



BASEBALL

PITCHING MACHINES

Realistic

Vision Motion Timing



HACK ATTACK™

JUNIOR HACK ATTACK™

eHACK ATTACK™ ELECTRONIC

HACK ATTACK BASEBALL PITCHING MACHINE



Patent No. US 8,001,954,B2

Exceptional Quality

- Machines are heavy enough to absorb recoil, ensuring accuracy, yet portable and easily moved by one person.
- Extra wide 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 14" throwing wheels. Almost instant recovery.

Features of Distinction

	HACK ATTACK	JUNIOR HACK ATTACK
LEVEL OF PLAY	High school, college, professional, and commercial sports facilities	Youth league, backyard, machine-pitch games, travel teams, drills at all levels including high school college and professional
PITCHES	Fastballs, curves, sliders, split fingers & knuckle	Same as Hack Attack
FUNGO	Pivots instantly for pop-ups, fly balls, grounders and catcher's pop-ups	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 car, including a compact car
AUTOMATIC FEEDERS	Can use either Solo Feeder (15 ball) or the Team Feeder (150 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 (no synthetics)	Same as Hack Attack plus 7.5" training ball
BALL SIZES	Can be converted to softball using conversion kit	Can be converted to softball using conversion kit and can also be converted to use the 7.5" diameter vision training balls <i>(see accessories)</i>

"My coaches used to resist using pitching machines and relied on using live throwing arms. However, the Hack Attack is a great training tool for our hitters and catchers. The Hack Attack is as good as live pitching with its vision and timing. It throws accurate breaking pitches, it's indestructible and it's easy to operate and move. We use the Hack Attack in our practices and camps year round." **PAUL MAINIERI** HEAD BASEBALL COACH, NOTRE DAME UNIVERSITY

Unique Features

- You can see the ball clearly all the way through the feeding motion, acceleration and release, just like a live pitcher.
- The hitter sees when to stride and the angle of release, giving him an actual live-arm sense of timing and location.
- With a quick turn of the dials, you can effortlessly throw major league fastballs, and right- and left-handed breaking pitches including curveballs, sliders and split fingers.
- The three-wheel design changes the breaking pitch plane by simply adjusting wheel speed dials.
- 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.)*



Throwing Wheel Dials

- 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.
- The elevation adjustment handle **A** 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.
- Hack Attack and the Junior Hack Attack includes an inside/outside adjustment **B** that provides instant location change, giving the machines a whole new dimension.
- Quickly release fungo pivot control handle **C** to pivot 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.
- No assembly is required, both units arrive fully assembled and ready for your immediate use.



JUNIOR HACK ATTACK BASEBALL PITCHING MACHINE



Front Wheel Guards
Protects throwing wheels from balls driven back into machine and during set-up, transporting and storage

Throwing Head
Mass eliminates recoil, ensuring repeatability

Pitch Selection Chart
Dial locations for the right & left hand curveballs, split finger and knuckleballs

Pitch Elevation Control
Moves the pitch up and down through the strike zone - location can be changed between pitches

Frame Locking Pin
For safe and easy transporting

Extra-Wide Tripod Base
Provides stability on all surfaces, including mounds

Fungo/Pivot Control
Tightens for pitch repeatability; loosens for fungo work

Heavy-duty Leg Caps
Stabilizes machine and protects floors

Feed Chute Handle
Pivots throwing head instantly in any direction for all fungo work

Throwing Wheel Guards
For safe operation

Transporting Wheels
Large wheels make rolling machine easy; it is extremely portable

Throwing Wheel Dials
Allows you to make all the necessary adjustments for every type of pitch

Inside/Outside Adjustment
Move pitch across width of plate between pitches - location can be changed between pitches

Easy Transport
Moves and stores easily

Three Concave Wheels
Provide accuracy, speed, and vision with no wear



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Outstanding Performance

	HACK ATTACK	JUNIOR HACK ATTACK
SPEED	100+ MPH	70+ MPH
DISTANCE	60 feet	45 feet (simulates 90+ MPH)
VISION	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 quick, easy throwing head adjustments, maximizes practice time	Same as Hack Attack
FUNGO	380 ft. fly balls	250 ft. fly balls
PORTABILITY	Quickly rolls on and off the field	Same as Hack Attack
RECOVERY TIME	Because of the three wheels, it is almost instant	Same as Hack Attack

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“I train major league hitters using the Junior Hack Attack at a close 33 ft distance with a small ball coming up at an angle to the hitters at a high speed. The theory being that the hitter would have to focus on the smaller ball, shortening his stroke to get the head of the bat to the ball, eliminating any lull in his bat prior to contact. Hard focus and quick to the ball is the objective.” **JOE MADDON** MANAGER OF THE CHICAGO CUBS



