CYBEX EAGLE HELPS US GIVE OUR  
CLIENTS A PERFORMANCE EDGE.”**

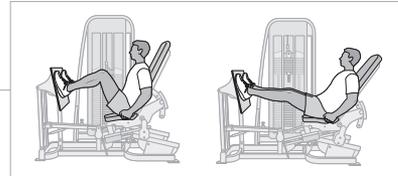
— Paul M. Juris, Ed.D., PGA kmx-lab

Our clients are the best golfers and instructors in the world. Their livelihood depends on getting results, and ours depends on making sure they do. We won't compromise any aspect of our performance solutions program, and that includes the function of the exercise equipment that powers it. . .

CYBEX Eagle helps us give our clients a performance edge. For example, effectively loading the hip is critical to executing today's modern golf swing. The Eagle Leg Press allows us to place greater load at the hip through an extended range of motion while minimizing joint stress, unlike other devices that actually place all the torque on the knee joint. Let's face it, the PGA could have any fitness equipment in the world — the superior biomechanics and ergonomics of CYBEX Eagle make it the clear choice of the PGA kmx-lab.

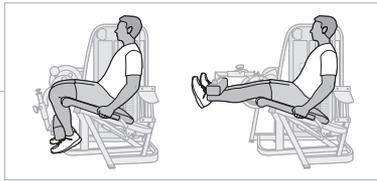
## LEG PRESS

- Patent pending articulating carriage design enables the seat back to recline through the movement allowing for greater hip range of motion and hip extensor involvement
- Adjustable footplate has damped floating action for ease of adjustment
- Seat back angle is adjustable with five positions
- Large footplate surface allows for a variety of foot placement positions



## LEG EXTENSION

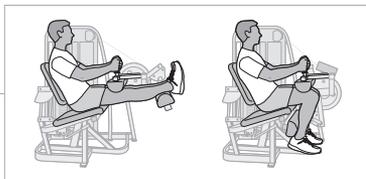
- Leg pad positioning is instinctive for user and virtually effortless
- Range Limiting Device maintains integrity of force curve while providing adjustment for appropriate starting position. Available in two configurations: Start RLD and Total RLD
- Gas spring assisted back pad for easy adjustment
- Offset input arm provides for positioning without affecting the starting angle of the knee
- Back pad is angled 100° from seat bottom to relieve hamstring pressure



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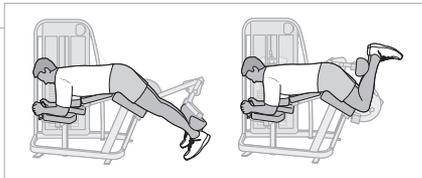
## SEATED LEG CURL

- Range Limiting Device maintains integrity of force curve while providing adjustment for appropriate starting position. Available in two configurations: Start RLD and Total RLD
- Gas spring assisted back pad for easy adjustment
- Leg pad positioning is instinctive for user and virtually effortless
- Back pad is angled 100° from seat bottom to relieve hamstring pressure
- Offset input arm provides for positioning without affecting the starting angle of the knee



## PRONE LEG CURL

- Range Limiting Device maintains integrity of force curve while providing adjustment for appropriate starting position. Available in two configurations: Start RLD and Total RLD
- Forearm pads and hip pad angle encourage a neutral spine
- Leg pad positioning is instinctive for user and virtually effortless
- Offset input arm allows for leg pad adjustment without affecting the starting angle of the knee



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## HIP ABDUCTION/ADDUCTION

- Zero slack drive mechanism allows for near zero free-play for direct engagement
- Dual cams are optimized for the movement and allow for single resistance selection for both movements
- Innovative design feature allows back to be positioned in full hip extension to optimally train gluteus maximus and medius during hip abduction
- Weight stack serves as privacy shield
- Knee pads as inputs minimize knee stress
- Dual foot bars accommodate a broad range of user heights



