

“The Hack Attack Machine has added a lot to our hitting routines. We have the ability to move the ball around the strike zone in a realistic way and adjust the pitches very easily. I feel that the biggest advantage to the Hack Attack is the improvements our team made last year in seeing the ball. We were able to hit pitchers that had a lot of movement because that is how we trained everyday. Overall it is the best pitching machine I have ever seen or used.”
 EMILY RUSSELL Head Softball Coach, Lee University



The Three Wheel Advantage

FEATURE	3-WHEEL HACK ATTACK & JR.	TWO-WHEEL MACHINES	ONE-WHEEL MACHINES
VISION	Complete Provides a realistic sense of timing	Poor	Poor
TIMING	Excellent Natural	Poor Limited vision	Poor Limited vision
ACCURACY	Excellent Three-point contact	Good Two-point contact	Fair One-point contact
BREAKING PITCH	All Quick adjustment	All Awkward - slow adjustments	Unrealistic Spin
FUNGO	Excellent Pivots instantly	Good - Fair	Poor Limited distance
SAFETY	Excellent Wheel guards protect operator	Poor Limited - no wheel guards	Poor Limited - no wheel guards
PORTABILITY	Excellent	Good	Good
BALL GRIPPING AREA	Excellent Three points of contact	Good Two points of contact	Poor One point of contact
SPIN CONTROL	Exceptional No cumbersome adjustments of throwing head	Good - Poor Must move throwing head to change pitch type	Unrealistic Excessive Spin
WHEEL DIAMETER	Excellent Pin-point accuracy and less ball wear	Good Smaller wheels increase wear	Poor Requires pinch pad, heavy ball wear
THROWING HEAD SIZE & WEIGHT	Excellent No recoil of any kind for any pitch	Good - Poor Lighter, some recoil	Poor Snubbing action causes recoil




“The Hack Attack has allowed our hitters to see just about every possible pitch, from screwballs to riseballs to dropballs and curves. Not only do the three wheels allow you better pitch selection, but setting each pitch selection is a cinch. It is a great challenge for our girls & they benefit from it greatly. We used the demo last year right before the playoffs, and we were able to make it into the elite eight! I liked it so much I bought one for this season!” **MIKE CAVEY**
 Head Softball Coach, N. Gwinnett High School

Ball Feeders



Hack Attack with Team Feeder
Junior with Solo Feeder
Team Feeder The 75 ball capacity Team Feeder will feed a softball into the Hack Attack or Junior every 6.5 seconds.
Solo Feeder Extremely portable 11 softball capacity Solo Feeder provides adjustable intervals between pitches. Feeds both the Hack Attack and Junior Hack Attack.

Softball Accessories

Softball to Baseball Conversion Kits are available for both the Hack Attack and the Junior.
Vision training: Junior Hack Attack Conversion Kit enables the Junior Hack Attack to throw 7.5" undersized balls for vision training.
 Sports Attack suggests the use of the following high quality balls for use with our machines, all available through Sports Attack:
 **Pro Nine LPM 12 ball** This 12", 6 oz. ball has a full grain optic yellow leather cover with flat seams of unbreakable Kevlar® stitching, designed for machine use. The cork and rubber center and premium gray wool wound provides great sound and distance off the bat, just like a game ball.
 **PM 12** This 12", 6 oz. optic yellow pitching machine ball is dimpled solid polyurethane, unbelievably durable. With a 48 COR and compression controlled 375 lb max., it won't dent bats.
 **OL7.5** This unique 7.5", 3.5 oz. training ball has a full grain leather cover with precision raised seams. The Kevlar® seams, cushioned cork center and premium grey wool wound make it an extremely durable practice ball for vision training of hitters or for fielding drills. Available in white and optic yellow. For use with Junior Hack Attack only.

Sports Attack also makes quality professional baseball, tennis & volleyball training equipment.

