EXERFLY

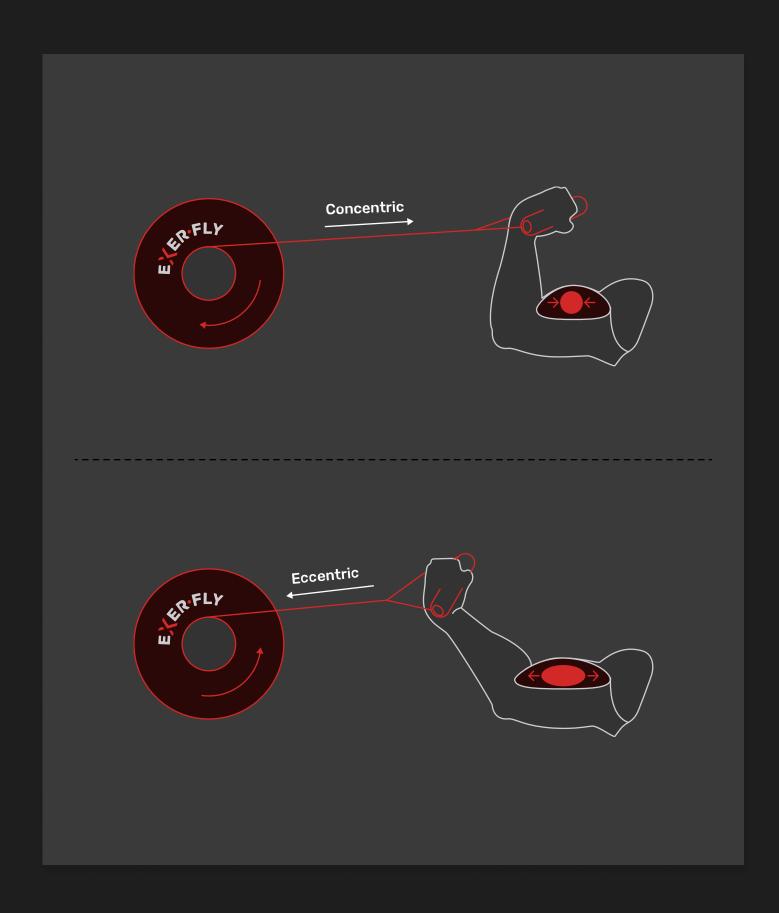
Advanced Flywheel Training Solutions



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How does Exerfly Work?

While traditional resistance training is lifted against gravity, flywheel training harnesses the power of inertia. The concept can be compared to that of a yoyo, where the harder you pull, the harder it pulls back.

Training with Exerfly provides variable resistance, allowing you to train maximally throughout every rep and the entire range of motion. Exerfly emphasizes the eccentric phase of movement, addressing the gap left by traditional resistance training. We are naturally stronger in the eccentric phase, but targeting it can be challenging and pose injury risks. Exerfly offers a safe and efficient solution for effectively focusing on eccentric training, allowing you to maximize eccentric strength while minimizing the risk of injury.

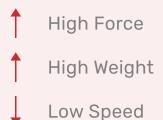
Exerfly's motorized technology offers unparalleled control on the intensity of the eccentric phase, enabling you to increase the eccentric resistance by 1-80% more than the concentric phase. This unique capability creates a true eccentric overload, a feature unmatched by any other flywheel training system on the market.

Flywheel Training vs Traditional Weight Training

With traditional weight training, the amount of resistance remains constant throughout the exercise. For example, in a bicep curl, you lift a weight from your thigh to your chest, feeling resistance as you lift. However, as you lower the weight, gravity assists you, diminishing the resistance. This reduces muscle engagement during the eccentric (lowering) phase, missing out on a critical part of the exercise.

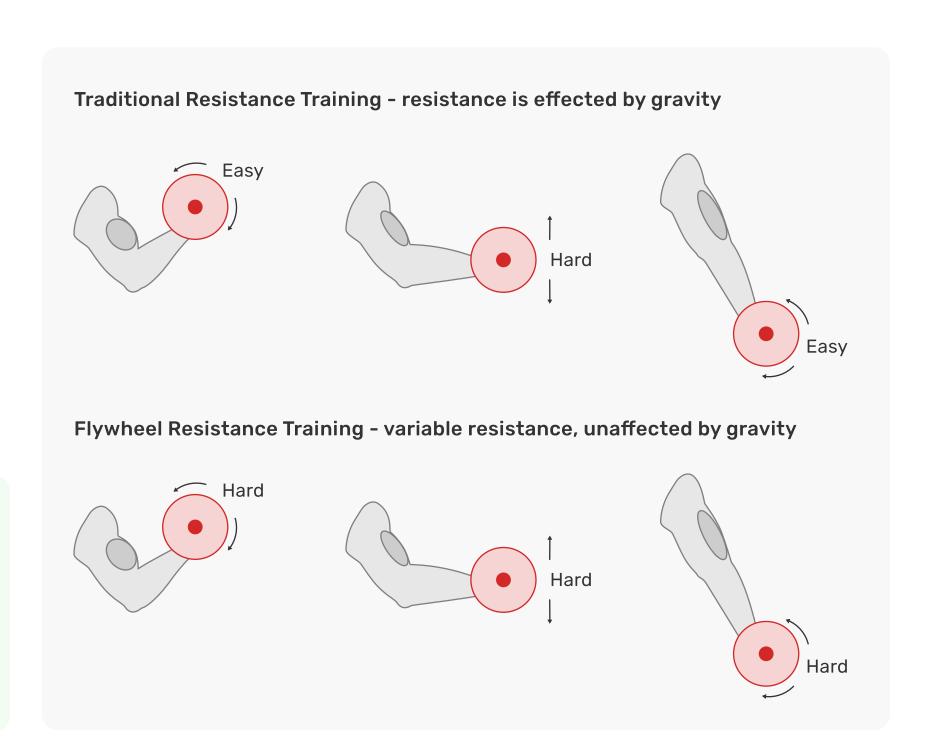
Flywheel resistance training, however, revolutionizes this process by providing variable resistance. With a flywheel, the resistance adapts to your effort. As you pull the flywheel, it stores energy and releases it as you return to the starting position, maintaining resistance throughout the entire movement. This ensures your muscles are continuously engaged, enhancing both the concentric (lifting) and eccentric (lowering) phases.

