

The Magazine of Lawn and Garden Care.

# Wheel Horse

Vol. II No. 1

1982



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## In This Issue:

- Wheel Horse presents its 1982 lineup of lawn and garden tractors.
- An inside look at one of America's most dependable products and best investment opportunities.

## The streamlined B-Series automatics.

- These affordable, versatile tractors make the Wheel Horse line the most complete in the business.

## The Buyer's Guide.

- A special supplement with 1982 product information including specification and attachment data.
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# SOLID, YET SIMPLE.

## That's Wheel Horse. Solid as a rock and just as durable.

The reason is simple. Wheel Horse products are engineered to be easy-to-operate, hard-working machines. Nothing fancy. Just dependable. With basic features like the patented Uni-Drive® transaxle.

This innovative combination of transmission and differential in a heavy-duty cast iron housing was developed by Wheel Horse. And it's one of the primary reasons why Wheel Horse lawn and garden tractors last and last. Plus the one-piece welded

steel frame means a Wheel Horse can take almost any punishment you can dish out.

Wheel Horse is one of the few lawn and garden tractors manufactured with a V-belt clutch in the drive train that efficiently transfers power from the engine to the transaxle while protect-

ing each from an overload when attachments are in operation. Changing attachments is a breeze, thanks to Wheel Horse's exclusive Tach-a-matic® hitch system.

And the C-Series features transverse mounted cast iron engines for durability and smooth operation.

**There's nothing complicated about it. Wheel Horse products are simply built to be solid and dependable.**



Full-view instrument console.



Easy access for service.



Simple belt drive and friction disc PTO clutch for attachments.



## Wheel Horse





# Wheel Horse

**"Built for the long run."**



"As a champion racing driver, I know the importance of durability. It's not enough to drive the fastest car, it's got to be durable so I know it will last the entire race.

"That's how it is with lawn and garden tractors, too. And for my money, you can't beat Wheel Horse.

"Year after year, your new Wheel Horse will keep working hard. Long after the 'bargain brand' has been retired permanently, you'll continue to get superb performance from your Wheel Horse.

"That's the way it's been with Wheel Horse since 1946. Sure, you can buy a lawn or garden tractor for less money than a Wheel Horse. But you can't get a better value anywhere.

"Five, ten, fifteen years from now, your Wheel Horse will probably still be running strong. And worth every cent you paid for it.

"That's the kind of quality I can appreciate. So can you.

"Want to know more about the 1982 Wheel Horse lawn and garden tractors? Read on. You'll see why, more than ever, Wheel Horse is built for the long run."

**Jackie Stewart**

- Three-time World Driving Champion.
- International TV sports commentator.

In this issue:



**Back again in 1982: extra performance and versatility from our most cost-efficient models.**

Wheel Horse has been making lawn and garden tractors since 1946. In that time, we've learned a lot about what our customers want in a tractor.



For example, check out our line of affordable B-Series lawn and garden tractors. Available with either an automatic or 5-speed manual transmission. Built with the strength and durability you expect from a Wheel Horse.



**Manual transaxles for maximum versatility. Pages 6 and 7.**

For the person with big jobs to do under a wide range of conditions, Wheel Horse offers 10 models of manual transaxle lawn and garden tractors, 5 with the exclusive Wheel Horse Uni-Drive transaxle.



**Automatics for ease of operation. Pages 4 and 5.**

For convenience and extra control, Wheel Horse now offers the hydrostatic automatic transmission on 16 models. Including the B-Series automatics for 1982. 4 C-Series units feature the exclusive Wheel Horse Uni-Drive transaxle.



**A-Series riding mowers. Pages 16 and 17.**

Convenient, maneuverable and affordable, the A-Series riders can handle most lawn care needs.

**E-Series. Battery-powered for the future. Pages 18 and 19.**

**Attachments make the tractor. Page 13 (also see pages 6 and 7 in the supplement.)**

A tractor is versatile only if it has many attachments available, and Wheel Horse has nearly 100 separate attachments so that "you can do it all."



**WHEEL HORSE**  
lawn & garden tractors

Wheel Horse Magazine is published annually and available either through Wheel Horse dealers or by writing Wheel Horse Products Inc., 515 W. Ireland Road, P.O. Box 2649, South Bend, Indiana 46680





## Easy lawn and garden care — automatically.

Successful lawn and garden care is not difficult. All it takes are the right tools for the job.

That's why Wheel Horse has 20 models of lawn

and garden tractors for 1982, including six models with automatic transmissions.



Automatic transmission lever.

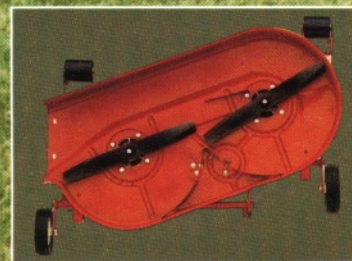


B-115 with rear-discharge mower and lawn sweeper.

Wheel Horse is the company that *pioneered* hydrostatic "automatic" transmissions in garden tractors, and we're proud that ours are considered among the very best. With no gears to shift, Wheel

Horse automatic drive tractors can save 10%-20% of operation time compared with manual transmissions. Depending, of course, on landscape and terrain conditions.

The hydrostatic transmission offers added convenience and control for ease in operation of your tractor.



Underside of Wheel Horse full-floating, tunnel deck mower.



Easy on/easy off rear bagging attachment.





Choosing automatic drive means you can change ground speed and direction without de-clutching and shifting gears. Since the engine runs at a constant RPM,



Easy-to-empty bagging containers. powered attachments (mowers, tillers, snowthrowers) maintain their peak operating RPM even when moving at slow



C-175 with snowthrower. speeds through heavy grass or snow. A transmission clutch lever disengages the automatic drive from the engine for easier cold-weather starting. Many automatic models also feature a hydraulic lift mechanism for attachments.



C-145 with vacuum on 10 cu. ft. dump cart.

In 1982, Wheel Horse is building B-Series tractors with automatic transmissions for the first time. The B-115 and B-165 automatics are reliable, trouble-free units with streamlined styling and

tilling capabilities. In the complete Wheel Horse line, automatic transmission models are available with 11, 12, 14, 16, 17 or 19.9 HP engines.



