



Environmental declaration

Sustainable and creative machinery

FIRSTGREEN Industries has entered the market with one simple task: to provide sustainable, environmentally conscious, zero emission, fully electric machines. Capable machines, which do the work, while protecting the world in which we live, in which our future generations will live. Conservation of the environment, respect and sparingness are the core values we adhere to with our machines, production and daily work.

Efficiency is one of the most important building blocks of sustainability and environmental protection. Wasting resources, energy and time inadvertently leads to excess production, pollution and damage to the environment. Our manufacturing process of no-nonsense, hand-built machinery and locally produced machinery helps us achieve this goal. Our home base, the newly opened manufacturing plant in Velká Dobrá is a

modern, high-tech facility, created with sustainability in mind. Heat insulated, powered and heated by ecological means.

Satisfying the needs of every task, while not endangering the environment, may seem impossible when working with heavy machinery, but it doesn't have to be. With our machines, being environmentally conscious is the norm. Our machines use modern, yet proven technology, built with recyclable materials, produced in Europe and adhering to the high ecological standards of the EU. Thanks to battery-powered, electric drive technology, our machines don't waste energy during idle time. FIRSTGREEN Industries machines use lead-acid batteries, a time-proven technology, with full recyclability, which ensures further reduction of the environmental impact. Electric drive also means cutting down on filters, coolants, oils and other fluids, which could potentially be a threat to the environment. The simplicity that we utilise in our machines means low maintenance and

repair costs, and the modular construction ensures easy repair and part replacement, meaning our machines can be kept in operation without the need of replacement. Some of our new technologies and improvements can be retro-fitted to our machines as well, meaning already existing machines can be kept up to date easily, not becoming obsolete.

Environmental declaration and pledge of protection

Information listed below is relevant to all of our machines produced in the Czech Republic, starting from October 2021 onward. All of our newly produced machines adhere to the same standards, regardless of the target market to which they are being supplied. The content of this declaration is subject to future change without notice, and it is valid since the date of issue. For additional information, please review our individual product brochures and Operation and Maintenance manual.

Zero local emissions

Thanks to electric drive, our machines produce zero exhaust and no local emissions, thus having no direct CO2 footprint and not endangering the environment.

Materials, paint and surface treatment

- Ⓢ Upholstery and other materials in the cab do not contain any mercury.
- Ⓢ The brake pads do not contain any cadmium or asbestos.
- Ⓢ The complete machine does not contain any mercury, cadmium or asbestos.
- Ⓢ Refrigerant R134a is used for A/C equipped machines.
- Ⓢ We use high quality, durable, metal specific paints with no heavy metals and chlorine, to ensure the best possible surface treatment of our machines while not endangering the environment. Sound levels Our fully electric machines have drastically lower external sound levels when compared to conventional diesel machines.

ITEM DESCRIPTION	TYPE OF COATING	HEAVY METAL CONTENT	CHLORINE	PRE-TREATMENT
Elise and MiniZ frame and boom	High solid	<0.01%	<0.01%	jetting phosphating
Elise Cabin	High solid	<0.01%	<0.01%	jetting phosphating

Sound levels

Our fully electric machines have drastically lower external sound levels when compared to conventional diesel machines.

ITEM DESCRIPTION	ELISE 900	MINIZ 400
Sound power level	75 dB	73 dB

Oils and fluids

FIRSTGREEN Industries plant fills with the highly ecological Plantosyn 3268 ECO hydraulic oil, entrusted with the EU Ecolabel prize, or a standard hydraulic oil CS NORO HO 46 HLP.

Battery transport

FIRSTGREEN Industries transports lead acid batteries under ADR 8 rules and UN2794 code, li-ion batteries under ADR 9 rules and UN3480 code.

Recycling

The Elise 900 and the MiniZ 400 are both built with high quality, 99% recyclable materials.

MATERIAL TYPE	ELISE 900 400 Ah	ELISE 900 225 Ah	MINIZ 400
Steel and iron	2169 kg	2049 kg	548 kg
Lead-acid battery (98% recyclable)	1190 kg	810 kg	390 kg
Other non-iron metals (electromotors, cables, cooling)	158 kg	158 kg	74 kg
Glass	26 kg	26 kg	0 kg
Polymer and rubber	58 kg	58 kg	44 kg
Tyres	104 kg	104 kg	0 kg
Oil and fluids	56 kg	56 kg	36 kg
Other non-recyclable	39 kg	39 kg	8 kg
Total recyclable material	3761 kg	3261 kg	1092 kg
Total weight of the machine	3800 kg	3300 kg	1100 kg