Traditional Resistance Training



Flywheel Resistance Training

High ForceHigh SpeedLow Weight



Benefits of Flywheel Resistance Training



Eccentric Training

Muscles naturally exhibit greater strength during the eccentric phase, but achieving this strength with traditional resistance training can be challenging. Flywheel training is the most efficient and effective method to fully leverage eccentric strength.



Rehabilitation

The continuous, user-defined resistance in flywheel resistance training reduces the risk of overloading muscles and joints, supports gradual strength building, and promotes proper form, all while minimizing the likelihood of re-injury.



Adapts to increasing fatigue

Variable resistance in flywheel resistance training adapts to your effort, ensuring consistent intensity throughout the workout. This leads to better muscle engagement, enhanced strength gains, and improved performance, even as you fatigue.



Safe Eccentrics

Unlike other eccentric training methods that may involve higher injury risks, complex setups, or the need for assistance, flywheel training is safe, efficient, and fully unassisted.



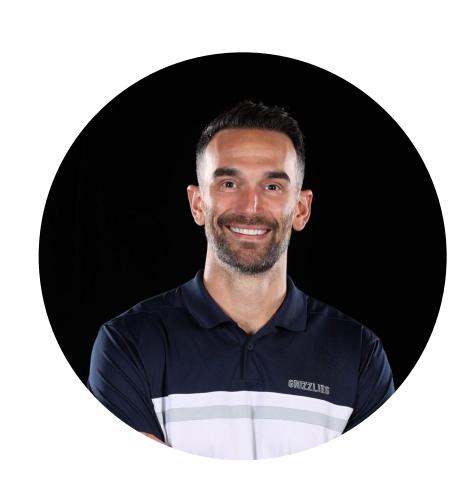
Multi-functional

Flywheel training's unique resistance makes it a versatile powerhouse for everything from maximal strength training to rehabilitation. Its ability to adapt to various exercises and goals makes it an invaluable addition to any training program.



Scientifically Backed

Flywheel resistance training is a scientifically backed method, with research supporting its ability to deliver superior results across all training areas.



Chris Chase

Director of Performance - Memphis Grizzlies

The Exerfly products will continue to be beneficial for our basketball players. The unique resistance profile can facilitate higher impulse-oriented loading at troublesome joint angles, such as deeper ranges of flexion during squatting exercises.

Traveling with the Exerfly has added immense value to our training on the road. The type of resistance provided by the flywheel is just something that is hard to mimic without the equipment itself. The Exerfly is extremely easy to set up and break down, and has stood up against the rigors of NBA travel.

Who is Exerfly for?

Sports Teams

Exerfly products enable sports teams to accurately replicate sport movements and game level force loads during training. The eccentric component of flywheel technology goes beyond traditional gravity-based training, benefiting both muscle strength and non-contractile properties. This approach develops not just stronger athletes, but more resilient ones, lowering injury rates and driving gains in strength, power, and agility.

Physio & Rehabilitation

Exerfly's user-generated resistance adapts as the user fatigues, making it a safe and effective tool for rehab purposes. Flywheel training has been proven to be particularly beneficial for rotator cuff, tendon injuries, and late stage ACL rehab.

Performance Training Facilities

Our user-generated resistance eliminates the need for constant weight adjustments, enabling seamless group training sessions that save time and space. Additionally, Exerfly's equipment boasts a smaller footprint compared to traditional gym racks and cables, making it an ideal choice for facilities looking to maximize their training area.

Exerfly's Motorized Eccentric Overload
Technology also provides a superior
training stimulus, enhancing muscle
hypertrophy, force absorption, and muscle
type conversion, ultimately optimizing
training efficiency, reducing injury risk,
and accelerating performance
improvements.



Trusted By

Our innovative flywheel training solutions are trusted by a diverse range of clients around the globe for delivering superior performance results.

































Exerfly Rack-Fly

Introducing our lightest flywheel device yet, weighing in at just 9 lbs (4 kg). The Rack-Fly easily attaches to any squat rack and features seamless height adjustability, allowing for a wide range of exercises in horizontal, rotational, and some vertical movement planes. Its compact design saves valuable gym space while delivering maximum impact. Optional Eccentric Motorized Technology, makes fast, supramaximal eccentric training with the Rack-Fly more accessible and safer than ever.