# Maximum Wheel Horse power under any conditions.

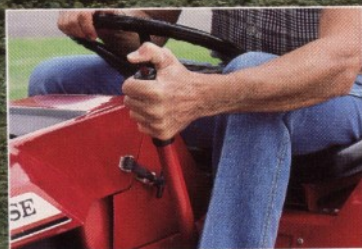
"When the going gets tough, the tough get going."

It may be a cliché, but it's true. And it best



New B-85 with mower.

describes the versatile Wheel Horse manual transmission tractors. The speed selections on Wheel Horse manual



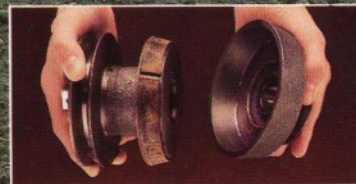
B-Series attachment lift. models enable the operator to match ground speed to job conditions

for maximum power and efficiency. Our C-Series units feature the patented Uni-Drive® transaxle, an innovative concept that



C-175 twin with implement package.

combines the transmission and differential in a cast iron housing for durability and longevity.



Heavy-duty, cone-type mower clutch.



C. STUBER.  
1913.



C-175 with mower.

Wheel Horse pioneered the Uni-Drive over 20 years ago and it still remains the standard of the industry. In fact, it's estimated that over 80%

of all units produced with this transaxle configuration are operating yet today. In addition, the V-belt clutch efficiently trans-

mits power from the engine to the transaxle while protecting each from overload.

Wheel Horse manual transmission tractors are available in 3, 5 and 8 speed configurations



C-85 with 3 kw generator.

with 8 to 17 HP engines. These hard-working lawn and garden tractors are designed to take whatever the job demands. From mowing the largest



B-165 with snow blade.



C-175 showing full-floating mower deck.

Virginia plantation to moving a mountain of Vermont snow.





## Wheel Horse D-160. Big tractors for big jobs.

Dozing. Landscaping. Plowing. Tough jobs that demand maximum power and durability. These are the jobs that demand the heavy-duty D-160 Estate Tractor.

The deluxe lawn machine, a D-160 tractor is designed to be used on large private estates, home gardening operations or in professional capacities such as schools, hospitals and churches.

Features of the D-160 include twin-cylinder 16 HP engine, automatic transmission with cooling fan, built-in hydraulic lifts, combination dynamic and

mechanical braking systems, and the Tach-a-matic hitch system. The D-160 tractor handles a wide range of heavy-duty attachments.



D-160 with dozer blade.

## A Horse for all seasons.

Some homeowners require more than just lawn care. They need a tractor to help out in the garden with tilling or plowing, landscaping or removing heavy snow. That requires the power and versatility of true lawn and garden tractors.

Fortunately, there's a line of tractors built to meet the demands of every lawn and garden. The brand is Wheel Horse and every model is a hard-working, versatile machine that can remove snow and till your garden as easily and thoroughly as it cuts the grass. And that's not all.

Depending on the model you choose, you can do everything from landscaping to log splitting. Sweeping to spraying. Dozing to plowing. And other tasks too numerous to mention. All the more reason for you to own a Wheel Horse.



D-160 with 48" side-discharge mower.



# Engineered for performance. Through and through.



Following are cut-away views of a Wheel Horse lawn and garden tractor. Many of the features shown here on our C-Series models are found throughout our full line. Some are new for 1982. Others are proven performers. All are designed to make your 1982 Wheel Horse the best constructed, most efficient lawn and garden tractor available today.



**Attachment Drives: Changes are a breeze.**

- Patented Tach-a-matic hitch makes installation quick and easy—without tools.
- PTO brake stops attachment drive within seconds.
- Easy-to-use attachment lifts: manual with dial-a-matic height control on 8-speed models; hydraulic lift on most automatic models.

**Comfort and Style: Engineered with you in mind.**

- Stylish, but functional design.
- Comfortable cushion vinyl seat with seat springs. Tilts forward for access to fuel tank.
- Full view instrument console for ease and convenience of operation.

**Body and Frame: For one tough tractor.**

- Welded steel frame for heavy-duty strength.
- Easy access to engine with one-piece, all steel lift-up hood.
- Sealed beam headlights.

**Full-view instrument console**

**Manual lift with dial-a-matic precision depth control**

**One-piece steel lift-up hood**

**17 HP twin-cylinder Kohler engine**

**8-speed Uni-Drive® transaxle controls**

**Hi-back seat with seat springs and safety switch.**

**Taillights**

**Tach-a-matic® hitch system**

**Turf-Saver® tires**

**Extra-wide footrests with anti-skid surface**

**Turf-Saver tires in rear (Cleat tires optional)**

**Single lever mower height adjustment**

®Turf-Saver is a registered trademark of the Carlisle Tire Company.