## CALF RAISE

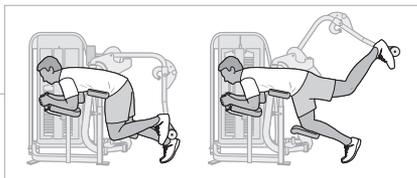
- Four-bar linkage input provides wide arc optimal descending path of motion while precisely controlling the footbar angle throughout the range of motion. This allows for functional “real world” loading not only at the ankle but also on the forefoot
- Seated user position directs force through hip rather than shoulders, minimizing spinal compression
- Adjustable seat position accommodates a variety of user heights and ranges of motion



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## GLUTE

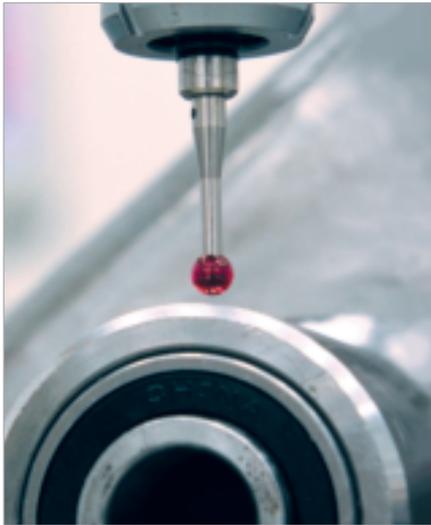
- Adjustable footbar accommodates a broad array of user sizes
- Unique adjustable shin support allows for optimal pad location. Positioning the knee under the hip allows proper alignment of the spine during use
- Adjustable abdominal support adds to spinal alignment
- Curvilinear path of motion encourages gluteal involvement without relying on precisely aligned hip placement



## SPECIFICATIONS

11000 Chest Press 58" (147 cm) W x 54" (137 cm) L x 78" (183 cm) H 671 lb. (305 kg) 305 lb. (138 kg) weight stack	11080 Arm Extension 51" (130 cm) W x 47" (119 cm) L x 60" (152 cm) H 593 lb. (270 kg) 205 lb. (93 kg) weight stack
11010 Overhead Press 58" (147 cm) W x 60" (152 cm) L x 64" (163 cm) H 584 lb. (265 kg) 205 lb. (93 kg) weight stack	11101 Back Extension, Start RLD (11100 Total RLD) 47" (119 cm) W x 54" (137 cm) L x 58" (147 cm) H 613 lb. (279 kg) 305 lb. (138 kg) weight stack
11150 Incline Press 60" (152 cm) W x 52" (132 cm) L x 78" (183 cm) H 685 lb. (311 kg) 305 lb. (138 kg) weight stack	11190 Torso 47" (119 cm) W x 48" (112 cm) L x 76" (193 cm) H 690 lb. (314 kg) 305 lb. (138 kg) weight stack
11020 Incline Pull 58" (147 cm) W x 54" (137 cm) L x 78" (183 cm) H 644 lb. (293 kg) 305 lb. (138 kg) weight stack	11040 Leg Press 41" (104 cm) W x 71" (180 cm) L x 75" (190 cm) H 1031 lb. (469 kg) 505 lb. (229 kg) weight stack
11130 Lateral Pulldown 47" (119 cm) W x 67" (172 cm) L x 75" (190 cm) H 703 lb. (320 kg) 305 lb. (138 kg) weight stack	11051 Leg Extension, Start RLD (11050 Total RLD) 46" (117 cm) W x 48" (123 cm) L x 58" (147 cm) H 623 lb. (283 kg) 305 lb. (138 kg) weight stack
11030 Row 40" (102 cm) W x 65" (165 cm) L x 78" (198 cm) H 679 lb. (309 kg) 285 lb. (132 kg) weight stack	11061 Seated Leg Curl, Start RLD (11060 Total RLD) 45" (114 cm) W x 64" (163 cm) L x 58" (147 cm) H 565 lb. (257 kg) 205 lb. (93 kg) weight stack
11111 Fly/Rear Delt 69" (175 cm) W x 70" (178 cm) L x 60" (152 cm) H 705 lb. (302 kg) 305 lb. (138 kg) weight stack	11141 Prone Leg Curl, Start RLD (11040 Total RLD) 41" (104 cm) W x 79" (201 cm) L x 58" (147 cm) H 500 lb. (227 kg) 205 lb. (93 kg) weight stack
11160 Lateral Raise 64" (163 cm) W x 40" (102 cm) L x 78" (198 cm) H 513 lb. (233 kg) 205 lb. (132 kg) weight stack	11120 Calf Raise 41" (104 cm) W x 66" (167 cm) L x 58" (147 cm) H 740 lb. (336 kg) 405 lb. (184 kg) weight stack
11090 Abdominal 44" (112 cm) W x 59" (150 cm) L x 58" (147 cm) H 534 lb. (243 kg) 305 lb. (138 kg) weight stack	11181 Hip Abduction/Adduction 34" (86 cm) W x 69" (175 cm) L x 58" (147 cm) H 705 lb. (320 kg) 205 lb. (93 kg) weight stack
11070 Arm Curl 41" (104 cm) W x 58" (147 cm) L x 58" (147 cm) H 456 lb. (207 kg) 205 lb. (93 kg) weight stack	11170 Glute 41" (104 cm) W x 70" (178 cm) L x 58" (147 cm) H 515 lb. (234 kg) 305 lb. (138 kg) weight stack