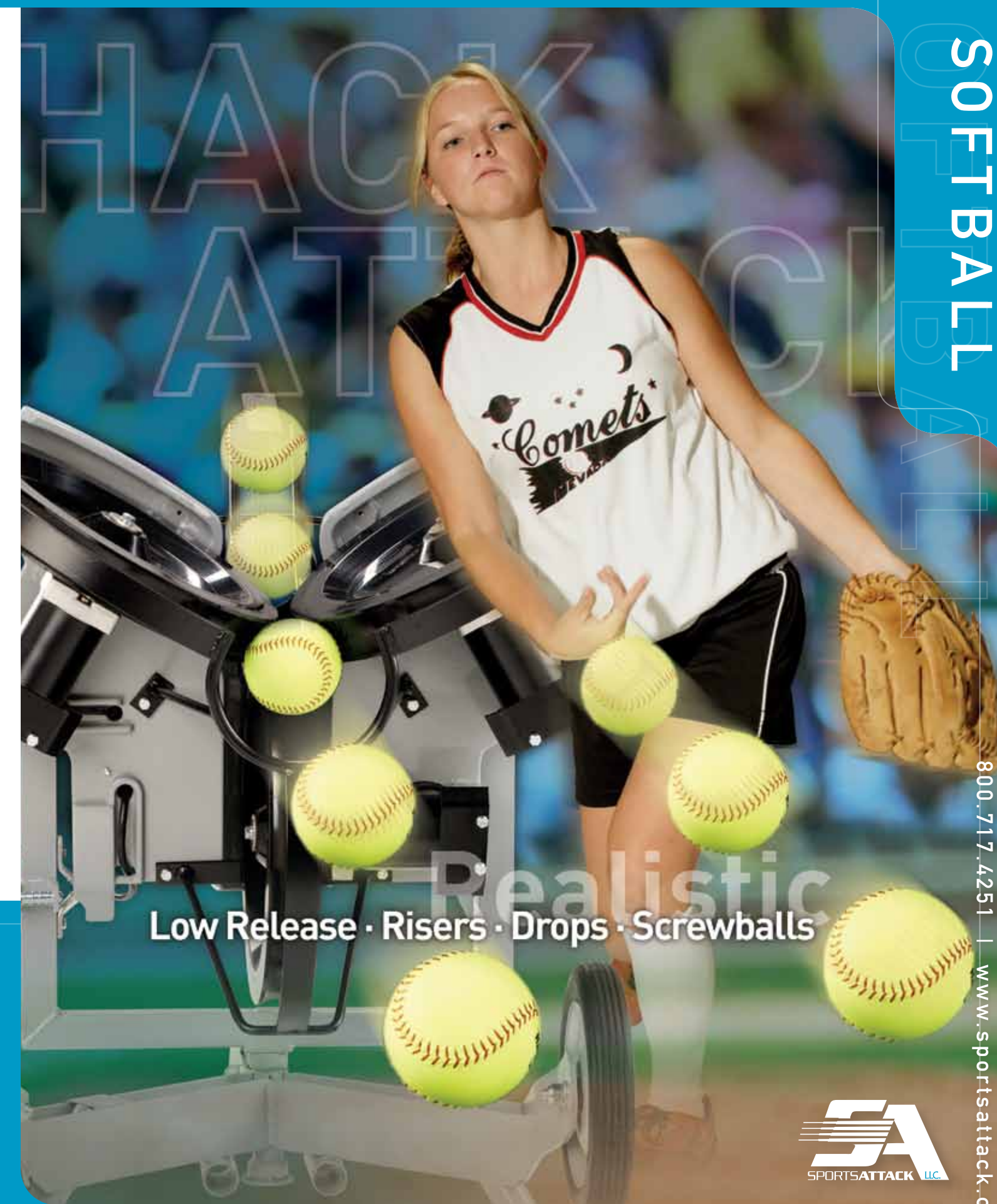


Baseball Hack Attack Ace Attack (tennis) Attack (volleyball)



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Patent Applied For



Realistic
 Low Release · Risers · Drops · Screwballs






HACK ATTACK | JUNIOR HACK ATTACK



Features of Distinction

	HACK ATTACK	JUNIOR HACK ATTACK
LEVEL OF PLAY	High School, College, Professional, and Commercial	Youth league, backyard, machine-pitch games, travel teams, drills at all levels including high school college and professional
PITCHES	Fastballs, risers, drops, right and left handed screwballs	Same as Hack Attack
FUNGO	Pivots instantly for pop-ups, fly balls, grounders	Same as Hack Attack
WEIGHT	135 lbs.	75 lbs.
TRANSPORTABILITY	Fits into any SUV or full size car, fits through standard doorway	Fits into any compact car, including a Mini Cooper
AUTOMATIC FEEDERS	Can use either Solo Feeder (11 ball) or the Team Feeder (75 ball)	Same as Hack Attack
POWER SUPPLY	110 VAC - 2000W generator with inverter technology (not included)	Same as Hack Attack
BALL TYPES	All types, including leather <i>(see accessories)</i>	Same as Hack Attack
BALL SIZES	Can be converted to baseball using conversion kit	Can be converted to baseball using conversion kit and can also be converted to use the 7.5" vision training balls <i>(see accessories for details)</i>