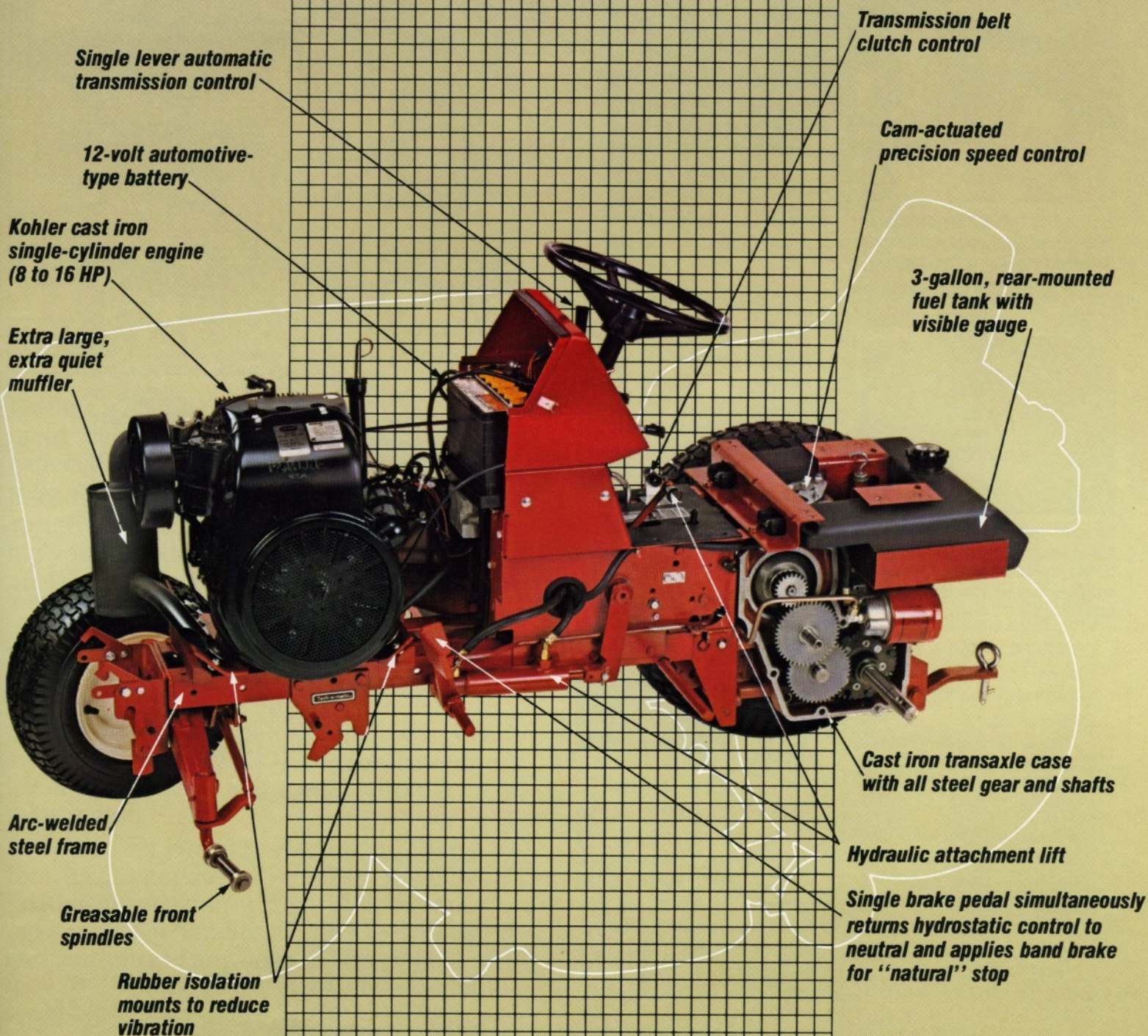


### **Engine: Wheel Horse power.**

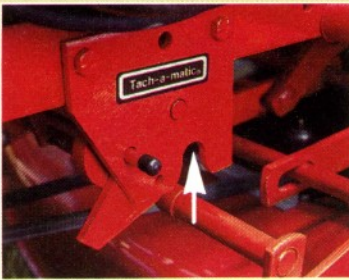
- Kohler single and twin-cylinder engines are proven durable, strong and long-lived.
- Transverse-mounted cast iron engines for durability and smooth operation.
- Rubber isolation mounts to reduce vibration.
- Large fuel tank for longer operating capacity, rear-mounted for safety and convenience.
- Bendix-type electric starter with ACR (Automatic Compression Release) provides convenient, effortless start of engine at turn of key—even when cold.

### **Drive Train Controls: Uni-Drive—the standard of the Industry.**

- Uni-Drive transaxle combines transmission and differential in cast iron housing for ultimate durability and longevity.
- V-belt clutch transmits power efficiently from engine to trans-axle while protecting each from overload.







The exclusive Tach-a-matic hitch system makes removing and adding attachments a snap. Changeovers are simple and easy—without any tools at all!



Just a quick flick of the wrist—that's all it takes. Simply close or open to lock or release the Tach-a-matic hitch. And you're ready to go.



No tools—no hassle. The Tach-a-matic is the convenient and timesaving hitch system that's designed to make your lawn and gardening chores easier than ever.

### Steering: Responsive and maneuverable.

- Automotive-type pinion and sector steering with ball joint linkage provides better control and maneuverability.
- Heavy-duty cast iron front axle maximizes strength and stability.
- Automotive-type tie rods assure dependable, durable steering system.
- Greasable spindles ( $\frac{3}{4}$ " dia.) add years of life to front end.

Cast iron front axle

Friction disc clutch/brake for responsive PTO control

Pinion and sector steering/automotive-type tie-rods

Belt clutch to transaxle

Band-type brake

Anti-scalp rollers

Heavy gauge steel deck

Forged alloy steel blades

Adjustable gauge wheels

Blade lift for even cutting

Toe guard and discharge deflector

Internal baffling for air flow control

### Triple blade full-floating mower deck.

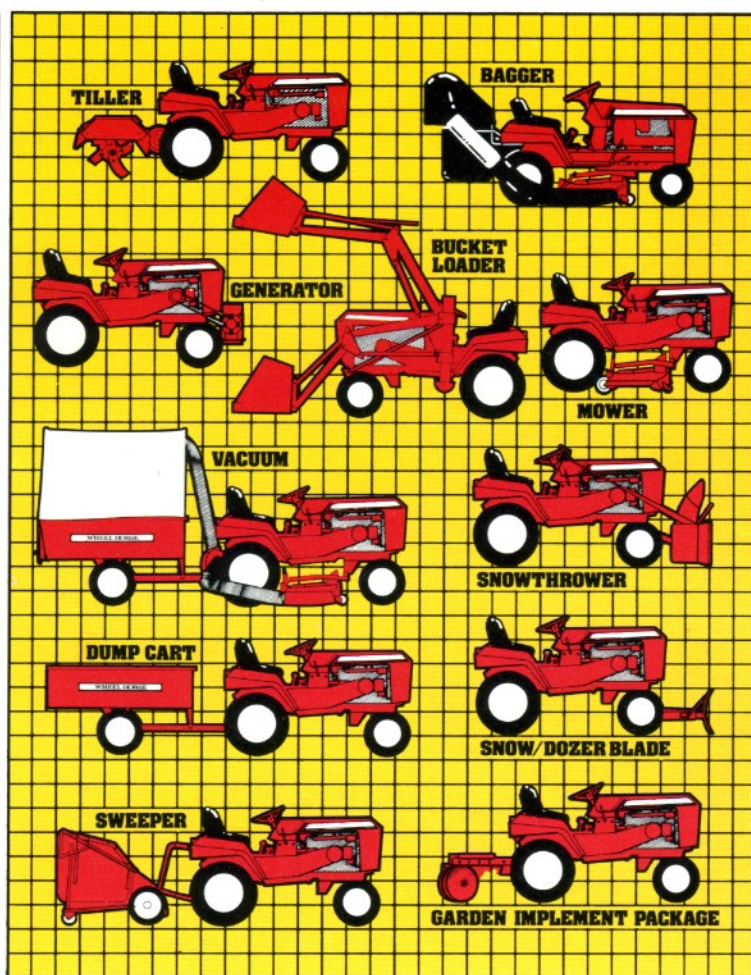
- True full-floating mower suspension system provides even cutting on any terrain.
- Precision fore-and-aft mower adjustments keep mower level.
- Single lever control allows easy changes of mowing height whenever desired.