Specifications



Material

Plastic, high strength aluminum & steel



Size

13" x 12" x 5" (326 x 304 x 119 mm)



Weight

9 lbs / 4 kg (excl accessories)



Sensor / Live Data

Built-in sensor - 4,000 points p/sec. Live metrics via the Exerfly app



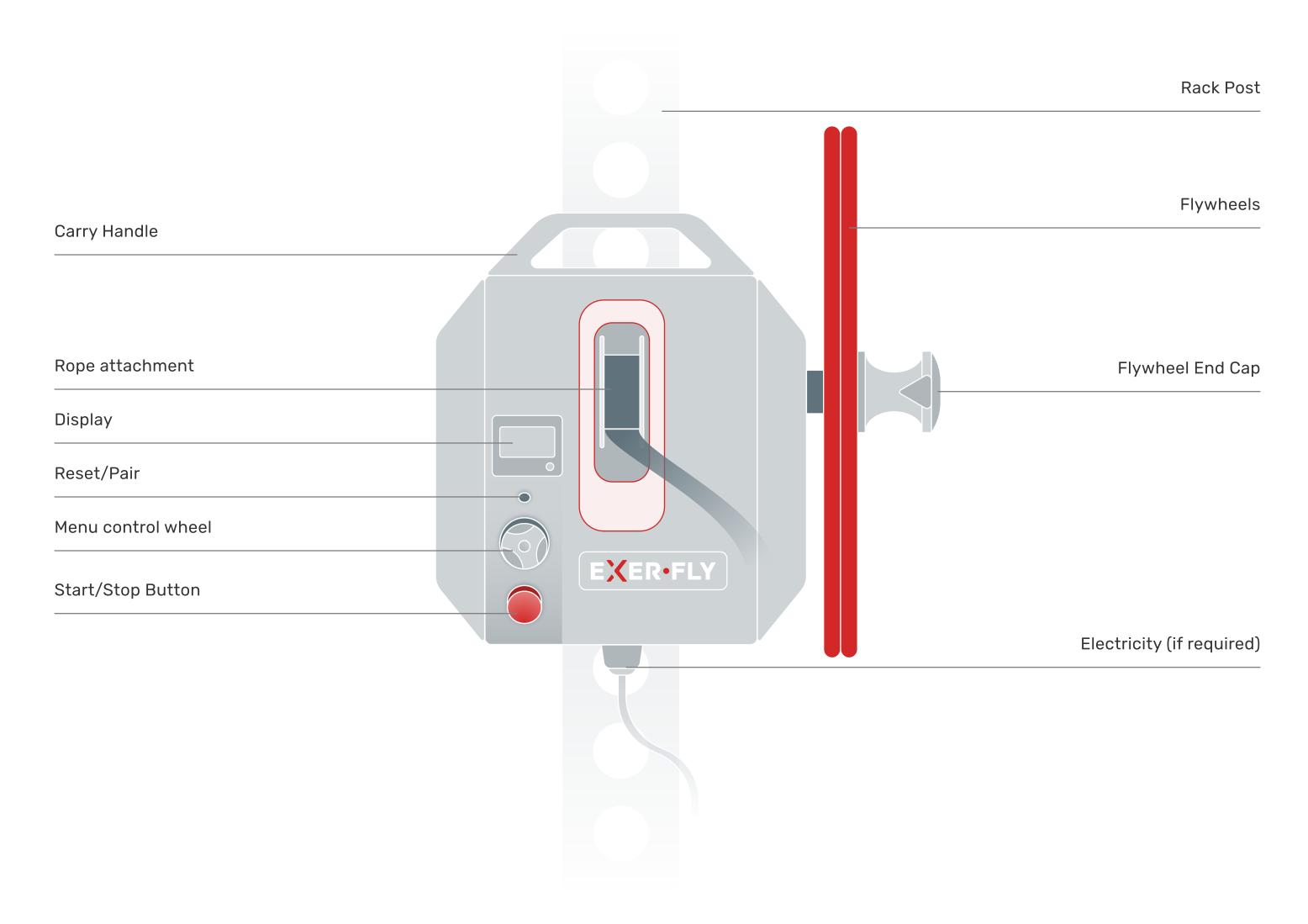
Optional Motor

Optional Motorized
Technology - Eccentric
overload of 1%-80%



Max Inertial Load

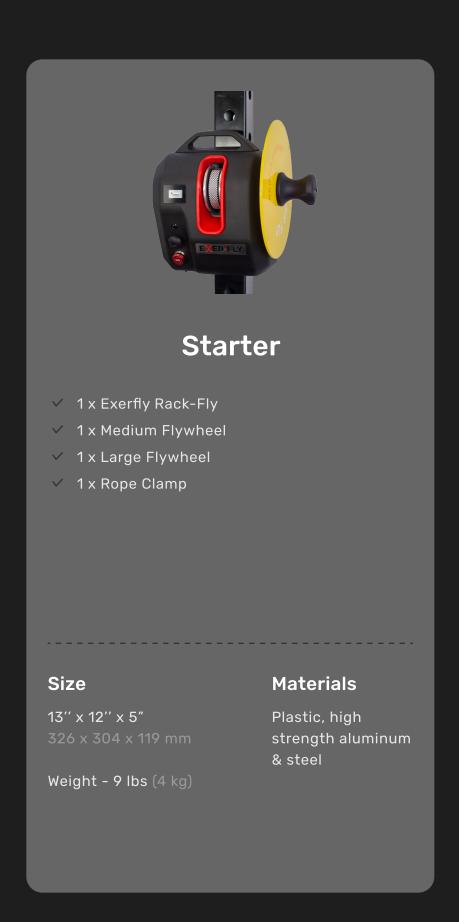
10 x 0.1kgm² flywheels = 1.0kgm²

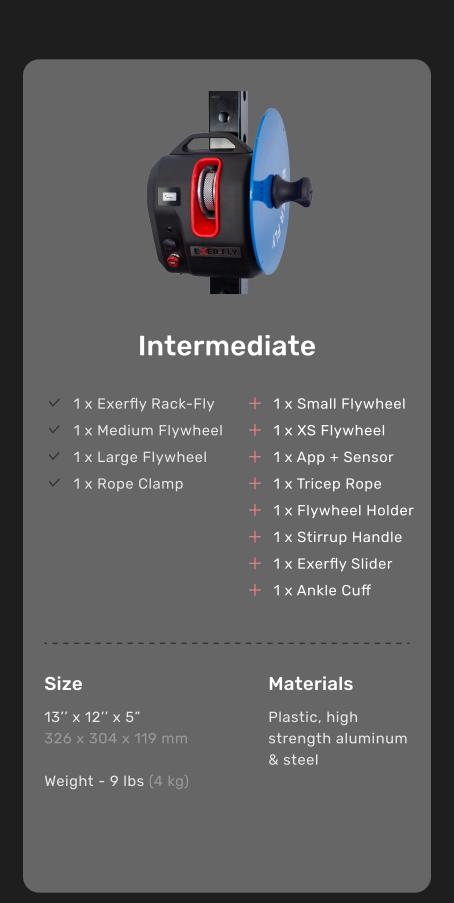


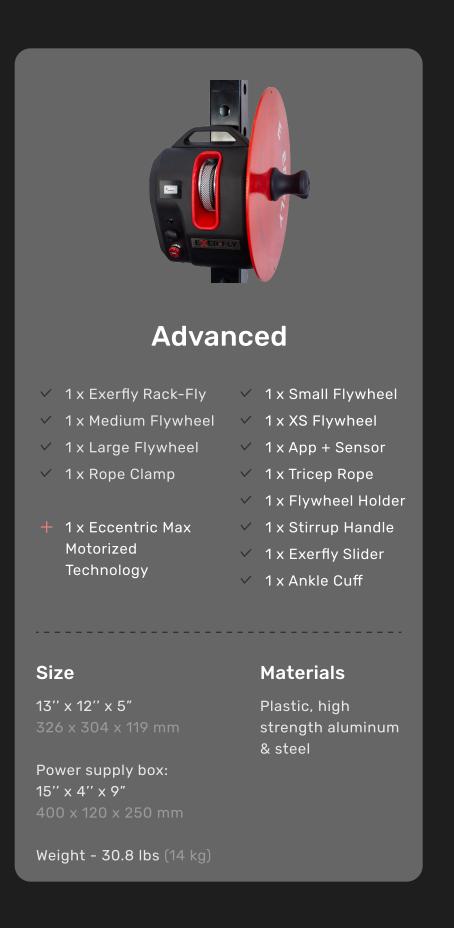
Rack-Fly

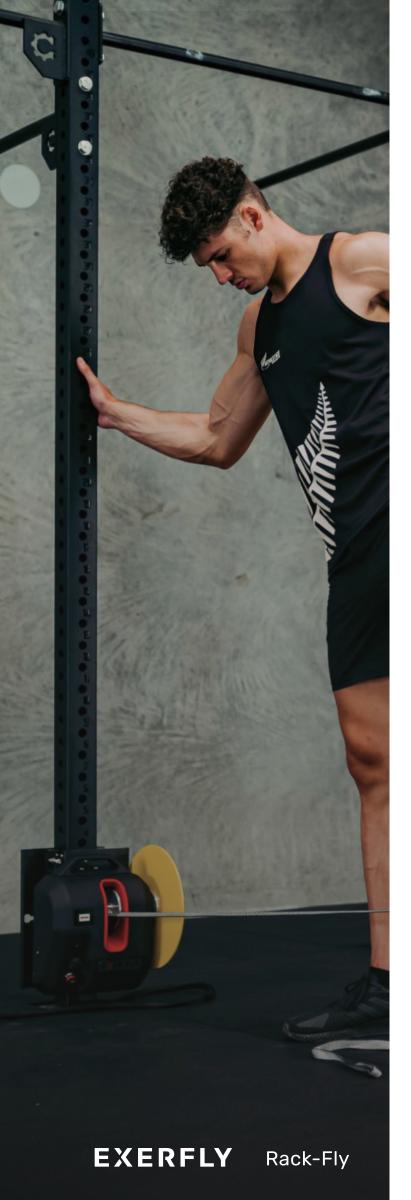
Every customer is unique, and so are our packages. Fully customizable to meet your specific goals, our offerings can be tailored just for you.

Contact us directly to start customizing your order

















Size (L x W x H)	13" x 12" x 5" (326 x 304 x 119 mm)	46" x 26" (1066mm x 660mm x 304mm)
Weight	4 kg / 9 lbs (excl accessories)	22 kg / 48.5 lbs (excl. accessories)

Weight	4 kg / 9 lbs (excl accessories)	22 kg / 48.5 lbs (excl. accessories)
Material	Plastic, High Strength Aluminum, Steel	Powder Coated Aluminum & steel
Maximum Inertial Load	Max inertial load: 10 large flywheels = 1.0kgm²	Max inertial load: 10 large flywheels = 1.0kgm²
Pulley System	Single	Single
Motorized Technology	Optional	Optional

Sensor / Live Data	Built-in sensor - 4,000 points p/sec. Live	Built-in sensor - 4,000 points p/sec. Live
	metrics via the Exerfly app	metrics via the Exerfly app



Exerfly Ultimate

The perfect balance between a heavy-duty flywheel training device and a compact, versatile piece of equipment. Designed for everything from maximal strength training to rehabilitation, the Ultimate is your all-in-one training tool.

With the optional addition of Motorized Eccentric

Overload Technology, the Ultimate allows users to safely
and efficiently achieve true eccentric overload. Its wide
platform base accommodates athletes of all sizes,
ensuring comfort and stability. Additionally, the Ultimate
is packed with features that enhance group or team
training, including digital display controls, a motor clutch,
and live performance metrics via the Exerfly app.



