Hybrid HY72 Multi Groomer

A Multi Purpose, Convertible, Easy to Use Machine for Infields, Turf and More!

Hybrid HY72 Groomer
Convertible Groomer

Converts (without tools) for Grooming Infields, Turf and Driveway, Yards, Parking Lots, and More!

The Most Versatile Grooming Machine ever Invented!

Hybrid Groomer
The only machine ever engineered to convert with different implements for Grooming Baseball and Softball Infields, all types of Turf and Gravel and Rock Parking Lots, Yards, Driveways, Trails and More!

The World's Only "Hybrid" Grooming Machine.

We Offer the Most Complete Line of "Operator Lift Control Systems" on the Market!

4 "HD" Heavy Duty Lift Control Systems
We make the only Groomers on the Market with Wireless Remote Control 12 volt on-board lift control system.

99% of Assembly completed at the factory!

Choose from 4 Choices of Electric Lift Systems.

Turf Maintenance Attachments, also used for Gravel, Rock and more.

Heavy Duty Steel Welded Frame.

Infield Leveling Implement

Rear 90° Wide Finishing Broom

Patent Pending

Spring Tine Adjustment System

High Performance Broom Carriage for Turf and More!

Premium Powder Coated Finish.

No-Air, No-Flat Wheels.

Infield Grooming Attachments

Shown with HD-WR Operator Lift System

We make the only Groomers on the Market with Wireless Remote Control 12 volt on-board lift control system.

Heying Company
Alton, Iowa 51003
Ph. 712.756.8847
Fax 712.756.8849
www.HeyingCompany.com
www.Infield-Drag.com
Made in USA

Copyright Heying Enterprises. Information shall not be copied or retransmitted without permission. Patent Pending
**Groom and Maintain all types of Synthetic & Natural Turf**

**Natural Turf Sports Fields, such as**
- Baseball-Softball Grass Outfields
- Soccer Fields
- Football Fields
- and Golf Greens
- Pulverize Aeration Cores,
- Incorporate Top Dressing,
- De-Thatch and More!

**On Artificial Turf**
Bring turf back to life by lifting matted down fibers to promote water drainage, improve looks, and level infill.

**Heavy Duty Steel Construction**

**Powder Coated finish**

**Pull with a variety of tow machines**

**No tools needed to adjust**

**Easy to Use**

**Affordable**

**Saves Labor**

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**Levels - Mixes - Smoothens (90° Wide Rear Finishing Broom)**

**Leveling Implement** "Locks in position to guarantee leveling takes place"

- Cuts High Areas and Fills Low Areas
- Makes Renovating Easy
- Reduces Need for Hand Raking
- Tines used to shatter & pulverize
- Maintains safer playing surface
- Deters water puddling
- Control Weeds
- Heavy Duty Steel Construction
- Powder Coated finish
- Pull with a variety of tow machines
- No tools needed to adjust
- Works on all infield materials
- Easy to Use
- Affordable
- Saves Labor

---

**Vibra Tine Spring Tines** loosen rock and gravel while High Performance Broom Carriage fills pot holes, washout, etc.

**Makes Renovating Easy**

**Effective on Driveways, Yards, Parking Lots, Trails, and More!**

**Heavy Duty Steel Construction**

**Powder Coated finish**

**Pull with a variety of towing machines**

**No tools needed to adjust engineering**

**Easy to Use**

**Affordable**

**Saves Labor**

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**4 Choices of Electric Operator Lift Control Systems**

<table>
<thead>
<tr>
<th>Model</th>
<th>Frame Welded</th>
<th>Tongue, Hitch and Hitch Adaptor</th>
<th>Spring Tines</th>
<th>Leveler for Infields</th>
<th>Rear Finishing Broom</th>
<th>High Performance Broom Carriage</th>
<th>Wheels No Air No Flat</th>
<th>Lift System</th>
<th>Width</th>
<th>Standard Weight (1)</th>
<th>Minimum HP/CC (2)</th>
<th>Warranty</th>
</tr>
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<tbody>
<tr>
<td>HY72-WR</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>Electric (hd)</td>
<td>72°-90°</td>
<td>320 - 420</td>
<td>18 / 450</td>
<td>36 Months</td>
</tr>
<tr>
<td>HY72-PW</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
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<tr>
<td>HY72-SB</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
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</tr>
<tr>
<td>HY72-HW</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
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</tbody>
</table>

(1) Weight does not include options. Options could increase weight up to 100 lbs.