### Wiring: Simple and sure.

- Interlock system prevents engine from being started with transmission or attachments engaged.
- Seat switch stops engine if operator leaves seat while PTO is engaged.



# Dress up your Wheel Horse.



Clothes may not make the man. But attachments certainly do make the tractor. Especially Wheel Horse tractors.

Because Wheel Horse offers such a large variety of attachments, there's virtually nothing you can't do. Over 100 attachments in all. Dump carts. Sweepers. Vacuums. Baggers. Tillers.

Snow blades. Snowthrowers. Bucket loaders. Plows. Discs. Cultivators.

Aerators. Thatchers. Spreaders. Rollers. Sprayers. Even log splitter and power generators. (See our Buyer's Guide for the entire list of attachments and specification information.)

Of course, all Wheel Horse riders and tractors accommodate mowers with the full-floating suspension system. This versatile mower design handles all the ups, downs and contours of any lawn. So every time you mow, it's a smooth and even cut — without scalping.

**Straightforward design, sound engineering and tight quality control all combine for long, trouble-free operation.**

But if service is ever required it's done by factory-trained personnel specially equipped to do the job.

Wheel Horse was one of the first in the lawn and garden tractor business to operate regional training schools for dealers to keep them up to date on service procedures and techniques. A nationwide group of regional service representatives is also available to assist with specialized service problems.

**Need parts in a hurry? We deliver.**

Wheel Horse developed a quick identification system for parts and service information that enables the dealer to provide the fastest possible service. A well-stocked spare parts inventory helps your Wheel Horse dealer service what



he sells. Regional spare parts warehouses assure prompt delivery of parts that may not be in the dealer's inventory.

**Our Owner Protection Plan is everything its name promises.**

Another important aspect of Wheel Horse service is the "Owner Protection Plan." The Plan speeds warranty service work. If your Wheel Horse should require service within the warranty period, just present your Owner Identification Card to your dealer.



If you move, the card assures you of service at any authorized Wheel Horse dealership. And it helps reduce the paperwork so that your problem can be handled quickly and efficiently.

**No need for guesswork with our owner's manual.**

Easy-to-read, well-illustrated owner's manuals include step-by-step instructions for routine maintenance items. In addition to standard specifications, each owner's manual provides tune-up and general maintenance instructions for do-it-yourselfers. A handy troubleshooting checklist helps you diagnose and remedy minor service problems. And recommended practices for the safe operation of your Wheel Horse tractor or rider are included. Parts manuals for your tractor and attachments are also available.



# Letters to the Editor.

Over the years, we've heard some pretty nice comments about our products. Comments from folks like you and your neighbors.

We think there are good reasons why people have been so complimentary. It's because they believe that they've gotten their money's worth. And then some.

Wheel Horse products are engineered to work hard. Year after year. And, in most cases, Wheel Horse tractors are worth as much after five years hard labor as they were new.

But don't just take our word for it. Listen to what some other folks have to say:

Hey Wheel Horse:

Let's hear it for our side. I've been seeing and hearing ads by one of your competitors where they talk to their tractors or mow half of their state.

If deers run so good how come they use horses in the Kentucky Derby? Have had my Horse (Model 1054) about 15 years and haven't talked to it yet. I listen, listen to her contented purr as she goes about her assigned chores, whether it be cleaning up after our Ohio

blizzards or going round and round in my yard mowing and picking up grass. I also used it for about eight years on my one-acre rural laundromat.

I don't know how much of Ohio I've mowed, but if I were mowing north I'm sure I'd be in Michigan by now.

...Everytime I see or hear a Deer (sic) ad I want to challenge them to a duel, with my Horse of course.

Thomas B. Cavanaugh  
Enon, Ohio

Gentlemen:

In 1961 we purchased a 5½ HP model ST 551 Wheel Horse riding mower...this was money very well spent. The mower still works well. We have a large yard (110' x 300') and we have used this mower every year since it was purchased. It has needed a minimum of repair work. All the equipment is original, including the tires. Only the battery was replaced.



...I appreciate people who build a quality product.

Yours truly,  
Irvin R. Anderson  
St. Paul, Minn.



Dear Sir:

At the time of purchase of my 1975 B-80 lawn tractor, I was impressed by your remarks inside the cover of my owner's manual. You indicated your interest in my satisfaction with Wheel Horse products and urged me to contact you should dissatisfaction occur.

I am certainly not writing to you out of dissatisfaction. Quite the contrary, I am continually impressed by the durability and quality built into your products. In northeastern Ohio we have experienced two very severe winters, not without national company. Record snowfalls did not deter my

B-80 from handling all accumulations and drifts in a driveway over 300 feet long and uphill. Enclosed is a picture of just a fraction of the snow my B-80 carved away, tons of it. Note that I managed without even mounting chains.

Summer provides no idle time for my Wheel Horse either, since I cut over three acres of rolling grassland around my house on a weekly basis.

...I extend my thanks to the professionals at Wheel Horse products for such a fine machine...

