Lawn trimmers and lawn edge trimmers
(hand-held electric mains-powered)
1. Introduction


Key
1) Rear handle & power switch
2) Front handle
3) Cutting means guard
4) Trimmer line

Note:
1. The standards indicated in this guide are the latest published versions.
2. The inspection of a product should be conducted using ONLY the standards as declared by the manufacturer in the D.o.C. delivered with the product.

Hand-held and pedestrian controlled electric mains-powered lawn trimmer and lawn edge trimmer
Main EU technical Directives to be applied to hand-held electric mains-powered lawn trimmers and lawn edge trimmers

Directive 2006/42/EC
Machinery

Directive 2000/14/EC
(as amended)
Outdoor Noise

Directive 2011/65/EU
RoHS
(as amended)
Restriction of Hazardous Substances

Directive 2012/19/EU
WEEE
Waste Electrical & Electronic Equipment

Directive 2014/30/EU
Electromagnetic Compatibility
1. Introduction

Is this lawn trimmer compliant with EU Directives?

✓ • This guide is intended for quick evaluation of electric hand-held lawn trimmer and lawn edger trimmer marking:
  – CE marking
  – Guaranteed sound power level

✓ • Documentation:
  – EU declaration of conformity (D.o.C.)
  – Instructions

✗ • This guide is not applicable for technical evaluations

✗ • This guide is not applicable to battery powered lawn trimmers and lawn edge trimmers

✗ • This guide is not applicable to combustion engine driven pedestrian controlled grass trimmers and brush-cutters.

✗ • This guide contains extracts of relevant regulations and does not claim completeness of contents
2. Machinery Identification  CE Marking

Machinery Directive 2006/42/EC

CE marking:
- The CE Conformity marking shall consist of the initials ‘CE’ as shown left;
- The CE marking shall be affixed to the machinery visibly, legibly and indelibly;
- The CE marking must include the minimum particulars (on the machine e.g. labelled, printed, embossed, etc.);
- The CE marking must be affixed in the immediate vicinity of the name of the manufacturer or his authorised representative, using the same technique.

Marking of machinery:
- Business name and address of the manufacturer or his authorised representative;
- Designation of the machinery (may be indicated by a code);
- Designation of series or type (may be indicated by a code and may be combined with the designation of the machinery);
- Serial number, if any;
- Year of construction/assembly;
3. Marking requirements

From EN 50636-2-91:2014

- Rated voltage or rated voltage range in Volts e.g. 230 V or 230-240 V
- Symbol for nature of supply, for example 50 Hz, ~
- Symbol for class II machines
- Rated power input in Watts or rated current in Amperes

From WEEE Directive 2012/19/EU

- Waste Electrical & Electronic Equipment
4. Marking / Outdoor Noise Label

**Outdoor Noise Directive 2000/14/EC (as amended)**

- The indication of the guaranteed sound power level must consist of:
  - the single number of the guaranteed sound power in dB
  - the sign $L_{WA}$ and
  - a pictogram taking the following form:

![Example](image)

- Noise limits for electric pedestrian controlled lawn trimmers and lawn edge trimmers
  $L \leq 50 = 96 \text{ dB(A)}$
5. Documentation / Instructions

Machinery Directive 2006/42/EC

For clarification, consult the European Commission Guide to application of the Machinery Directive 2006/42/EC

- Machinery must be accompanied by instructions in the official Community language(s) of the Member State in which it is placed on the market.
- The instructions must contain at least the following information:
  - business name and full address of the manufacturer and of his authorised representative (if the manufacturer is not located in an EU Member State);
  - descriptions and explanations necessary for safe use, adjustment and maintenance operations that should be carried out by the user, and preventive maintenance measures that should be taken;
  - a description of the intended use of the machinery (professional use and use by consumers);
  - warnings concerning ways in which the machinery must not be used that experience has shown might occur.
6. Documentation / EU Declaration of Conformity

2006/42/EC, 2000/14/EC, 2014/30/EU

For clarification, consult the European Commission Guide to application of the Machinery Directive 2006/42/EC

The EU declaration of conformity (D.o.C) must contain at least the following particulars:

• business name and full address of the manufacturer and, where appropriate, his authorised representative;
• name and address of the person authorised to compile the technical file, who must be established in the European Union;
• description and identification of the machinery including generic denomination, function, model, type, serial number and commercial name;
• a sentence expressly declaring that the machinery fulfils all the relevant provisions of this Directive and, where appropriate, a similar sentence declaring conformity with other Directives and/or relevant provisions with which the machinery complies;
• the name and address of the notified body which carried out conformity assessment in accordance with the Outdoor Noise Directive 2000/14/EC;
• the guaranteed and measured sound power level in accordance with the Outdoor Noise Directive 2000/14/EC;
• the place and date of the declaration;
• the identity and signature of the person empowered to draw up the declaration on behalf of the manufacturer or his authorised representative.
7. Warning text or pictograms on the machine*

- Read instructions
- Keep bystanders away

alternatives

Wear eye protection
Wear ear protection
Do not expose to rain (if applicable)
Disconnect the mains plug if the cord becomes damaged or entangled

* If pictograms are used, they must be explained in the instructions
* If text is used, it must be in the official language(s) of the country where the product is sold