(2) Note on Towing Machines: (Also see our published information about "choosing a towing machine").

A large variety of towing machines can be used to pull the PR72: Garden Tractors, 4 Wheelers, Gators, etc. When choosing a towing machine it’s important to realize that there is more to the decision than just “hp” horse power. You can likely pull the groomer with a 15 hp lawnmower but it’s transmission may not be intended for towing and it may not have enough traction. Today’s tow machine marketplace is different than it was 10 years ago. Tow machine manufacturers have increased engine hp in homeowner type lawnmowers but have not necessarily made the transmissions heavier nor do they always increase total machine weight. Both transmission and total machine weight are as important as hp when choosing a towing machine. A large engine on a light machine may not produce the traction required for towing a groomer. Light transmissions also may not be intended for towing. We recommend garden tractors, not light duty lawn mowers. We recommend 4 wheelers that are 450cc or higher, or well built gators. Our first choice for pulling groomers: garden tractors. Why? They usually have the hp, traction and transmission to pull a groomer, they are readily available at reasonable prices, they allow the user to easily see behind them when grooming infields and they are easy to drive. Consult your tow machine supplier.
Changing Implements - Quick and Easy!
No tools needed. Simply pull clevis pins to switch implements.

Did You Know... **Infill Can Fly!**
Of course you did. You’ve seen it on TV. You’ll also see “infill in motion” when grooming synthetic turf with the HyBrid Groomer.

**Infield Grooming made easy.**
Spring Tines pulverize when needed. Leveling implement and rear finishing broom groom infields.

Have Turf & Infield Maintenance Needs?
Our HyBrid Groomer is the only machine on the market that includes implements for Turf and Infield Grooming.
Machine Options-Accessories

**MGMT-7200 Magnet**

**What’s Hiding in Your Turf?**
Ferrous metal objects such as track spikes, bobby pins, safety pins, nails, and other objects create hidden dangers to athletes and degrade synthetic turf. The MG72 Multi Groomer removes this debris while grooming.

**Strongest Magnet on the Market!**
Optional Rear Magnet. 72” wide. Aluminum and stainless steel housing for Neodymium Rare Earth Magnets. Strongest available. Also includes adjustable height anti scalp turf wheels. Removes ferrous debris from Turf while grooming.

When you’re comparing turf groomers be sure to ask what type of magnets are used. For example:

Other machines use less expensive ceramic magnets. Our neodymium magnets are 10 times stronger than ceramic!

**ALDM-8436**
Drag Mat with Brackets (Attaches to Rear Finishing Broom)
ALDM-8436 includes a Drag Mat and Brackets. 84” wide x 36” deep steel mat and our exclusive brackets that hold, carry and pull the mat so no need to hand carry the drag mat on and off the field. Easy to connect and remove.

**MGDM-8436**
Drag Mat with Rack
When no rear smoothing broom is present a drag mat can still be used. This special rack attaches directly to rear of frame when without a broom. 84” wide x 36” Deep Drag Mat and Rack. Easily connects to rear of frame with quick pins. Includes MGRK-4200 specially designed welded rack with locks and hardware.

**MGRM-7200**
Rubber Mat
The 72” Rubber Mat is useful on turf when pulverizing aeration cores, incorporating top dressing and when grooming artificial turf.

Multi-purpose. Heavy duty. Welded frame.

**ALDM-1000 Brackets Only.**
You can purchase our exclusive drag mat brackets and use your own drag mat. Brackets bolt to the Rear Finishing Broom frame. They hold, carry and pull the drag mat. Locks flip up and down making it easy to attach and remove mat.

**MGRK-4200 Rack Only**
You can purchase our exclusive drag mat rack and use your own drag mat. Rack connects to rear of frame with quick pins to hold and carry a drag mat.