David F. Hopka  
Hinckley, Ohio

Dear Sirs:

This month our Wheel Horse is 15 years old. It was my present on my 10th birthday — quite an unusual gift for a 10-year-old girl. Other than new belts and a new choke, it still has a lot of power and purrs like a kitten. I've given it a lot of abuse, but it takes everything I can dish out. Now that I'm married, it has come to be a part of my new

"family." We own 53 acres and the "Horse" handles it beautifully. When this one can no longer be operated, we plan on buying a new one. As far as I'm concerned, I'd go into debt for a new one. Thank you for building a machine that has lasted over 15 years, and here's to another 10.

Betsy Wilkinson-Kramer  
Brooktondale, New York



**If you never considered a lawn and garden tractor an investment, consider this:**

Chances are you could trade in your Wheel Horse in five years and get the same

price you originally paid for it. That's because Wheel Horse tractors have the highest resale value in the industry. And Wheel Horse products are so dependable, it's hard to find used ones. Remember, you've invested

a lot in your home and property. Now invest in the lawn and garden tractor that really pays off—in reliable performance today, in trade-in value years from now. Of course, no one wants to part company with

a winner like Wheel Horse. But, like any investment, isn't it nice to know you could?



# Don't buy a lawn and garden tractor. Invest in one.





# Wheel Horse A-Series...easy riding.



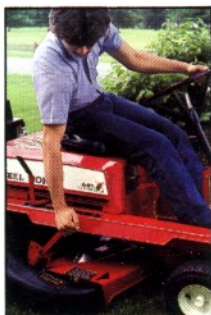
A-81 with rear bagger.

Haven't you been pushing that walk-behind mower long enough? If so, the time has come. Time for you to step up to America's Easy Riders. A-Series riding mowers from Wheel Horse.

Designed for the home-owner with one-third acre or more whose primary concerns are cutting and bagging grass, the A-Series riders get the job done. Quickly. Efficiently. Easily.

Features include full-floating mowers to prevent scalping, and turf tires that go easy on your lawn. Powerful 5, 8 or 11 HP Briggs & Stratton engines. 8 and 11 HP engines Synchro-Balanced® for quieter, smoother operation and

**New mower height adjustment.**



®Synchro-Balanced is a registered trademark of the Briggs & Stratton Company.



5.5 cu. ft. dump cart.

less vibration. Seat switch activated PTO interlock system stops engine if operator leaves seated position with transmission in gear or



Disposal of clippings comes easy with rear bagger.

Riders from the A-Series are designed with easy operation in mind. Tight 30" inside turning radius means extra maneuverability and control for tight trimming and control around trees and shrubs. The pinion and sector steering gears provide mechanical advantage for quick, responsive handling and easy turns.



A-111 with 36" rear-discharge mower.

PTO engaged. And an easy-shift gear transmission with five forward speeds and reverse to match ground speed to grass conditions.

The A-Series is used primarily for mowing and bagging, but other lawn care attachments can also roll, aerate and sweep the lawn.



A Wheel Horse innovation on the A-Series is the heavy-duty, positive-acting, cone type PTO clutch—a tractor-type feature seldom found

on riding mowers. Cut your grass while you ride in style on an A-Series rear-engine riding mower from Wheel Horse.

## When it comes down to the basics, nothing does it better than Wheel Horse's B-82 and B-112.

Maybe that "bargain" tractor wasn't such a bargain. What you need is simply a dependable riding mower that will cut and bag your grass, plus do a few odd jobs. Like hauling. Rolling. Aerating. Sweeping. Even snow removal. But you don't want to spend a lot of money.

If that sounds like you, consider the B-82 and B-112 lawn tractors. These tough little units will do everything you'd expect from a riding mower, plus the sturdy front-engine design makes them capable of other basic lawn chores. Plus snow removal with a blade or a blower.



Heavy-duty, cone-type mower clutch on A and B-series.

Features on the B-82 and B-112 models include: Heavy-duty, positive-acting, cone-type PTO clutch. 8 or 11 HP Synchro-Balanced Briggs & Stratton engines.

Electric starting. 3-speed manual transmission. Strong one-piece steel frame. Seat switch activated PTO interlock system.



B-82 with rear bagger.



## Who says practical can't be fun?

Let's set the record straight. Wheel Horse builds quality riding mowers and lawn tractors for people who take pride in their property and need a basic, reliable product to help them maintain it.

And no matter what size property you have, Wheel Horse has a unit to meet your needs. Gasoline or battery-powered. Front-engine tractors or rear-engine riders. All ready to work hard for you all year long.

But once in a while we hear that a Wheel Horse owner is deriving a certain amount of pleasure from operating his Wheel Horse. In fact, it seems a lot of you get a real charge out of driving your rider or tractor.

For the record, a Wheel Horse is not a toy. It's a tough, dependable tool that should be used carefully and thoughtfully for basic lawn care maintenance.

But who says working hard has to be hard work? So if you enjoy driving your Wheel Horse, we say more power to you.

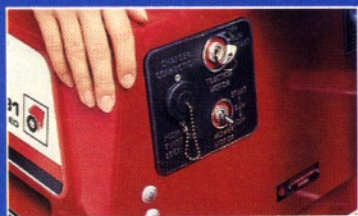


# Wheel Horse E-Series. Power for the future.



E-81 with mower.

The future is now. Wheel Horse engineering has brought the quiet efficiency of battery power to lawn care. The E-141 is built on a standard Wheel Horse 8-speed Uni-Drive chassis for maximum ground speed flexibility. It uses many of the tough power transmis-



Close-at-hand controls for E-81.



E-81 batteries are easy to service.

sion components of its gasoline counterpart. The electric E-141 features include: The "Brain-in-a-Box" contains most of the tractor's electrical control

discharge batteries for long life.

For the homeowner who wants the dependability of a Wheel Horse riding mower plus the quiet efficiency of an electric model, consider the E-81 battery-



E-141 batteries, controls and Brain-in-a-box circuitry module.

powered rider. The E-81 features all the major attributes of our A-Series riders such as the gear transmission in easy-to-use, straight-



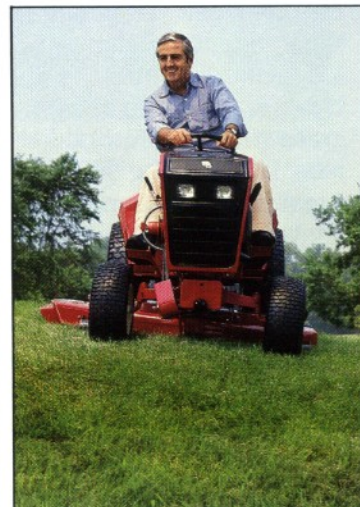
E-141 gives clean, quiet performance.

circuitry and is easily removed for off-tractor servicing. Automatic battery charger for overnight recharging. Heavy-duty, electric vehicle-type deep-

line pattern. Plus: Off-board battery charger for overnight recharging. Heavy-duty, electric vehicle-type deep-discharge batteries.