# MANUFACTURING excellence



**CYBEX uses unique state-of-the-art manufacturing and testing methods along with the highest quality raw materials to deliver products that exceed industry standards.**

**Vertical Integration:** CYBEX manages the manufacturing process of our products from raw materials to shipment, allowing us greater control over the process. We are a multi-level, vertically integrated manufacturer that utilizes the latest manufacturing technologies:

- Laser Cutting
- Pulse Robotic Welding
- CNC Custom Upholstery
- CMM (Coordinate Measurement Machine)
- Mandrel Bending
- Powder Coating
- Tube Laser Technology

**Highest Quality Raw Materials:** CYBEX purchases steel and raw materials direct from the mills to support our own specifications and chemistry. This encourages the best grade and quality of materials to work with our internal manufacturing processes. The result is the highest levels of quality.

**Progressive Build to Order Manufacturing Philosophy:** CYBEX's highly automated manufacturing techniques allow for the greatest control of quality, inventory and flow. This progressive philosophy gives CYBEX industry leading flexibility and the ability to exceed the quality, customization and lead-time demands of our customers.

**Commitment to Quality:** As evidence of our commitment to produce high quality products and to continually improve the customer experience, CYBEX conforms to ISO 9001:2000 standards in it's manufacturing, design, and business processes.



*Top: Coordinate Measurement Machine (CMM)  
Above: Pulse Robot Welder  
Right: Sheet Laser*

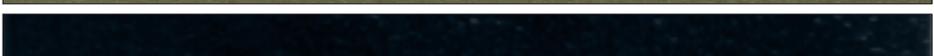


# customization

## Standard Upholstery Colors

	dove grey
	charcoal
	black
	burgundy
	navy
	hunter green
	grotto
	royal blue
	azure
	crocus
	cranberry
	american beauty red
	wheat
	suede

## Standard Frame Colors

	black chrome
	platinum sparkle
	metaltone gold
	black texture
	white texture

CYBEX individually manufactures each piece of equipment to order, providing an unmatched range of customization options. This means virtually unlimited frame and upholstery color availability to complement your facility's unique look. Whether you want your club's logo embroidered or applied on a molded decal, CYBEX is ready to combine our superior technology in customization to bring a personal touch into your facility.

Work with CYBEX to customize an Eagle line that will exceed the expectations of your facility and its members. To locate a representative nearest you, visit [www.cybexintl.com](http://www.cybexintl.com) or call 1.774.324.8000. You choose it. We make it. They love it.

# greater performance. GREATER RESULTS.

CYBEX Eagle is the premier line of strength training equipment that brings each user a new world of possibilities for their best performance ever. The Eagle line will reshape what you believe fitness equipment can do. If your members demand superior results, you need CYBEX Eagle.

#### WORLDWIDE HEADQUARTERS

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