

ELEC-TRAK ^T SALES SHEET

COMFORT

- QUIET, FUMELESS AND VIBRATION FREE

Without question we've made this tractor extremely comfortable. It's quiet and fumeless. There's absolutely no vibration.

- COOL OPERATION

It's cool in operation, there are no hot fumes or anything of that nature that you get with a gasoline tractor.

- HUMAN ENGINEERING

We've taken great efforts to make this a tractor for the home owner and for the individual. We didn't have to start with a farm tractor and shrink it down. We started with what we wanted to put into a tractor. We made this tractor extremely comfortable. It will fit a small child or it will fit an individual 6'6" tall without any difficulty. In addition, the controls are very simple and easy to operate.

SAFETY

- SAFETY INTERLOCKS

In regards to safety, we have a safety interlock in the seat so unless you sit on the seat the tractor isn't going to operate. Once you're on the seat, you turn the key on and you can operate the tractor by moving the control lever. If you get off the seat the tractor immediately stops. If you get back on the seat you're not going to go anyplace. The control lever must first be moved back to the neutral position. This resets the circuitry and the tractor will then operate. Likewise, on the mower, if you have the mower operating and you get off of the seat, the mower shuts off. If you get back on the seat, the mower will not restart until the power take-off switch is turned off and then back on. This resets the circuitry so that the power take-off will operate.

- INSTANT OFF

A major new safety innovation is the mower which has instant-off. The mower blades stop electrically in one second. If you try to jump off of the tractor seat and get your hands into the mower, you can't do it. It's impossible.

- GREATER STABILITY

This tractor has the greatest stability of any tractor in the market. We've been able to design the weight where we want it, so we have a very low center of gravity.

- SAFETY MOWER

There's been a lot of effort in designing a safe mower in addition to the instant stop. The rear discharge mower is very safe because it discharges underneath the tractor and the objects can't fly up and go off and hit somebody or go through a window or something of that nature.

- LOW VOLTAGE POWER

We've chosen 36 volts for this tractor because it's a very safe voltage level and extremely unlikely that anybody would ever get injured with a 36 volt source. Our safety specialists rate the electrical aspects safer than most all home and kitchen appliances.

OPERATION

- EASY STARTING

The operation of the tractor is very simple. There's really no starting. All you have to do is turn the key on and move the throttle.

- SPEED VARIATION

Speed variation is by moving the throttle forward. The further forward you move the throttle, the faster you go. As you move the throttle into the reverse position, you go in reverse. In addition to this speed control, there are four speed/torque ranges denoted D2, D1, LL and L. D2 is for fast transport. For mowing, raking and general lawn work you would use D1 while hilly terrain is covered more efficiently in L. Heavy snow blowing and rototilling is precisely controlled by the 1/4 to 1 1/2 mph available in LL.

- STANDARD POWER LIFT

The front lift is standard on all of the tractors.

- MANEUVERABILITY

The tractor has a 47" turning radius, the smallest among all comparable tractors.

- TRACTION

The weight distribution is such that the pounds per square inch are approximately the same on the front and rear wheels with substantially less marking than the front wheels of engine laden gasoling tractors. The Elec-Trak's weight is on the rear driving wheels where you want it. It's applied power is far superior to engine driven competition.

- QUICK CHANGE ACCESSORIES

One of our design criteria has been that all the accessories go on or come off in less than 2 minutes and the 200# rototiller can actually be taken off in less than a minute with no lifting or heavy effort. On a gasoline tractor it can take up to 3 hours just to put a tiller on and it's a 2 man job.

ADDITIONAL FEATURES

- MOBILE POWER CENTER

The Elec-Trak has many outstanding features. It is a mobile power center that a large variety of portable tools can operate from. We are manufacturing various 36 volt tools to operate off of the tractor. However, in addition an inverter may be dealer installed so that standard 110 volt tools can also operate off of the Elec-Trak.

- INDEPENDENT POWERED IMPLEMENTS

All of the implements have their own independent power. If you load up an implement it doesn't have any effect on the forward speed of the tractor. You have a lot of power right at the implement because it has it's own motor.

- ELECTRIC PLUS FRICTION BRAKING

This tractor has electric plus friction brake, so as you go downhill the motor generates power back into the power pack.

- HOME FUEL SUPPLY

One of the most important things is that you have a home fuel supply. Just remove the charger electrical cord from underneath the hood and plug it into any 110 volt 15 amp outlet. You don't have to worry about going down to the gasoline station and getting gas and storing it. Also there is always a danger of fire when pouring gasoline into a hot tractor. With electricity we have one of the cleanest, safest and low cost fuel supplies available today.