## Full-floating mowers for a smooth finish.

All lawns are not created equal. Most have a variety of hills, dips and uneven terrain. That's why all Wheel Horse lawn and garden trac-



tors feature the full-floating mower suspension system.

Precision fore-and-aft mower adjustments keep the mower level at all times. The gauge wheels and anti-scalp rollers allow the mower to follow the ground contour at a constant height. So you always get an even cut — without scalping. Every time you mow.

## Attachments are a snap.

Wheel Horse C-Series and D-Series tractors feature the exclusive Tach-a-matic hitch system. With this exclusive process, attachment change over is simplified. From season to season. Mower to snowthrower. Snowthrower to tiller. Tiller to mower. The attachments go on and off — without tools. It's that simple.



The selection of a lawn and garden tractor is an important one. Every homeowner's needs are different. That's why Wheel Horse builds 20 models with a wide range of engine sizes and attachment capabilities. So there's a Wheel Horse for every reason and every season. There's one for you.

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# **Wheel Horse** **Magazine** SUPPLEMENT

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1982 BUYER'S GUIDE  
SPECIFICATIONS / ATTACHMENTS

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# Wheel Horse LAWN Tractors

Basic Lawn Care is needed by the homeowner who wants more than a walk-behind mower. His primary concern is cutting and bagging grass on a third acre or larger lot. Additional usage requirements are limited to simple lawn care chores such as hauling, rolling, aerating or sweeping. In winter, snow removal might be an additional benefit.

**THE A-SERIES RIDING MOWERS** — Convenient, maneuverable and affordable, the A-Series riders can handle most lawn care needs. Features include full-floating mowers to prevent scalping, cone-type PTO clutch and a seat-activated safety switch that stops the engine if the operator leaves his seat while the transmission or PTO is engaged. Transmission is in an easy in-line shift pattern with five forward speeds and reverse. Plus a 38" blade for snow removal.

**THE B-SERIES LAWN TRACTORS** — A step up in size and strength, these tractors do everything you'd expect from a riding mower, plus the sturdy front-engine design makes them capable of other chores like handling a snow blade or snowthrower. One of the most popular features is the quick and easy electric start. Other features include heavy-duty positive-acting cone-type PTO clutch, 3-speed manual transmission, snowthrower or blade capacity and seat-activated PTO interlock system.

**THE E-SERIES ELECTRIC HORSES** — Quiet efficiency in two easy-to-operate, battery-powered mowers. Features include off-board battery charger for overnight recharging and separate servicing, and heavy-duty, deep-discharge batteries.

Model	A-51 5-Speed	A-81 5-Speed	A-111 5-Speed	B-82 3-Speed	B-112 3-Speed	E-81 5-Speed	E-141 8-Speed
Engine Cylinder Cooling	5 HP 1 Air Cool.	8 HP 1 Air Cool.	11 HP 1 Air Cool.	8 HP 1 Air Cool.	11 HP 1 Air Cool.	Permanent Magnet Motor 36 V.D.C. Electric	Permanent Magnet Traction Motor 36 V.D.C. Electric
Transmission	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Ground Spd. (mph)							
Forward	1.8-6.4	2.0-6.9	2.0-6.9	1.3-3.7	1.3-3.7	1.6-5.6	0.4-5.1
Reverse	3.0	3.3	3.3	1.7	1.7	2.7	0.5-2.4
12 Volt Bat. AMP Hrs.	Recoil Start	24	24	24	24	90 (3 ea.)	90 (6 ea.)
Wheel Base	41.0"	41.0"	41.0"	45.5"	45.5"	41.0"	45.5"
O.A. Width	40.0"	40.0"	40.0"	39.0"	39.0"	40.0"	38.0"
O.A. Length	54.0"	54.0"	54.0"	65.0"	65.0"	54.0"	68.0"
O.A. Height	40.0"	41.0"	41.0"	37.0"	37.0"	41.0"	41.5"
Weight (lbs.)	250*	330*	330*	465*	485*	390*	825
Tires							
Front	4.10x3.50-4	13x5.0-6	13x5.00-6	13x5.00-6	13x5.00-6	13x5.00-6	16x6.50-8
Rear Turf	13x5.0-6	15x6.0-6	15x6.00-6	18x6.50-8	18x6.50-8	15x6.00-6	23x8.50-12

\* With mower.

\*\* With 36" rear discharge mower.



## A-SERIES



### ☐ A-51

- 5-horsepower Briggs & Stratton engine with manual start
- Full-floating 32" side-discharge mower



### ☐ A-81

- 8-horsepower Synchro-Balanced® Briggs & Stratton engine
- Electric start
- Single lever height adjustment, full-floating 32" side-discharge mower
- Rear bagging attachment available



### ☐ A-111

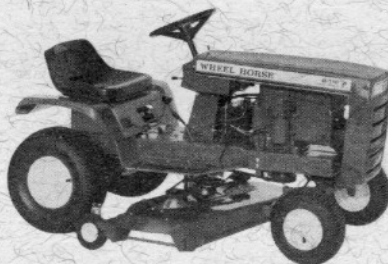
- 11-horsepower Synchro-Balanced Briggs & Stratton engine
- Electric start
- Single lever height adjustment, full-floating 32" side or 36" rear-discharge mower models available
- Rear bagging attachment available

## B-SERIES



### ☐ B-82

- 8-horsepower Synchro-Balanced Briggs & Stratton engine
- Full-floating 32" or 37" side or 36" side or rear-discharge mowers available
- Rear bagging attachment available



### ☐ B-112

- 11-horsepower Synchro-Balanced Briggs & Stratton engine
- Full-floating 32" or 37" side or 36" or 42" side or rear-discharge mowers available
- Rear bagging attachment available

## E-SERIES



### ☐ E-81 Electric

- Battery-powered riding mower
- Full-floating 32" side-discharge mower—electric motor driven
- Easy-to-use pattern on gear transmission with five forward speeds and reverse



### ☐ E-141 Electric

- 8-speed Uni-Drive® transaxle on battery-powered tractor
- "Brain-in-a-box" circuitry module
- 42" rear-discharge mower—electric motor driven

® Synchro-Balanced is a registered trademark of the Briggs & Stratton Company.



