

Electric Lawn Tools

A Guide to Buying E-Tools for Your Lawncare Needs

Why Electric Lawn Care Equipment?

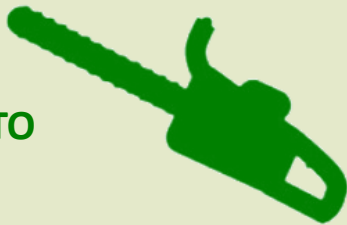
We know that the greenhouse gas emissions from driving our cars are harmful to the environment, but have you thought about the environmental impacts of using gas-powered lawn tools?

Two-cycle engines, like chainsaws and leaf blowers, emit particulate matter, just like cars. Particulate matter can be very harmful to human health and can increase the risk of cancer in individuals. Studies show that two-cycle engines are responsible for the highest percentage of the particulate matter measured in our atmosphere.



Don't worry, we have a solution! More and more companies are making electric versions of the tools we often use to maintain our yards and cut firewood.

GOOD TO KNOW



- Electric tools (mowers, chainsaws, and leaf blowers) can last 5-10 years.
- E-tools require minimal maintenance.
- Running a chainsaw for 6 hours emits the same amount of emissions as driving a car for 3,000 miles.

The Benefits & Drawbacks of Electric Lawn Tools

BENEFITS	DRAWBACKS
Quiet	Heavier equipment
Zero emissions during use	Disposing of batteries is challenging
Protects air quality & public health	Extreme heat and cold can affect battery capacity
Offers a sustainable selling point to engage more customers	May be less powerful than gas powered equipment

Try Before You Buy

Using tool libraries is a cost effective and sustainable way to learn about different products. Here are some nearby options:

Maine Tool Library, Portland portlandmainetoollibrary.org/

South Portland Electric Tool Library, South Portland Public Library
southportlandlibrary.com/spetl/

Library of Things, Curtis Memorial Library, Brunswick curtislibrary.com/library-of-things/



Reference: Enroth, C. (2022). "What's Better: Gas or electric-powered lawn and garden tools?" University of Illinois, Illinois Extension. <https://extension.illinois.edu/blogs/good-growing/2022-11-24-whats-better-gas-or-electric-powered-lawn-and-garden-tools>

