

# VOLLEYBALL TRAINING MACHINES



## NEW 3-WHEEL MACHINE

### More Spins

The new Total Attack was designed under the direction of top international and collegiate coaches to provide sidespin and increased power to match the highest level of play. Speeds range up to 90 MPH providing power equal to the best of jump serves. Delivering breaking sidespin serves at exclusive professional speeds as well as top spins and floaters make this machine unmatched for top-level serve receive repetition.

### More Power

This unit makes change of spin and speed quickly with a turn of dials, minimizing receiver anticipation. The extra-large rolling wheels provide effortless, safe machine mobility to any location on the court. The extra-wide base provides stability to accommodate power and breaking serves while maintaining the ability to roll through any standard 3' door.

### More Versatile

The three-wheel design changes the ball delivery plane by simply adjusting wheel speed dials. The elevation adjustment handle will raise or lower the delivery. With a simple turn, you can even move the delivery up or down between throws. This machine can be easily rolled along the serving baseline, changing the angle of serves and providing the highest serve release point of any machine.

While having many improved features, the Total Attack retains all of the quality and features of the two-wheel Attack machines. This means that accuracy and repeatability are assured in every drill, eliminating time-wasting errant hits. Each throwing wheel is shaped to grip the ball with even pressure across a wide 4" span, eliminating wear and tear on the ball.

### More Realistic

The locating pins instantly position the throwing head to men's net height or down to setting position. The Total Attack provides actual angles from over the net and top speeds to make real game conditions a part of every digging drill. It further gives you rapid reps with varying intervals for any setting drill. Horizontal throwing head movement allows for pointing in any direction, working straight on, in the seams or to an individual's weak side to really extend any player's range. Vertical movement coupled with the horizontal movement, means the Total Attack can instantly throw the ball to any point on the court with any spin, creating top level game situations and challenging the players to perform in progressively more difficult circumstances.





# ATTACK II



**Shock Absorber Cord**  
Counter-balance cord allows the throwing head to be raised and lowered easily

**Safety Chain**  
Encloses operator on platform for safe operation

**Platform**  
Allows the operator to feed machine in its highest profile for serving and attacking drills (digging)

**Casters**  
Large, non-marking casters increase mobility on the court

**Two 4" Wide Contoured Wheels**  
Soft white polyurethane ball throwing wheels

**Vertical Control**  
Raises and lowers trajectory of the ball

**Control Panel**  
Speed dials allow operator to select speed, spin or no-spin (floaters)

**Horizontal Control**  
Allows the machine to pivot from side to side instantly, covering the entire width of the court

**New Spring Loaded Elevation Handle**  
Raises and lowers ball release point for serving, digging or setting drills

# ATTACK

**Location Handle**  
Allows operator to place the ball instantly to any location on the court

**Wheel Guard**  
Protects operator

**Ball Bags**  
Provide easily accessible balls for rapid repetition of drills (sold separately)

**New Locating Pins**  
Instantly position throwing head into serving or setting positions

The Attack Volleyball Machine shares all of the key features of the Attack II with the addition of a higher release point and increased speed to accommodate the requirements of the men's game.

## Exceptional Quality

- Total Attack. Attack and Attack II platforms are 16-gauge diamond plate, non-slip surface for sure-footing and safety during use.
- The frames of the Total Attack, Attack and Attack II are powder-coated, rust-resistant steel tubing for extreme durability.
- The extra-wide base of the Total Attack, Attack and Attack II assures real stability. As the throwing head is raised, it moves towards center of gravity, further insuring stability.
- Ball wear is extremely limited due to the new soft white polyurethane ball gripping surfaces and the convex contoured shape of the ball throwing wheels that uniformly distribute the contact forces, eliminating the high wear contact points.
- Powerful variable speed motors directly drive indestructible ball throwing wheels. Rapid recovery provides rapid repetition, no waiting for air-powered launch system to recharge.





The Skill Attack is the perfect individual training tool with a ball release point of over 5', not from floor level like other volleyball machines.