EXER-FLY

Specifications



Material

Aluminum & steel



Size

42" x 26" x 12" (1066 x 660 x 304 mm)



Weight

46 lbs / 21 kg (excl accessories)



Sensor / Live Data

Built-in sensor - 4,000 points p/sec. Live metrics via the Exerfly app



Optional Motor

Optional Motorized
Technology - Eccentric
overload of 1%-80%



Max Inertial Load

10 x 0.1kgm² flywheels = 1.0kgm²



Victoria Azarenka

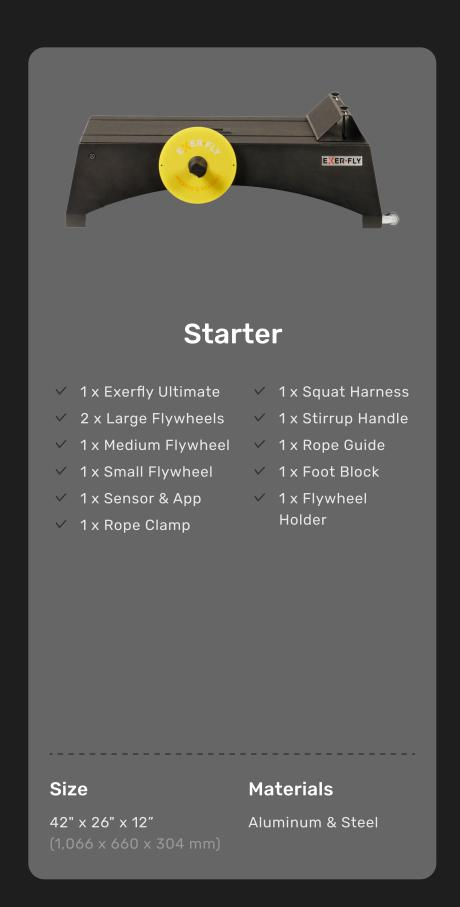
Two-time grand slam champion, Olympic Gold Medalist and the 2012 Grand Slam winner

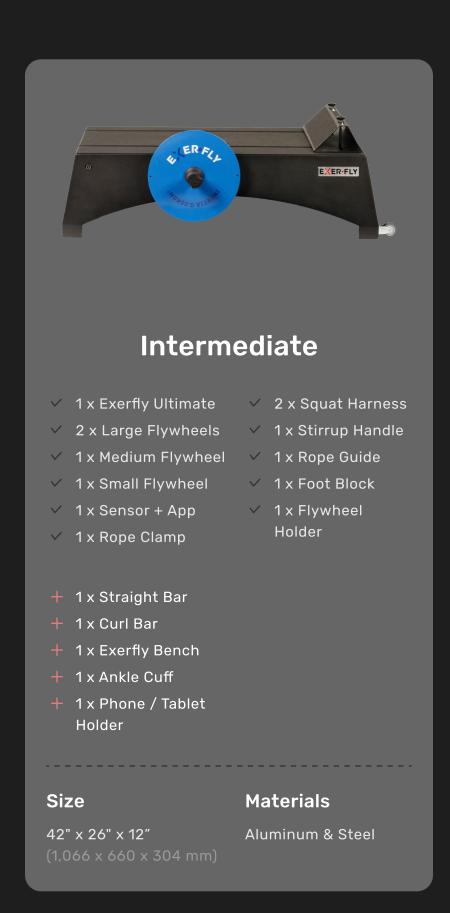
I like the ability to introduce a different way of training regimen into my schedule and routine. It gives my body a different way of adapting to load and intensity. Exerfly has increased power and endurance during strength sessions and explosiveness. Exerfly equipment has been a great addition to my strength component as well as strength endurance. Full body workouts are very challenging with limitless moderation of effort. I have enjoyed a lot for the communication and introduction to Exerfly and the expertise to get the best out of the equipment.

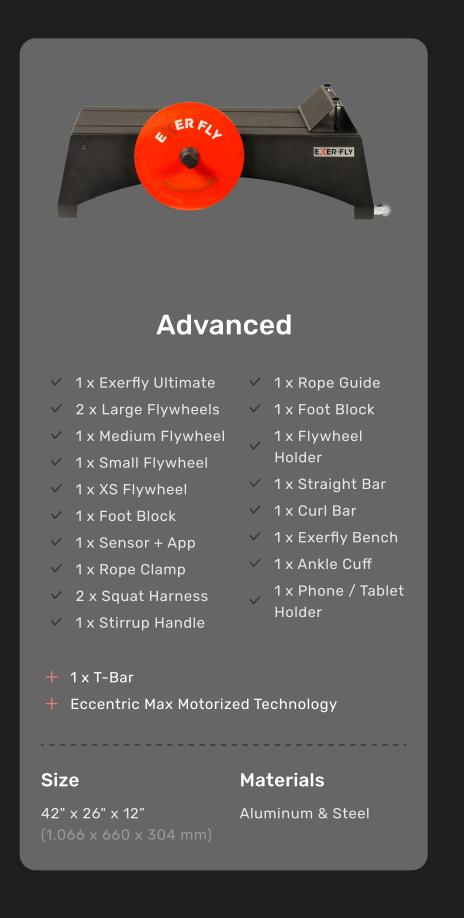
Ultimate

Every customer is unique, and so are our packages. Fully customizable to meet your specific goals, our offerings can be tailored just for you.

Contact us directly to start customizing your order









Equipment Comparison







Size (L x W x H)	13" x 12" x 5" (326 x 304 x 119 mm)	46" x 26" (1066mm x 660mm x 304mm)
Weight	9 lbs / 4 kg (excl accessories)	48.5 lbs / 22 kg (excl. accessories)
Material	Plastic, High Strength Aluminum, Steel	Powder Coated Aluminum & steel
Maximum Inertial Load	Max inertial load: 10 large flywheels = 1.0kgm²	Max inertial load: 10 large flywheels = 1.0kgm²
Pulley System	Single	Single
Motorized Technology	Optional	Optional
Sensor / Live Data	Built-in sensor - 4,000 points p/sec. Live metrics via the Exerfly app	Built-in sensor - 4,000 points p/sec. Live metrics via the Exerfly app

Motorized Technology

Our industry-leading motorized technology allows for supra-maximal eccentric training with a customized overload of 1-80%. Now athletes can take their training to whole new levels unachievable with traditional weights, or traditional flywheel training alone.