Easy to attach and remove from frame.
## Machine Options-Accessories

<table>
<thead>
<tr>
<th>Model</th>
<th>Accessory</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGCP-1875 (1-7/8”)</td>
<td>ALWP-1212</td>
<td>Additional “HW” wiring pkg.</td>
</tr>
<tr>
<td>MGCP-2000 (2”)</td>
<td>AL-E-098</td>
<td>Additional “WR” or “PW” Transmitter</td>
</tr>
<tr>
<td>Ball Coupler Hitch</td>
<td>ALSB-1212</td>
<td>“SB” Switch Box Control System</td>
</tr>
<tr>
<td></td>
<td></td>
<td>For “WR”, “PW” and “HW” lift systems this “SB” can be used as a backup system. For example, the “HW” system is “hard-wired” to one specific towing machine. In this case you may wish to have a backup operator system in case the towing machine that is wired for the groomer is not functional. This option also useful as a backup for the “WR” or “PW” systems in the case of a dead battery, lost transmitter, etc.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>We stock Transmitters</td>
</tr>
<tr>
<td></td>
<td>ALPW-1212</td>
<td>“PW” Portable Wireless Backup Control System</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Consider the portable “PW” operator system as a backup for “WR”, “SB” or “HW” systems. If any problem arises with your original operating system (broken wire, misplaced transmitter, dead groomer battery, etc.) this alternate “backup” system can bypass the original operating system (except cylinder) and operate the groomer. Uses temporary clamps to attach to your tow machine 12v battery. Offers peace of mind that a backup control system is on hand if ever needed. Complete pkg.</td>
</tr>
</tbody>
</table>

See following pages for details all of the “Operator Lift Control Systems”.

*We offer the Most Complete Line of Operator Lift Control Systems on the Market!*

**Warranty** (in a nutshell): Heying Company machines carry the following warranty on parts and workmanship, to be free of defects, under normal and intended use and service conditions, of:

- Three (3) years parts and workmanship on Heying Company manufactured parts.
- One (1) Year on parts not manufactured by Heying Company, including but not limited to:
  - Wheels, brushes, electrical cylinder (actuator), electric system parts, wireless remote control systems, switches, batteries, chargers, etc.
- Excluded is this warranty is Normal Wear and Tear on Parts resulting from normal and intended use.

(Note: Warranty above is a partial writing - for a complete warranty please inquire. If you discover a better warranty on similar equipment we would like to see it).
## Electric Lift Systems & How They Work

### Wireless Remote Control (Electric System on-board)
Includes full size 12v battery, weather resistant wireless transmitter and receiver, battery charger, and battery monitor. **Note:** This is the only electric lift system with it's own on-board battery (does not require tow machine battery). Top choice for convenience and for "big users" who have lots of fields, run tournaments, or all day games. Other systems could wear down the battery of the tow machine when the groomer is used all day long. Includes a corded auxiliary switch and 10 ft. cable (use as temporary backup control).

### "Portable" Wireless Remote Control.
Same wireless control as the "WR". Uses Battery from Your Tow Machine to power to system. Includes portable power harness that connects to tow machine battery with alligator clamps. The groomer also has tongue wire harness. The two wires connect at the rear of the tow machine to power the wireless electric system (Does not include 12v battery, battery charger and battery monitor). Includes our new emergency corded auxiliary switch and 10 ft. cable (use as temporary backup control).

### Corded SwitchBox Control.
Corded control system. Uses Battery from Your Tow Machine to power to system. Switch Box is heavy duty and weather sealed. Box has 2 connections: One for Power that connects to 12v battery of tow machine with alligator clamps. One for an Extension Wire that leads back to the groomer tongue wire. Includes two different lengths of Extension Wires to work for all tow machines. **Can also be used as a backup operating system for WR, PW and HW systems.**

### Hard-Wired into your tow machine with a Dash-Mounted Rocker Switch to control the electric lift. Uses Battery from Your Tow Machine to power to system. You dedicate a specific tow machine to be wired. Includes all the wiring, switch, connectors, etc. for one tow machine. Want to be able to use other tow machines when needed? Consider two options: 1) Optional HW wiring package, or, consider the SB Backup System. **Note:** your tow machine must have a knock-out switch location available on the dash (for the rocker switch) or you will need to cut your own switch opening.

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**Heying Company**  Alton, Iowa  51003  Ph. 712.756.8847  Fax 712.756.8849  Copyright Heying Enterprises.  Made in USA.
**Advantages:** Exclusive “one-of-a-kind” control system...only offered by Heying Company! Made in USA!

Wireless Remote (hand held transmitter) Control - the Ultimate in user convenience (receiver mounts inside battery compartment).

- Pull with a variety of tow machines. Can quickly switch from one tow machine to another.
- On-board electric system is completely self contained.
- On-board trickle charge battery charger has safe technology so it can (and should) be plugged in whenever the groomer is not being used.
- On-board battery monitor emits an audible alert when the battery needs to be charged.
- No wiring needed to use tow machine. No Cords.

**Disadvantage:** (Not really a disadvantage) User needs to keep the on-board battery charged. Just plug in the battery charger (use a standard 120v cord).