PERFORMANCE

- MOWING

When using a 42" rotary mower, you can mow 2 to 3 1/2 acres and this depends, of course, on the type of grass and how wet the grass is, how high it is and so on. With gang reel mowers you can mow between 5 and 7 acres on one charge.

- SNOW BLOWING

In snow blowing using a 36" or 42" single or two stage mower you can do 5 to 10 driveways 150 by 10 feet. The five driveways, for example could be very heavy deep snow with possibly some ice condition. The 9 or 10 driveways could be 6" snow and rather light.

- HAULING

Hauling a 300# load with a two wheel cart, the Elec-Trak will operate for 5 to 6 rolling hours. So in an 8 hour working day, it is very unlikely that you actually would operate it 5 to 6 hours. If you did that, all you'd be doing would be riding around and you wouldn't be stopping, unloading and doing work.

- TILLING

In tilling using a 34" tiller you can do up to 8 to 10,000 square feet, tilling to a depth of 8". Here again this depends upon the type of soil, and how heavily it is compacted.

- PORTABLE POWER TOOLS

The portable power tools, drills, the trimmer, tiller and the lighter hand tools can be operated for 15 to 20 hours. The chain saw will operate 4 to 6 hours but this is "on-time" cutting. It is very unlikely somebody even working eight to 16 hours a day would run the chain saw 6 hours.

ELEC-TRAK REFUELING

110V/15 amp household circuit.

<u>% Charge Replaced</u>	<u>Charging Time</u>
50%	2 hrs.
75%	3 1/2 hrs.
90-100%	5 hrs.

You can see that the above times do not represent all you can do in one day, because you can completely recharge the tractor in 5 hours. Half of the charge is back in two hours or 75% of the charge back in 3 1/2 hours. You could actually go out in the morning on a Saturday and work for three hours and completely discharge the unit. By midafternoon you'd actually have most of the charge back and could go out and work for 2 or 3 more hours. There's really no limit to what you can do with this tractor in one day of operation.

COST

- COMPETITIVE PRICE

Even with all the benefits, the Elec-Trak is competitive in price. For example, our E12 suggested price f.o.b. Schenectady is actually lower than the Case 10 hp unit with the power lift and about the same as the International 10 hp. Likewise with the E15 we are about in the middle of the 12 horsepower automatic unit and we have many more features than the other tractors. In a 14 horsepower class tractor, we are actually priced on the lower end of the scale with the E20. The pricing of these tractors is very competitive in all respects and, there are many features on the Elec-Trak that you can't get in a gasoline tractor. For example, the safety features and pulling capacity. You just can't duplicate the Elec-Trak safety features on a gasoline tractor.

- LOWER MAINTENANCE

The maintenance, of course, is lower because any electrically operated vehicle is simpler than a comparable gasoline driven equipment.

- LOWER FUEL COST

The fuel cost is lower, depending upon the price per kilowatt hour of the power, this would range anywhere between 8 to 10 cents an acre for mowing. A gasoline tractor costs 20 to 30 cents per acre.

WARRANTY

The complete Elec-Trak is warranted for:

- 1 year in home use
- 3 months in commercial or institutional use.

The Power Pack is warranted for 5 years:

- 2 years (6 months in commercial or institutional use)
Full replacement for defects in material and workmanship.
- The next 3 years are pro rated service charge. The customer pays for only the time used.

With normal use (operation of the tractor for 2 - 3 times a week) the Power Pack is expected to last 8 - 10 years. Cost of replacing power pack modules after the full five - year warranty period is estimated at \$30 - 35 for each of the 6 standard units. However, it is unlikely that all the power pack modules will have to be replaced at the same time.

COMMERCIAL MARKETS

We see many applications for the Elec-Trak in commercial markets, for example in airports for baggage handling, because it's fumeless and quiet, in cemeteries because of it's trimming ability and because it's quiet, for factory material handling applications because it's fumeless and much cheaper than the more light duty fork trucks and heavy towing trucks that many factories are using today. We are finding many farm applications because it's quiet and there is no fire hazzard. Farmers are going to find many uses for the Elec-Trak.

We find applications in green houses, around hospitals, institutions, schools, colleges and universities. You can cut grass right up close to the school or the hospital with a minimum of disturbance. The Elec-Trak will also find applications in warehouse, residential construction, building construction and many other places.