1-80% Eccentric Overload

1% 80%



How does the Motorized Technology work?

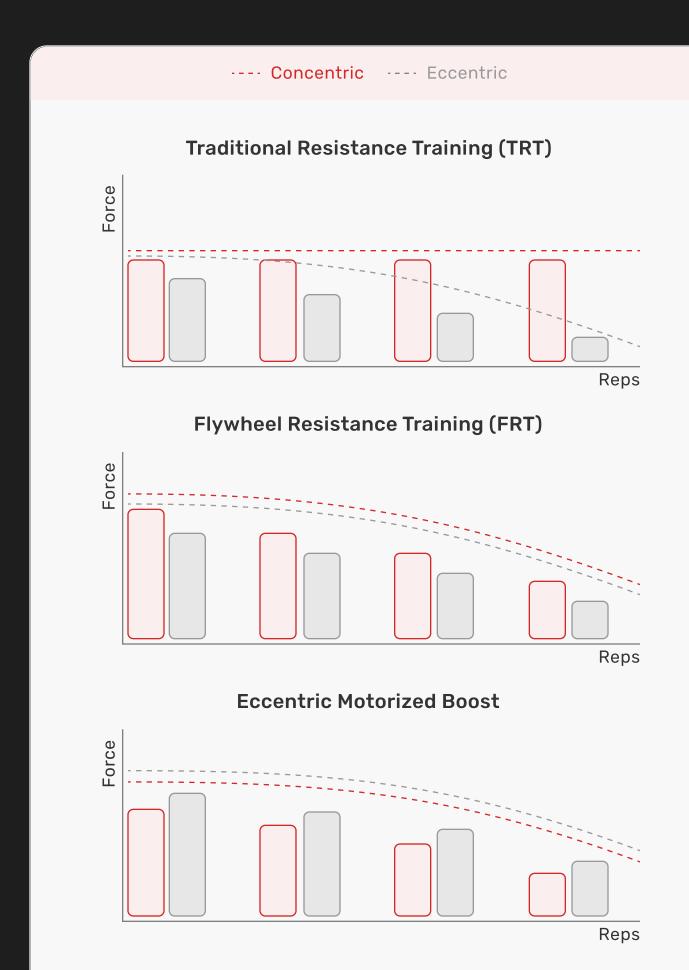
Using the Exerfly App or manual controls on the equipment, users can set the desired level of eccentric overload from 1% to 80%. During the eccentric phase, the motor adds this additional percentage to the resistance based on the effort applied during the concentric phase.

For example, if the Eccentric Overload Boost is set to 20%, the motor will add 20% more resistance in the eccentric phase than the user exerted in the concentric phase, resulting in a true eccentric overload.



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EXERFLY Eccentric Max



Traditional Resistance Training

The concentric resistance remains constant throughout the exercise, while the eccentric phase is less challenging due to the assistance from gravity.

Flywheel Resistance Training

In contrast, flywheel resistance training offers continuous resistance both on the way up and down, stimulating the eccentric phase. Users control the resistance by adjusting the flywheel inertia and their concentric force output.

Motorized Technology

Exerfly's motorized boost enhances traditional flywheel resistance training by providing true eccentric overload for each rep. The motor boosts the eccentric phase based on the chosen percentage and the user's concentric output, ensuring a safe and efficient way to achieve fast eccentric overload.

EXERFLY Eccentric Max



Exerfly App

Exerfly equipment is equipped with an advanced sensor that captures data 4,000 times per second, enabling you to monitor performance metrics in real-time via the Exerfly App. With Bluetooth connectivity, you can set workout targets, control motorized functions, and share your workout data seamlessly.





Performance Metrics

- Mean Velocity: measured in meters per second (m/s), is the average velocity for the entire concentric portion of the lift.
- Mean Acceleration: measured in meters per second squared (m/s²), refers to the average rate of change of velocity over a set period.
- Mean Torque: measured in Newton Meters (N·m), refers to the average
 rotational force applied to the flywheel
 during each rep.
- Mean Tangential Force: measured in Newtons (N), refers to the average force applied perpendicular to the radius of the flywheel.
- Mean Linear Force: measured in Newtons
 (N), refers to the average force exerted in
 a straight line along the direction of the
 tether used to spin the flywheel.
- Mean Net Force: measured in Newtons
 (N), represents the average of all of the forces which contribute to the movement of the flywheel, accounting for both the concentric and eccentric forces.

Workout Targets

Option to set a workout target from the following options or none (default):

Minimum Threshold: Sets a predetermined threshold in which an athlete should attempt to supersede the threshold on each repetition (i.e., velocity above .75 m/s).

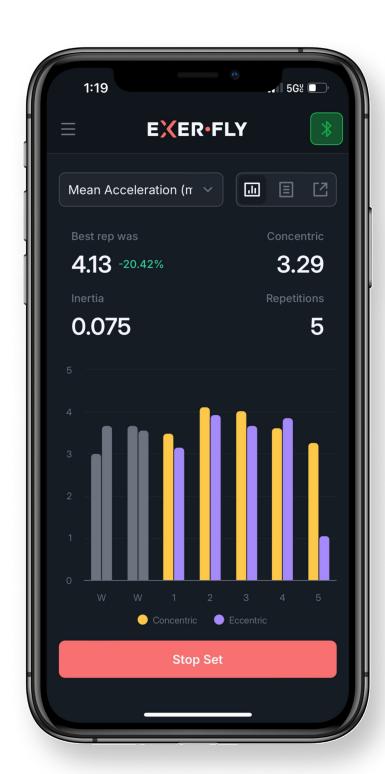
Zone: Sets a predetermined zone which an athlete should attempt to stay within the zone on each repetition (i.e., velocity between .50 - .75 m/s).