# Wheel Horse LAWN & GARDEN Tractors

Some homeowners require more than just lawn care. They need a tractor to help out in the garden with tilling or plowing, landscaping or removing heavy snow. That requires the power and versatility of true lawn and garden tractors.

**TOP OF THE LINE B-SERIES** — The Wheel Horse B-85, B-115 and B-165 have been designed to make them a cut above an ordinary lawn tractor. The front-engine design and heavy-duty transaxle enable these tough tractors to till a garden as well as to perform their traditional lawn care and snow removal duties. Features include choice of automatic transmission (11 or 16 HP), electric starter, heavy-duty positive acting cone-type PTO clutch, sealed beam headlights, and the capacity to handle tiller, snowthrower, snowblade or rear-bagging attachments.

**THE C-SERIES** — For the jobs that require more power, the C-Series tractors are versatile machines that can be used on the lawn or in the garden. They handle gardening and landscaping chores as well as a wide range of lawn care attachments. That includes everything from snow removal to rear and side-discharge mowers with vacuum or sweeping options.

Features include the Wheel Horse exclusive Uni-Drive® Transaxle, choice of automatic transmission (12, 14 or 17 HP), arc-welded steel frame, sealed beam headlights, 3-gallon rear-mounted fuel tank, full-floating mowers, and the Tach-a-Matic® easy hitch system.

**THE D-160** — The most powerful Wheel Horse machine you can buy is the D-160 Estate Tractor. Designed for heavy-duty yard work, the D-160 can be used on small farms and commercial operations as well as home lawn and garden jobs.

## B-SERIES



### □ B-85 5-Speed

- 8-horsepower Synchro-Balanced Briggs & Stratton Engine
- 5-Speed transaxle
- Full-floating 37" side or 36" side or rear discharge mowers available
- Rear bagging and tilling attachments available



### □ B-115 5-Speed

- 11-horsepower Synchro-Balanced Briggs & Stratton engine
- 5-speed transaxle
- Full-floating 37" side or 36" or 42" side or rear-discharge mowers available
- Rear bagging and tilling attachments available



### □ B-115 Automatic

- 11-horsepower Synchro-Balanced Briggs & Stratton Engine
- Automatic transmission with single lever control
- Full-floating 37" side or 36" or 42" side or rear discharge mowers available
- Rear bagging and tilling attachments available

Model	B-85 5-Speed	B-115 5-Speed	B-115 Automatic	B-165 5-Speed	B-165 Automatic	C-85 8-Speed	C-105 8-Speed	C-125 8-Speed	C-125 Automatic	C-145 Automatic	C-175T 8-Speed	C-175T Automatic	D-160 Twin Auto
Engine	8 HP	11 HP	11 HP	16 HP	16 HP	8 HP	10 HP	12 HP	12 HP	14 HP	17 HP	17 HP	16 HP
Cylinder	1	1	1	2	2	1	1	1	1	1	2	2	2
Cooling	Air Cool.	Air Cool.	Air Cool.	Air Cool.	Air Cool.	Air Cool.	Air Cool.	Air Cool.	Air Cool.	Air Cool.	Air Cool.	Air Cool.	Air Cool.
Transmission	Manual	Manual	Automatic	Manual	Automatic	Manual	Manual	Manual	Automatic	Automatic	Manual	Automatic	Automatic
Ground Speed (mph)													
Forward	1.0-4.8	1.0-4.8	0.5-5.5	1.0-4.8	0.5-5.5	0.5-5.5	0.5-5.5	0.5-5.5	0.7-0	0.7-0	0.5-5.5	0.7-0	0.6-3
Reverse	1.4	1.4	0.3-1	1.4	0.3-1	0.6-2.6	0.6-2.6	0.6-2.6	0.3-2	0.3-2	0.6-2.6	0.3-2	0.3-6
12 Volt Battery													
AMP Hours	24	24	24	24	24	24	24	32	32	32	32	32	45
Wheel Base	45.5"	45.5"	45.5"	45.5"	45.5"	45.5"	45.5"	45.5"	45.5"	45.5"	45.5"	45.5"	50.0"
Overall Width	45.5"	45.5"	45.5"	45.5"	45.5"	36.0"	36.0"	36.0"	36.0"	36.0"	36.0"	36.0"	45.0"
Overall Length	67.0"	67.0"	66.0"	67.0"	66.0"	68.0"	68.0"	68.0"	68.0"	68.0"	68.0"	68.0"	75.5"
Overall Height	37.0"	37.0"	37.0"	37.0"	37.0"	41.0"	41.0"	41.0"	41.0"	41.0"	41.0"	41.0"	46.3"
Weight (lbs.)	472**	505**	530**	535**	560**	590	640	650	680	690	620	650	815
Tires													
Front	13x6 50-6	13x6 50-6	13x6 50-6	13x6 50-6	13x6 50-6	16x6 50-8	16x6 50-8	16x6 50-8	16x6 50-8	16x6 50-8	16x6 50-8	16x6 50-8	18x8 50-8
Rear Turf or Cleat	20x10.00-10	20x10.00-10	20x10.00-10	20x10.00-10	20x10.00-10	23x8 50-12	23x8 50-12	23x8 50-12	23x8 50-12	23x9 50-12	23x9 50-12	23x9 50-12	26x12 00-12

\*\*With 42" rear discharge mower.