Unique Features

- You can see the ball clearly all the way through the underhand feeding motion, acceleration and release, just like a live pitcher.
- The hitter sees when to stride and the angle of release, giving her an actual live-arm sense of timing and location.
- With a quick turn of the dials, you can effortlessly throw fastballs, risers, drops, right- and left-handed screwballs up and into the hitters. 
- The three-wheel design changes the breaking pitch plane by simply adjusting wheel speed dials. *(All one and two-wheel units require time consuming awkward throwing head adjustments to change from risers to drops or right- to left-handed breaking pitches.)* 
- The elevation adjustment handle will raise or lower the pitch. With a simple turn, you can even move the pitch up or down within the strike zone between pitches. *(On two-wheel units it may be necessary to release a locking mechanism, reposition the entire throwing head by tilting it manually and then re-locking the locking mechanism. These are awkward time-consuming adjustments.)*
- Throwing head pivots instantly in any direction for all fungo work including deep fly balls that can drive fielders to the fence, slicing line drives, catcher's pop-ups with reverse spin, towering infield pop-ups, and grounders. 
- Makes most efficient use of practice time with limited throwing head adjustments needed and an almost instant recovery time. More strikes delivered at every practice!
- Both units quickly move on and off field, just tilt it, unsocket legs and easily roll on two transporting wheels.
- The front wheel guards insure the throwing wheels never come in contact with the ground. *(Some machines are moved using throwing wheels, picking up dangerous dirt and gravel which causes inaccuracy and wear.)*
- Both machines are designed for use with regulation leather balls, dimpled practice balls, Wiffle® balls and all softer practice balls. The Junior Hack Attack will also convert to throw a 7.5" undersized vision training ball.
- No assembly is required, both units arrive fully assembled and ready for your immediate use.

JUNIOR HACK ATTACK

The Junior Hack Attack Softball Pitching Machine is the quality training tool designed to develop serious young players. It has all of the unique features of the Hack Attack, including our patented three-wheel design that provides complete vision. In developing hitters, especially at younger ages, there is nothing more important than timing and vision.

At a level where simplicity is imperative, any change in pitch, from fastballs to risers to curves, is quickly dialed in using the three speed knobs. The new Junior Hack Attack is extremely portable and is the machine that will develop your dedicated players into the all-star they want to be.

Junior Hack Attack is the only machine that will convert quickly to throw a special 7.5" diameter vision training ball. This critical size forces centering and tracking while maintaining proper hitting mechanics. *(see accessories for ball details)*



"Our Hack Attack simulates the actual pitches we are about to face, especially the breaking pitches. We quickly set it up to match the pitcher we are going up against. For a machine that is durable, it's amazing how easy it is to operate and move. It's a real work horse."

DIANE NINEMIRE Head Softball Coach, University of California, Berkeley - 2002 National Champions

"I've used pitching machines for 40 years. Recently I took a chance and bought a Hack Attack sight unseen. It is the best purchase I ever made! Great risers, portable, easy to operate and indestructible. I junked my other machines for this one."

LEN PERKINS Head Softball Coach, Anchor Bay High School

Outstanding Performance

	HACK ATTACK	JUNIOR HACK ATTACK
SPEED	80+ MPH	60+ MPH
DISTANCE	43 feet	Same as Hack Attack
VISION	Underhanded motion and complete ball vision provides a realistic sense of timing	Same as Hack Attack
ACCURACY	The ball is gripped in three locations, providing tremendous control and accuracy	Same as Hack Attack
EFFICIENCY	Dial-in pitch selection without throwing head adjustments, maximizes practice time	Same as Hack Attack
FUNGO	250 ft. fly balls	175 ft. fly balls
PORTABILITY	Easily rolls on and off field	Same as Hack Attack
RECOVERY TIME	5 seconds, because of the three wheels, it is almost instant	Same as Hack Attack

SA Exceptional Quality

- Machines are heavy enough to absorb recoil, ensuring accuracy, yet portable and easily moved by one person.
- Tripod base insures real stability and safety on mounds or playing surfaces.
- High tensile, tough heat-treated alloy, weather-resistant aluminum casting throwing head, protects throwing mechanism.
- Rugged powder-coated rust-proof steel frame insures limitless seasons of use.
- The throwing wheels out-last all other machine wheels and don't melt in direct summer heat. Sports Attack has never replaced a wheel from wear or heat exposure.
- Three powerful variable speed motors drive three indestructible concave 13" throwing wheels. Almost instant recovery.