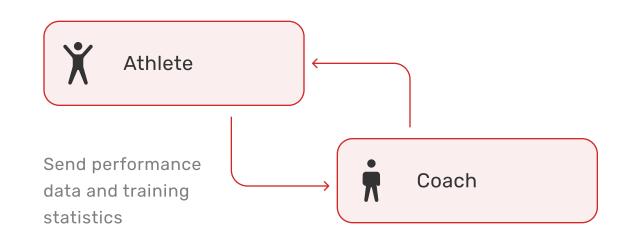
Fatigue Loss: Sets a predetermined threshold (either absolute or %) based off of the athlete's best repetition of a set (i.e., 5% velocity loss).

Motorized Tech Controls

Seamlessly adjust the Eccentric Motor controls through the app, increasing or decreasing the overload percentage.

Users can implement the windup function, which provides a countdown and automatically winds in the rope before starting an exercise with the motor engaged.







Accessories

Our premium range of accessories is designed to seamlessly integrate with your Exerfly equipment. Each accessory is engineered with durability at the forefront, ensuring you can push your limits safely and with confidence. Understanding that no athlete is the same, we offer various sizes for our squat harnesses and belts, with the option for custom sizing.





Flywheels

Compatible with:

ULTIMATE RACK-FLY

Our wide range of Flywheels covers all training goals, from rehabilitation to maximal strength training. Made from high-grade steel, our flywheels are designed to stand the test of time. High inertia flywheels are harder to spin and commonly used for strength and power training. Lower inertia flywheels are easier to spin and are ideal for fast eccentric training and controlled rehabilitation exercises.

Red flywheel (L) = 0.1kgm² inertia

Blue flywheel (M) = 0.05kgm² inertia

Yellow flywheel (S) = 0.025kgm² inertia

Light blue flywheel (XS) = 0.01kgm² inertia

Grey flywheel (XXS) = 0.00625kgm² inertia



Rope Clamp

Compatible with:

ULTIMATE RACK-FLY

The Rope Clamp is a high-performance accessory designed to eliminate slippage on the rope between you and the flywheel, even under high force. The greater the force applied, the tighter it grips the rope. Custommade from Aluminum Alloy EN AW-5083-H22 and steel, the Rope Clamp supports a safe working load of 6kN (1,322 lbs, 600 kg).



Squat Harness

Compatible with:

ULTIMATE

The Exerfly Squat Harness is designed for use with the Exerfly Ultimate, providing users with the confidence to tackle squats, lateral squats, Bulgarian split squats, and more. It evenly distributes the load across the shoulders and lower back, ensuring maximum comfort and ergonomics. Available in small, small/medium, and medium/large sizes, or fully customizable upon request.



Squat Belt

Compatible with:

ULTIMATE

The Squat Belt is designed to shift more load emphasis onto the hips during lower body exercises such as squats and split squats.

Crafted with high-strength seat belt webbing and air mesh padding, it provides both durability and comfort.



Exerfly Bench

Compatible with:

ULTIMATE

The Bench attaches to the Exerfly Ultimate, enabling a more diverse range of exercises, including hip thrusts, Bulgarian split squats, leg extensions, and more. Its adjustable position on the Ultimate allows you to tailor the Bench to your desired exercise, providing flexibility and variety in your workouts.



Foot Block

Compatible with:

ULTIMATE

The Foot Block attaches to the Exerfly
Ultimate, enabling users to perform lateral leg
exercises and elevate the feet in squats and
calf raises. It can be fitted to the Ultimate in
numerous positions and angles, offering the
versatility to suit a wide range of exercises.



T-Bar

Compatible with:

ULTIMATE

The T-Bar attaches to the Exerfly Ultimate, providing essential balance support during exercises. Ideal for lunges, squats, and other movements where stability is key, this accessory offers a secure hold, allowing you to focus on your form and performance.



Rope Guide

Compatible with:

ULTIMATE

The Rope Guide allows users to adjust the plane of movement from vertical to horizontal and rotational while protecting the rope. This enables a variety of exercises such as lateral squats, seated rows, and wood chops.



Ankle Cuff

Compatible with:

ULTIMATE RACK-FLY

Designed for leg exercises, the Ankle Cuff can be attached to the ankle or below the knee to target the glutes, hips, hamstrings, and quads. Made with seat belt webbing, air mesh, and high strength velcro.



Lightweight Straight Bar

Compatible with:

ULTIMATE RACK-FLY

The stainless steel Straight Bar is a lightweight, 23.6" (600 mm) long bar weighing just 1.6 lbs (750 g). Ideal for deadlifts, bentover rows, shrugs, and hip thrusts.



Rack Attach Plate

Compatible with:

RACK-FLY

The Exerfly Rack Attach Plate fits between the rack upright in your gym and the Rack-Fly, enabling quick height adjustments and effortless attaching or detaching of the Rack-Fly. Designed to fit on all gym racks.



Stirrup Handle

Compatible with:

ULTIMATE RACK-FLY

A staple for both push and pull upper body exercises. Designed for a reliable and comfortable grip.



Rotational Sling

Compatible with:

RACK-FLY

The Rotational Sling is a versatile training device designed to enable rotational exercises using the Rack-Fly. It is particularly beneficial for sports involving rotational movements, such as tennis, boxing, golf, and more.