**For the “WR” System. Consider the optional “SB” or “PW” Backup System. More Peace of Mind.**

If you're worried about losing the Transmitter this lift system comes with a 10 ft. long Corded Aux Toggle Switch and the machine also includes two (2) manual wrenches that can be used in an emergency to manually raise / lower the electric cylinder.

In addition. Some customers who run tournaments or those who just want the peace of mind that they can operate the groomer if they ever have problems with their main operating system (dead battery, misplaced transmitter, etc.)...will consider either the optional “SB” or “PW” Backup Operating System. Adding one of these optional backup systems essentially gives you “Dual Control”.

The “SB” and “PW” systems are “portable” and can connect to any tow machine 12 volt battery. As a backup system it’s not used on a daily basis. Rather, it’s stored and used only when there is a problem with the main control system. It will override / bypass the entire original electric system (except the Cylinder).
Advantages:
If price is the reason you don’t choose the “WR” then consider this lower cost version. Does include our unique and unmatched sealed Wireless Remote Control System for “the Ultimate in User Convenience” at a lower price. The wireless remote control has immediate response when a button is pressed. It never goes to sleep like many other wireless systems. Lighter weight than the “WR” system (No battery so is not as heavy to lift the tongue). Advantage especially for those who want the Spring Tine Scarifier on their groomer (Spring Tine Scarifier mounts to front of machine thus adding weight to the Tongue).
Pull with a variety of 12 volt tow machines. Can quickly switch from one tow machine to another. If you choose the “PW” and decide in the future that you should have ordered the “WR” you can always upgrade.

Disadvantages:
Inconvenience having to plug in the connector (when connecting to tow machine) and unplugging connector behind the tow machine (when unhooking). For some big users (lot of fields or lots of grooming on fewer fields) this system could wear down the battery of the tow machine. This system requires power from user tow machine. User can’t raise and lower implements without being attached to tow machine for power. Since power is supplied by a tow machine the groomer is more difficult to move around storage shed, etc.

Note: The “WR” is the only system that does not require power from user tow machine.

For the “PW” System. Consider the optional “SB” Backup System. More Peace of Mind.
If you’re worried about losing the Transmitter this lift system comes with a 10 ft. long Corded Aux Toggle Switch and the machine also includes two (2) manual wrenches that can be used in an emergency to manually raise / lower the electric cylinder.

In addition. Some customers who run tournaments or those who just want the peace of mind that they can operate the groomer if they ever have problems with their main operating system (dead battery, misplaced transmitter, etc.)….will consider the optional “SB” Backup Operating System. Adding this optional backup system essentially gives you “Dual Control”.

The “SB” system is “portable” and can connect to any tow machine 12 volt battery. As a backup system it’s not used on a daily basis. Rather, it’s stored and used only when there is a problem with the main control system. It will override / bypass the entire original electric system (except the Cylinder).
**“SB” Switch Box Corded Control with Rocker Switch and 2 Extension Wires (12v only).**

Incorporates a hand held corded “sb” switch box controller that connects to the user’s tow machine 12 volt battery (with alligator clips) to supply power to the electric lift on the groomer. This lift control system can be easily moved from one tow machine to another which makes it portable. The switch box includes 8 ft. fused power wires with alligator clips for easy battery connection. The switch box also includes a cylinder control stub wire, with sealed connector, where the user connects either the 10 ft. or 18 ft. long cylinder extension wire to control the electric cylinder (actuator).

The 18 ft. length extension wire is popular with customers who have gator type tow machines, or UTVs, Toro Trucks, etc. The 10 ft. length extension wire is popular with customers who have shorter tow machines such as garden tractors, ATVs, etc.

*Can be used as a primary (everyday) lift control system, or, as an optional backup to other operator lift control systems.*

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**Advantages:**

Versatility to quickly switch to a different tow machine (control system is portable). SwitchBox is completely weather sealed (unlike anything on the market). Made in USA! Two “Cylinder Extension Wires” included (5 ft. and 121 ft.) so the user can decide which works best for their use. Ability to be used as a primary (everyday) lift control system or as a backup to other operator lift control systems (use when needed). We include a battery compartment (even though a battery is not included). Very useful to store “SB” control parts and tools.

**Disadvantages:**

Inconvenience of having cords. Must pay constant attention to protecting the cords during use. Big Users (who have lots of grooming) could experience this system wearing down the battery of their tow machine. This system requires power from user tow machine. User can’t raise and lower implements without being attached to tow machine for power. Since power is supplied by a tow machine the groomer is more difficult to move around storage shed, etc.

