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 Wheel Guards
For safe operation.

Throwing Head
Mass eliminates recoil, ensuring repeatability.

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

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

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

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

Leg Storage
Carries and stores legs with machine.

Frame Locking Pin
For safe and easy transporting.

Motor Covers
Heavy duty covers deflects line drivers.

Easy Transport
Moves and stores easily.

Transporting Wheels
Large wheels make rolling machine easy. It is extremely portable.

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

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

Inside/Outside Adjustment
Moves the pitch up and down through the strike zone – location can be changed between pitches.

Locking Quick Release Legs
Quick set-up.

Heavy-duty Leg Caps
Stabilizes machine and protects floors.

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 outlast 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

<table>
<thead>
<tr>
<th>Features</th>
<th>HACK ATTACK</th>
<th>JUNIOR HACK ATTACK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level of Play</td>
<td>High school, college, professional, and commercial sports facilities</td>
<td>Youth league, backyard, machine-pitch games, travel teams, drills at all levels including high school college and professional</td>
</tr>
<tr>
<td>Pitches</td>
<td>Fastballs, curves, sliders, split fingers &amp; knuckle</td>
<td>Same as Hack Attack</td>
</tr>
<tr>
<td>Fungo</td>
<td>Pivots instantly for pop-ups, fly balls, grounders and catcher's pop-ups</td>
<td>Same as Hack Attack</td>
</tr>
<tr>
<td>Weight</td>
<td>135 lbs.</td>
<td>75 lbs.</td>
</tr>
<tr>
<td>Transportability</td>
<td>Fits into any SUV or full-size car; fits through standard doorway</td>
<td>Fits into any car, including a compact car</td>
</tr>
<tr>
<td>Automatic Feeders</td>
<td>Can use either Solo Feeder (15 ball) or the Team Feeder (150 ball)</td>
<td>Same as Hack Attack</td>
</tr>
<tr>
<td>Power Supply</td>
<td>110 VAC - 2000W generator with inverter technology (not included)</td>
<td>Same as Hack Attack</td>
</tr>
<tr>
<td>Ball Types</td>
<td>All types, including leather (no synthetics)</td>
<td>Same as Hack Attack plus 7.5” training ball</td>
</tr>
<tr>
<td>Ball Sizes</td>
<td>Can be converted to softball using conversion kit</td>
<td>Can be converted to softball using conversion kit and can also be converted to use the 7.5” diameter vision training balls (see accessories)</td>
</tr>
</tbody>
</table>

“...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.)
- 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.

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

Throwing Wheel Guards
For safety operation.

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

Easy Transport
Moves and stores easily.

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

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

Fungo/Release Legs
Quick set-up.

Heavy-duty Leg Caps
Stabilizes machine and protects floors.

Locking Quick Release Legs
Quick set-up.

Outstanding Performance

<table>
<thead>
<tr>
<th></th>
<th>HACK ATTACK</th>
<th>JUNIOR HACK ATTACK</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPEED</td>
<td>100+ MPH</td>
<td>70+ MPH</td>
</tr>
<tr>
<td>DISTANCE</td>
<td>60 feet</td>
<td>45 feet (simulates 90+ MPH)</td>
</tr>
<tr>
<td>VISION</td>
<td>Complete ball vision provides a realistic sense of timing</td>
<td>Same as Hack Attack</td>
</tr>
<tr>
<td>ACCURACY</td>
<td>The ball is gripped in three locations, providing tremendous control and accuracy</td>
<td>Same as Hack Attack</td>
</tr>
<tr>
<td>EFFICIENCY</td>
<td>Dial-in pitch selection quick, easy throwing head adjustments, maximizes practice time</td>
<td>Same as Hack Attack</td>
</tr>
<tr>
<td>FUNGO</td>
<td>380 ft. fly balls</td>
<td>250 ft. fly balls</td>
</tr>
<tr>
<td>PORTABILITY</td>
<td>Quickly rolls on and off the field</td>
<td>Same as Hack Attack</td>
</tr>
<tr>
<td>RECOVERY TIME</td>
<td>Because of the three wheels, it is almost instant</td>
<td>Same as Hack Attack</td>
</tr>
</tbody>
</table>
"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 loo in his bat prior to contact. Hard focus and quick to the ball is the objective."  **JOE MADDOX**  MANAGER OF THE CHICAGO CUBS