The Three Wheel Advantage

FEATURE	3-WHEEL HACK ATTACK & JR.	TWO-WHEEL MACHINES	ONE-WHEEL MACHINES	ARM MACHINES
VISION	Complete Provides a realistic sense of timing	Poor	Poor	Poor Motion hidden by arm guard
TIMING	Excellent Natural	Poor Limited vision	Poor Limited vision	Good
ACCURACY	Excellent Three-point contact	Good Two-point contact	Fair One-point contact	Good
BREAKING PITCH	All Quick adjustment	All Awkward - slow	Unrealistic Spin Awkward adjustments	Fastball Only Single pitch
FUNGO	Excellent Pivots instantly	Good - Fair	Poor Limited distance	Poor No pivot
SAFETY	Excellent Wheel guards protect operator	Poor Limited - no wheel guards	Poor Limited - no wheel guards	Excellent complete guard protection
PORTABILITY	Excellent	Good	Good	Very Poor Completely immobile
BALL GRIP AREA	Excellent Three contact points	Good Two contact points	Poor One contact point	N/A
SPIN CONTROL	Exceptional No cumbersome adjustments of throwing head	Good - Poor Must move throwing head	Unrealistic Excessive Spin	Backspin Only
WHEEL DIAMETER	Excellent Large pin-point accuracy, less ball wear	Good Smaller wheels, less accuracy increase wear	Poor Requires pinch pad, heavy ball wear	N/A Propels ball using a mechanical arm (no wheels)
THROWING HEAD SIZE & WEIGHT	Excellent No recoil of any kind for any pitch	Good - Poor Lighter, some recoil	Poor Snubbing action causes recoil	Poor Recoil requires bolting to concrete base

BASEBALL PITCHING MACHINES

Baseball Ball Feeders

Team Feeder The 150 ball capacity Team Feeder will feed a baseball into the eHack, Hack Attack or Junior every 7 seconds for a continuous hitting time of 20 minutes.

Solo Feeder Extremely portable 15 baseball capacity Solo Feeder provides adjustable intervals between pitches. Feeds the eHack, Hack Attack and Junior Hack Attack.



Baseball Machine Accessories

Baseball to Softball Conversion Kits are available for both the Hack Attack and the Junior.

Junior Hack Attack Conversion Kit enables the Junior Hack Attack to throw 7.5" undersized balls for vision training.



Fungo Leg Kit is available for both Hack Attack and Junior Hack Attack.

Set of 3 legs with solid, heavy-duty casters for Hack Attack and Junior Hack Attack Baseball Pitching Machines allows for ease of maneuverability around the field during fungo training.



Extended legs are available for the eHack, Hack Attack and Junior Hack Attack.

eHack and Hack Attack Baseball Pitching Machine legs measure 67" which raises the ball release height to 70".

Junior Hack Attack Baseball Pitching Machine legs measure 46" which raises the ball release height to 56".

A Few Key Customers

Major League Baseball

AriArizona Diamondbacks
Los Angeles Angels
Los Angeles Dodgers
Oakland Athletics
San Diego Padres
San Francisco Giants

Colorado Rockies
Florida Marlins
Tampa Bay Rays
Atlanta Braves
Chicago Cubs
Chicago White Sox

Boston Red Sox
Baltimore Orioles
Detroit Tigers
Minnesota Twins
Kansas City Royals
St. Louis Cardinals

New York Yankees
New York Mets
Cincinnati Reds
Cleveland Indians
Toronto Blue Jays
Philadelphia Phillies

Pittsburgh Pirates
Montreal Expos
Texas Rangers
Houston Astros
Seattle Mariners
Washington Nationals
Milwaukee Brewers

A few additional key customers...

Arizona State University
Auburn University
Birmingham Southern College
Boston University
Brigham Young University
Bryan College
California State University, Fresno
California State University, Fullerton
Clemson University
Coastal Carolina University
Dallas Baptist University
University of Mississippi

Duke University
East Carolina University
Emory University
Florida Atlantic University
Florida Gulf Coast University
Florida State University
Georgia Institute of Technology
Georgia State University
Illinois State University
Jacksonville University
James Madison University
Louisiana State University
Michigan State University

Mississippi State University
New Mexico State University
Ohio State University
Oklahoma State University, Stillwater
Oregon State University
Rice University
Samford University
San Diego State University
South Carolina State University
Texas A&M University
Texas Christian University
University of Alabama
University of Arizona

University of Arkansas
University of California, Berkeley
University of California, Irvine
University of California, Los Angeles
University of Florida
University of Georgia
University of Houston
University of Illinois, Urbana-Champaign
University of Indiana
University of Iowa
University of Kentucky
University of Louisville

University of Miami
University of Michigan
University of Nebraska, Lincoln
University of Nevada, Reno
University of Mississippi
University of Oklahoma
University of Southern California
University of Texas, Austin
University of Virginia
University of Washington
University of West Florida
Vanderbilt University
... and many more



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