Exerfly Slider

Compatible with:

RACK-FLY

The Exerfly Slider is an adjustable mounting bracket designed to attach to any gym rack, allowing users to quickly and easily adjust the height of the Rack-Fly. It fits all gym rack uprights from 2" x 2" to 4" x 4" (50 mm x 50 mm to 100 mm x 100 mm), including all combinations in between, whether square or rectangular.



Tricep Rope

Compatible with:

ULTIMATE RACK-FLY

Perfect for exercises that target the triceps, biceps, and shoulders. Made from durable materials, ensuring a reliable grip for a variety of exercises.



Tablet / Phone Holder

Compatible with:

ULTIMATE

The Tablet/Phone Holder attaches to the Exerfly Ultimate, making it easy for users to control the app and view their live feedback on their tablet or phone while during a set. The flexible pole is easily adjusted to suit the user's position and accommodates all tablet and phone sizes.



Ultimate Extension

Compatible with:

ULTIMATE

The Extension attaches to the left side of the Ultimate, adding extra surface area to the Ultimate base. It is especially useful for taller users or for wide base exercises such as sumo deadlifts.



Curl Bar

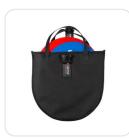
Compatible with:

ULTIMATE RACK-FLY

The stainless steel Curl Bar is ideal for exercises like high pulls, tricep extensions and curls. Angled for a natural grip to help reduce strain on the wrists and forearms.



Accessories



Flywheel Bag

Compatible with:

ULTIMATE RACK-FLY

The Flywheel Bag, crafted from durable polyester, is your ideal travel companion for easily transporting flywheels.



Rope

Compatible with:

ULTIMATE RACK-FLY

Exerfly's standard rope is engineered for high tension and low abrasion. Constructed with Nylon and Dyneema, it boasts a robust 6,000 lbs (3,000 kg) breaking point.



Flywheel Holder

Compatible with:

ULTIMATE RACK-FLY

A compact floor storage stand designed specifically for your Exerfly flywheels, the Flywheel Holder keeps your flywheels stored neatly and easily accessible. Made with plastic-coated steel, it ensures your flywheels remain in excellent condition while providing a durable and organized storage solution.



Carabiner

Compatible with:

ULTIMATE RACK-FLY

Stainless steel, fits any accessory.



Accessory Rack

Compatible with:

ULTIMATE RACK-FLY

Designed to organize and store your Exerfly accessories efficiently. The Accessories Rack is equipped with wheels for easy mobility and ample space for many other accessories.

Available in small and large sizes, the small rack holds up to 6 flywheels, while the large rack accommodates up to 10.



Exerfly Customer Assurance

Free Shipping

All Exerfly equipment packages include free shipping and paid import taxes.

Money-back Guarantee

If you're not completely satisfied, enjoy piece of mind with a 30-day money-back guarantee on all Exerfly products. T's & C's apply.

2 Year Product Warranty

We also offer a 30-day money back guarantee, and a 2-year warranty on all our products.

- ✓ Visa
- Mastercard
- American Express
- ✓ Bank Transfer
- Apple Pay
- Google Pay
- ✓ PayPal
- ✓ SplitIt



30 days

Money-back guarantee



2 years

Warranty



Free

Shipping and taxes



NO CREDIT CHECKS

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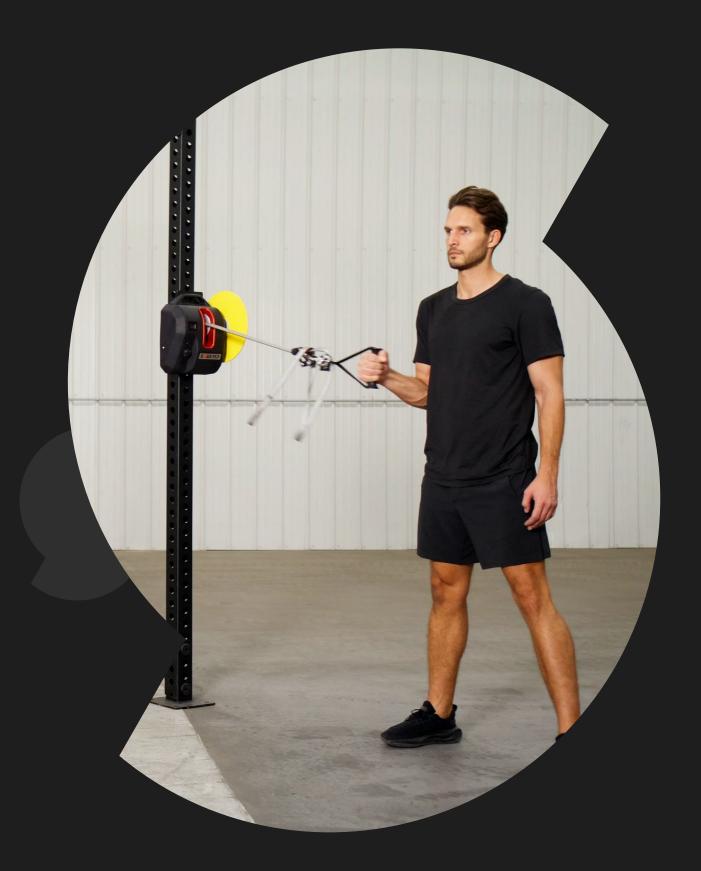


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24/7 Support

We offer 24/7 contact and support across the globe. Get in touch with us via phone, web inquiry, or email.

Applied Sport Scientists

Our team of experienced Applied Sport
Scientists is ready to assist you with any
needs you may have. Simply contact your
local Exerfly representative to access
prompt and personalized support.



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Thank you

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MAXIMIZING MOVEMENT