This small agile unit can easily and quickly be rolled anywhere on the court or in your backyard or garage. It offers a full range of spins to deliver every type of drill including serves with either sharp downspins or breaking floaters; accurate and consistent soft sets with no spin at any angle and height; and digging drills from the same side of the net with power and accuracy.

This unit will break down instantly for easy transportation, it will fit in the trunk of any car.



**Ball Feed Basket**  
Provides consistent ball delivery and serves as a handle so the operator can place the ball instantly to any location on the court

**Wheel Guard**  
Protects operator

**Vertical Control Handle**  
Raises and lowers trajectory of the ball

**Control Panel**  
Speed dials allow operators to select speed, spin or no-spin (floaters)

**Horizontal Control Handle**  
Allows the machine to pivot from side to side instantly, covering the entire width of the court

**Tripod**  
Three legs form extremely stable base

**Telescoping Legs**  
Provides easy transporting and storage of unit

**Casters**  
Locking, non-marking casters increase mobility during use



## Features of Distinction

	TOTAL ATTACK	ATTACK	ATTACK II	SKILL ATTACK
BALL RELEASE POINT RANGE	6' to 9'-6" (men's net)	6' to 9'-3" (men's net)	5'-6" to 8'-6" (women's net)	5'-3"
SERVING SPEEDS	90+ MPH	80+ MPH	70 MPH	40 MPH
SPIKING	Over Men's & Women's net	Over Men's & Women's net	Over Women's net	From same side of net
SETTING	Yes	Yes	Yes	Yes
SPIN	Side spins to floaters	Top spins to floaters	Top spins to floaters	Top spins to floaters
LOCATION CONTROL	Instant	Instant	Instant	Instant
PORTABILITY	Fits through standard doorway & into any standard size SUV or pick-up	Fits through standard doorway & into any standard size SUV or pick-up	Fits through standard doorway & into any standard size SUV or pick-up	Breaks-down to fit in the trunk of any size car
THROWING WHEEL DIAMETER	10" diameter, 4" wide	10" diameter, 4" wide	10" diameter, 4" wide	5" diameter
DIMENSIONS	36" wide at widest point but configured to easily fit through a 3' door x 83"-124" tall (depending on head position) x 53" deep with or without throwing head	24" wide x 83"-124" tall (depending on head position) x 50" deep (45" without throwing head)	24" wide x 83"-124" tall (depending on head position) x 50" deep (45" without throwing head)	36" wide x 72" tall x 40" deep
PLATFORM HEIGHT	37.5"	36"	24"	24"
ELECTRICAL	110V & 220/240V models	110V & 220/240V models	110V & 220/240V models	110V & 220/240V models



# VOLEYBALL

## TRAINING MACHINES

“The Total Attack machine has been an invaluable tool for the training of our men’s volleyball team. At our level, wins and losses are often determined by how well you deal with tough jump serves. Not only do they come at you at 60+ mph but with spins that make the ball curve left or right. The Total Attack Machine is our answer. With its advanced head, we are able to give our passers a lot of different looks. We use it several times a week to give our players the reps that they need without wearing out their arms. A terrific product!” **JOHN KOSTY** UNIVERSITY HEAD MEN’S VOLLEYBALL COACH

### The Wheel Advantage

The Attack machines utilize wheels to propel the volleyball, not air to “launch” or “toss” it. Wheels are by far the most efficient, most used method of providing ball control, spin, speed and trajectory, and are commonly used on baseball, softball, football, soccer and tennis machines.