### The Three Wheel Advantage

<table>
<thead>
<tr>
<th>Feature</th>
<th>3-Wheel Hack Attack &amp; Jr.</th>
<th>Two-Wheel Machines</th>
<th>One-Wheel Machines</th>
<th>Arm Machines</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vision</td>
<td>Complete</td>
<td>Poor</td>
<td>Poor</td>
<td>Poor</td>
</tr>
<tr>
<td></td>
<td>Provides a realistic sense of timing</td>
<td></td>
<td></td>
<td>Motion hidden by arm guard</td>
</tr>
<tr>
<td>Timing</td>
<td>Excellent</td>
<td>Poor</td>
<td>Poor</td>
<td>Good</td>
</tr>
<tr>
<td></td>
<td>Natural</td>
<td>Limited vision</td>
<td>Limited vision</td>
<td></td>
</tr>
<tr>
<td>Accuracy</td>
<td>Excellent</td>
<td>Good</td>
<td>Fair</td>
<td>Good</td>
</tr>
<tr>
<td></td>
<td>Three-point contact</td>
<td>Two-point contact</td>
<td>One-point contact</td>
<td></td>
</tr>
<tr>
<td>Breaking Pitch</td>
<td>All</td>
<td>All</td>
<td>Unrealistic</td>
<td>Fastball Only</td>
</tr>
<tr>
<td></td>
<td>Quick adjustment</td>
<td>Awkward - slow</td>
<td>Spin adjustments</td>
<td>Single pitch</td>
</tr>
<tr>
<td>Fungo</td>
<td>Excellent</td>
<td>Good - Fair</td>
<td>Poor</td>
<td>Poor</td>
</tr>
<tr>
<td></td>
<td>Rotates instantly</td>
<td>Limited distance</td>
<td>Limited</td>
<td>No pivot</td>
</tr>
<tr>
<td>Safety</td>
<td>Excellent</td>
<td>Poor</td>
<td>Poor</td>
<td>Excellent</td>
</tr>
<tr>
<td></td>
<td>Wheel guards</td>
<td>Limited - no wheel guards</td>
<td>complete</td>
<td>complete</td>
</tr>
<tr>
<td></td>
<td>project operator</td>
<td></td>
<td></td>
<td>guard protection</td>
</tr>
<tr>
<td>Portability</td>
<td>Excellent</td>
<td>Good</td>
<td>Good</td>
<td>Very Poor</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Completely immobile</td>
</tr>
<tr>
<td>Ball Grip Area</td>
<td>Excellent</td>
<td>Good</td>
<td>Poor</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>Three contact points</td>
<td>Two contact points</td>
<td>One contact point</td>
<td></td>
</tr>
<tr>
<td>Spin Control</td>
<td>Exceptional</td>
<td>Good - Poor</td>
<td>Unrealistic</td>
<td>Backspin Only</td>
</tr>
<tr>
<td></td>
<td>No cumbersome adjustments of throwing head</td>
<td>Poor</td>
<td>Excessive spin</td>
<td></td>
</tr>
<tr>
<td>Wheel Diameter</td>
<td>Excellent</td>
<td>Good</td>
<td>Poor</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>Large pin-point accuracy, less ball wear</td>
<td>Smaller wheels, less accuracy increase wear</td>
<td>Requires pinch pad, heavy ball wear</td>
<td>Propels ball using a mechanical arm (no wheels)</td>
</tr>
<tr>
<td>Throwing Head Size &amp; Weight</td>
<td>Excellent</td>
<td>Good - Poor</td>
<td>Poor</td>
<td>Poor</td>
</tr>
<tr>
<td></td>
<td>No recoil of any kind for any pitch</td>
<td>Lighter, some recoil</td>
<td>Snubbing action causes recoil</td>
<td>Recoil requires bolting to concrete base</td>
</tr>
</tbody>
</table>
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 ball 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**

- Arizona Diamondbacks
- Colorado Rockies
- Boston Red Sox
- New York Yankees
- Pittsburgh Pirates
- Los Angeles Angels
- Florida Marlins
- Baltimore Orioles
- New York Mets
- Montreal Expos
- Oakland Athletics
- Tampa Bay Rays
- Detroit Tigers
- Cincinnati Reds
- Arizona Diamondbacks
- Atlanta Braves
- Minnesota Twins
- Cleveland Indians
- Los Angeles Dodgers
- Chicago Cubs
- Kansas City Royals
- Houston Astros
- Chicago White Sox
- St. Louis Cardinals
- Toronto Blue Jays
- Seattle Mariners
- Seattle Mariners
- San Francisco Giants
- Philadelphia Phillies
- Washington Nationals
- Milwaukee Brewers

**A few additional key customers...**

- Duke University
- University of North Carolina
- University of Arizona
- Auburn University
- Emory University
- University of California
- University of Michigan
- Florida Atlantic University
- Florida State University
- University of Nebraska
- University of Notre Dame
- Georgia Institute of Technology
- Florida State University
- Georgia State University
- Georgia Tech
- University of Oklahoma
- University of Texas
- University of Florida
- University of Georgia
- University of Houston
- University of Texas
- Jacksonville University
- University of Mississippi
- James Madison University
- Texas A&M University
- University of Kentucky
- University of Central Florida
- Louisiana State University
- University of Iowa
- Mississippi State University
- University of Illinois
- University of Alabama
- University of Kentucky
- University of Louisiana
- University of Missouri
- University of New Mexico
- University of Southern California
- University of Tennessee
- University of Virginia
- University of Western Michigan
- University of Washington
- University of West Florida
- University of Wisconsin
- Vanderbilt University
- University of Wyoming
- University of Iowa
- ... and many more

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