### ☐ **B-165 TWIN 5-Speed**

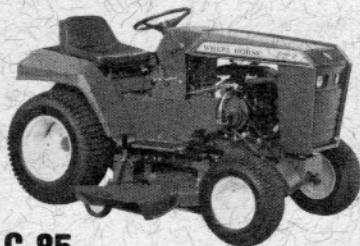
- 16-horsepower twin-cylinder Briggs & Stratton engine
- 5-speed transaxle
- Full-floating 37" side or 36" or 42" side or rear-discharge mowers available
- Rear bagging and tilling attachments available



### ☐ **B-165 Twin Automatic**

- 16-horsepower twin-cylinder Briggs & Stratton Engine
- Automatic transmission with single lever control
- Full-floating 37" side or 36" or 42" side or rear discharge mowers available
- Rear bagging and tilling attachments available

## **C-SERIES**



### ☐ **C-85**

- 8-horsepower Kohler cast iron engine
- 8-speed Uni-Drive transaxle
- Full-floating 36" side or rear-discharge mowers available



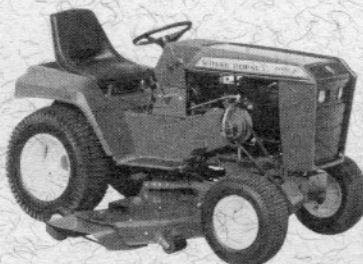
### ☐ **C-105**

- 10-horsepower Kohler cast iron engine
- 8-speed Uni-Drive transaxle
- Full-floating 36" or 42" side or rear-discharge mowers available



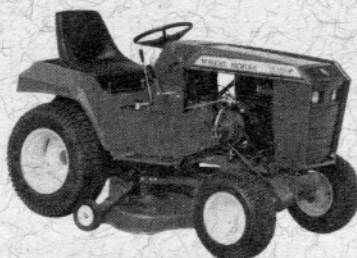
### ☐ **C-125 8-speed**

- 12-horsepower Kohler cast iron engine
- 8-speed Uni-Drive transaxle
- Full-floating 36" or 42" side or rear-discharge mowers available



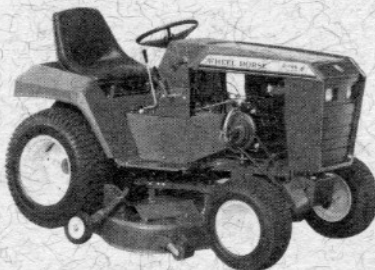
### ☐ **C-175 Twin 8-speed**

- 17-horsepower twin-cylinder engine
- 8-speed Uni-Drive transaxle
- Full-floating 36" or 42" rear or side, 48" side-discharge mowers available



### ☐ **C-125 Automatic**

- 12-horsepower Kohler cast iron engine
- Automatic transmission with single lever control
- Hydraulic attachment lift
- Full-floating 36" or 42" side or rear-discharge mowers available



### ☐ **C-145 Automatic**

- 14-horsepower Kohler cast iron engine
- Automatic transmission with single lever control
- Hydraulic attachment lift
- Full-floating 36" or 42" side or rear, 48" side-discharge mowers available



### ☐ **C-175 Twin Automatic**

- 17-horsepower twin-cylinder engine
- Automatic transmission with single lever control
- Hydraulic attachment lift
- Full-floating 36" or 42" side or rear, 48" side-discharge mowers available

## **D-SERIES**



### ☐ **D-160**

- 16-horsepower, twin-cylinder Onan engine
- Automatic transmission
- Hydraulic attachment lift
- 5.5 gallon fuel tank
- 3 point category "0" hitch and rear PTO included
- 48" mower available



**A GREAT PERFORMER\_\_as you like it.\_\_\_**

## QUOTATION

Recommended Tractor Model \_\_\_\_\_

Base Price \$

## Attachments and Accessories

[illegible]

Date \_\_\_\_\_

Date \_\_\_\_\_

Date \_\_\_\_\_

Date \_\_\_\_\_



515 West Ireland Road, P.O. Box 2649, South Bend, Indiana 46680

*Note: At time of printing (9/81), product information and specifications as shown were correct. Wheel Horse Products, Inc. reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligation.*





Conserving energy...preserving our environment. Two factors that are fast becoming a way of life. With this in mind, the engineers at Wheel Horse have developed a new concept in lawn and garden care that offers homeowners an alternative to gasoline power...the Electric Horses.

Available in the E-81 and E-141 models shown here, the Wheel Horse electrics are powered by heavy-duty, deep-discharge batteries. So they provide the kind of clean, quiet operation that the times demand and the environment appreciates. The Electric Horses also feature the latest in electronic circuitry. Engineered with traditional Wheel Horse durability and strength.

# THE ELECTRIC HORSES



Best of all, they're energy-efficient and convenient to own and operate. And they cost just pennies per acre to run. (See the chart below for average operating costs.) Just plug in your Electric Horse overnight. Next morning, it's ready to work. No more trips for gasoline — just a great-looking lawn you'll be proud of.

The Electric Wheel Horses. Built for tomorrow. Available today.

Cost to Mow One Acre — ¢/KWH											
	1¢	2¢	3¢	4¢	5¢	6¢	7¢	8¢	9¢	10¢	
E-81	4	7	11	15	18	22	26	29	33	37	
E-141	5	9	14	19	23	28	32	37	42	46	

Based on time to mow one acre and cost to recharge.  
For example, if the cost of electricity in your area is 5¢ per kilowatt hour, and you use model E-81 for three hours, then the cost to mow one acre is 18¢.

 **Wheel Horse**





## “And that’s only half the story.”

“Meet the other half of the team — your Wheel Horse dealer. He’s the reason why a Wheel Horse is your best buy in the lawn and garden market.

“No one knows lawn and garden tractors like your

local dealer. He’ll help you select the one that meets your needs exactly. He’s got all the answers to your lawn care questions. And all the skill to provide the best service in the business.

“In my racing years I

learned that the key to a great performance is an excellent pit crew. And your Wheel Horse dealer heads the finest crew around. From engineers to factory workers, salesmen to field service representatives —

the Wheel Horse team works with your dealer to deliver a product that truly performs.

 **WHEEL HORSE**  
lawn & garden tractors  
515 West Ireland Road • P.O. Box 2649 • South Bend, IN 46680

“And now you have the whole Wheel Horse story. Ask someone who owns a Wheel Horse — it’s a happy ending every time. See your Wheel Horse Dealer today.” — Jackie Stewart