FUNCTION	SPORTS ATTACK WHEEL-PROPELLED MACHINES	AIR-PROPELLED MACHINES
MACHINE PERFORMANCE	Throwing head pivots easily delivering ball to any location on the court. Spin, speed and tempo can be adjusted instantly between throws.	More difficult to place ball, must move the entire machine to introduce variation. Air propelled arm will not impart a spin on ball.
RELEASE POINT	Realistic - elevates from 5' to well above men's net, over 9' 3".	Pivots up to only 6' (well below both men's and women's net height).
SPEED	Sets to 80 MPH jump serves & everything in between. (Higher release point enables top speeds as ball trajectory does not have to arc to clear net height.)	Sets, tosses and claims “hard” spikes and serves, but no actual speed is stated. (Lower release point requires ball to arc in order to clear net height.)
DURABILITY	Few moving parts, heavy duty welded powder-coated steel frame.	Complicated air pressure system installed in metal frame encapsulated in a plastic shell.
FEEDING & TEMPO	Coach can control tempo by feeding continuously or delaying. No recovery time is ever needed. The speed, angle and spin are instantly controlled by the coach with each serve, set or spike.	Air-propelled machine can be set to toss up to 1100 balls per hour (one ball every 3.28 seconds). However, recovery time is necessary after rapid fire of 8 –10 balls.
BALL USE & WEAR	Design includes specialized throwing wheels that are shaped to grip the ball with even pressure across a wide 4" span to increase velocity and minimize ball wear.	No specific ball required.
DIGGING	Total Attack, the Attack & Attack II has a ball release point from above the net, a true downward trajectory at high speeds, providing unmatched spike simulation with realistic reaction time for the ultimate digging drills.	Not capable of delivering a true spike over a regulation net. Spike drill must be performed from same side of net, below net height, severely limiting ball travel distance & player's reaction time.
SERVING	Up to jump serve speeds and release point, breaking top spins and floaters, Total Attack delivers side spins.	No spin limits serve to a simple floater. Low release point requires an arc to clear net & slower speeds to keep in court.
VISIBILITY	Can see the ball from feed to delivery, providing a true sense of timing. True visual timing has to be based on ball movement.	Player's timing must be based on a small light seen from across the court and an unrealistic “buzzer.”

# VOLLEYBALL TRAINING MACHINES

## Unique Features of Sports Attack Volleyball Machines

- **Precise Repetition Training:** Our full line of volleyball machines will deliver thousands of reps in daily practice of serve receiving, digging and spiking. Accuracy and repeatability are assured in every drill, eliminating time wasting errant hits.
- **Serving:** A full range of spins is provided by all machines, throwing both sharp topspins and breaking floaters to simulate match situations. The 3-wheel Total Attack will provide the hard-to-replicate side spin serve. The machines can also be easily rolled along the serving baseline, changing the angle of serves. The Total Attack, Attack and Attack II provide a realistic serve release point and can deliver a jump serve at international level speeds and quality.
- **Spiking:** The Total Attack, Attack and Attack II provide actual angles from over the net and top speeds to make real game conditions a part of every digging drill. The Skill Attack is great for digging drills on the same side of the net.
- **Setting:** Rapid reps with varying intervals will meet the requirements of any setting drill. Accurate and consistent soft sets with no spin are provided at any angle and height. Our machines can be set to release the ball from a realistic height, not unrealistically from floor level like some competitive units.
- Horizontal throwing head movement allows the coach to point in any direction, working straight on, in the seams or to an individual's weak side to really extend any player's range. Vertical movement coupled with the horizontal movement, means the coach can instantly throw the ball to any point on

the court, creating game situations & challenging the players to perform in progressively more difficult circumstances.

- Team drill machines for all ages and skill levels, Sports Attack machines will allow coaches to improve the quality of standard drills and to create new machine drills for every phase of the game.
- **Portability:** Large locking casters provide instant mobility on the court and stability during use.
- **Storage:** All machines fit through any standard door for safe storage. The throwing head can be removed from the Total Attack, Attack & Attack II machines, allowing storage of the frame in the open gym. A machine cover is available separately and is used to protect and secure the three larger machines during storage.
- Machines can be safely operated by any assistant coach, player, student or parent. This frees the coach to be by the receiving players to teach proper mechanics effectively. No more yelling across the court.
- Thousands of college, high school, club and international teams rely on our line of volleyball machines to deliver thousands of reps in daily practice of jump serve receiving, digging, and spiking.