Note: The “WR” is the only system that does not require power from user tow machine.

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**For the “SB” System. Consider the optional “PW” Backup System. More Peace of Mind.**

If you’re worried about only having one operator system when you buy the “SB” machine then remember the machine includes two (2) manual wrenches that can be used in an emergency to manually raise / lower the electric cylinder.

In addition. Some customers who run tournaments or those who just want the peace of mind that they can operate the groomer if they ever have problems with their main operating system (broken wire, etc.)...will consider the optional “PW” Backup Operating System.

Adding this optional backup system essentially gives you “Dual Control”. The “PW” system is “portable” and can connect to any tow machine 12 volt battery. As a backup system it’s not used on a daily basis. Rather, it’s stored and used only when there is a problem with the main control system. It will override / bypass the entire original electric system (except the Cylinder).
**“HW” Hard-Wired Operator Lift Control System (12v only)**

Incorporates what we call a hard-wired electric lift system that utilizes the user’s tow machine 12 volt battery to supply power to the electric lift on the groomer. This operator system includes all the necessary wiring, in-dash mountable rocker switch, heavy duty electric cylinder (actuator), fuse holder, fuse, wire, connectors, protective wire sleeve (split loom), cable clamps, and zip ties. Requires wiring assembly to user tow machine.

For users who have a tow machine with a dash panel that will accept a Rocker Switch, who want the convenience of a dash mounted rocker switch, and who want to always use the same tow machine to pull and operate the groomer this is the operator system of choice. Note: Optional additional wiring package available for users who wish to wire more than one tow machine to pull and operate the groomer. See optional “HW” tow machine wiring package information.

**Advantages:**
The “HW” rocker switch control is direct-wired to a 12 volt tow machine. The rocker switch mounts to the dash for convenient control. Easy to use connectors at the groomer tongue and rear of tow machine.

Want more than one tow machine wired to pull the groomer? We also offer optional extra tow machine wiring packages (see optional accessories). Or the optional “SB” portable system can be ordered and used as a secondary control.

**Disadvantages:**
One dedicated tow machine may be a nuisance if it isn’t available to pull the groomer when it’s needed. You have options.

(order additional “HW” wiring systems to install in more tow machines, or, consider the portable “SB” as alternate control system. See optional accessories).

User needs to install the wiring into the 12 volt tow machine.

Inconvenience of having to connect tongue wire whenever connecting groomer to tow machine (and disconnecting when unhooking groomer). Big Users (who have lots of grooming) could experience this system wearing down the battery of their tow machine. This system requires power from user tow machine. User can’t raise and lower implements without being attached to tow machine for power.

Since power is supplied by a tow machine the groomer is more difficult to move around storage shed, etc.

Note: The “WR” is the only system that does not require power from user tow machine.

**“hd” Cylinder Speed:**
Full stroke obtained in 8 seconds. 2x faster.

Note: HW system wiring should be performed by a qualified professional. HW systems are intended to have 12 volt power supplied by the user’s tow machine. For tow machines other than 12 volt user responsible for providing a voltage converter.

**Advantages of “hd” Cylinder:**
1) Faster Cylinder Speed (2x faster).
2) Drag Mat option can be added...
   (only recommended on machines with the hd cylinder).

**“HW” Wiring package complete with “hd” Heavy Duty 12v Electric Cylinder, Dash Mountable Rocker Switch, Wire, Fuse, Fuse Holder, Connectors, & Protective Wire Sleeve.**
Requires wiring assembly to user tow machine (12 volt).

12v battery shown for reference only and represents user’s tow machine battery.

For the “HW” System. Consider the optional “SB” or “PW” Backup System. More Peace of Mind.

If you’re worried about losing the Transmitter this lift system remember the machine includes two (2) manual wrenches that can be used in an emergency to manually raise / lower the electric cylinder.

In addition, some customers who run tournaments or those who just want the peace of mind that they can operate the groomer if they ever have problems with their main operating system (broken wire, dead battery, etc.)...will consider either the optional “SB” or “PW” Backup Operating System. Adding one of these optional backup systems essentially gives you “Dual Control”.

The “SB” and “PW” systems are “portable” and can connect to any tow machine 12 volt battery. As a backup system it’s not used on a daily basis. Rather, it’s stored and used only when there is a problem with the main control system. It will override / bypass the entire original electric system (except the Cylinder).