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| EUROMAP 90 | Energy Efficiency Label |
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7 pages

This recommendation was prepared by the Technical Commission of EUROMAP.

Warning: This is a draft of a new EUROMAP recommendation.
It is published for public notification until 24. September 2014.
It may be changed before official release (planned for 1 October 2014).

Reasoned objections should be sent at euromap@vdma.org.

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1 Introduction

1.1 Purpose

This recommendation specifies a common energy efficiency label for plastics and rubber machinery. This label indicates the machine related energy efficiency class which has been determined by a EUROMAP recommendation for the specific machine type for comparison reasons.

Regarding the status of EUROMAP recommendations, it is emphasized that the use of the energy label is voluntary and no mandatory requirement for putting a machine on the European market. Nevertheless it is requested, that if an energy classification according to a EUROMAP recommendation is communicated by the manufacturer, the common label is used to avoid confusions arisen by the use of different labels.

No third-party certification is needed to issue the label, if the measurements for the determination of the machine related energy class are carried out according to EUROMAP recommendations.

1.2 Scope

This recommendation specifies an energy label for all machine types for which a EUROMAP recommendation for the determination of the machine related energy efficiency class has been published. These are currently

- Extrusion Blow Moulding Machines (see EUROMAP 46.1)
- Injection Moulding Machines (see EUROMAP 60.1)

The use of the EUROMAP label is limited to the scope defined here. The label may not be used for any other purpose.

2 Design and contents of the label

The template of the label is shown in Figure 1. The areas marked by the numbers shall be filled out with the following content and format:

Table 1: Contents and format of the variable parts of the EUROMAP energy label

| Area | Contents | Format |
|------|--|------------------------|
| 1 | Manufacturer and machine designation | Chosen by manufacturer |
| 2 | Machine related energy efficiency class | Arial, 100 pt, bold |
| 3 | Used EUROMAP standard and used test cycle if the recommendation allows more than one | Arial, 14 pt, bold |

The standard size of the label is A5 (148mm x 210 mm), but may be changed if the proportions are kept. Other modifications are not allowed.

The template is available as pdf, eps and tiff file on the homepage of EUROMAP. It may be used free of charge by the machine manufactures.

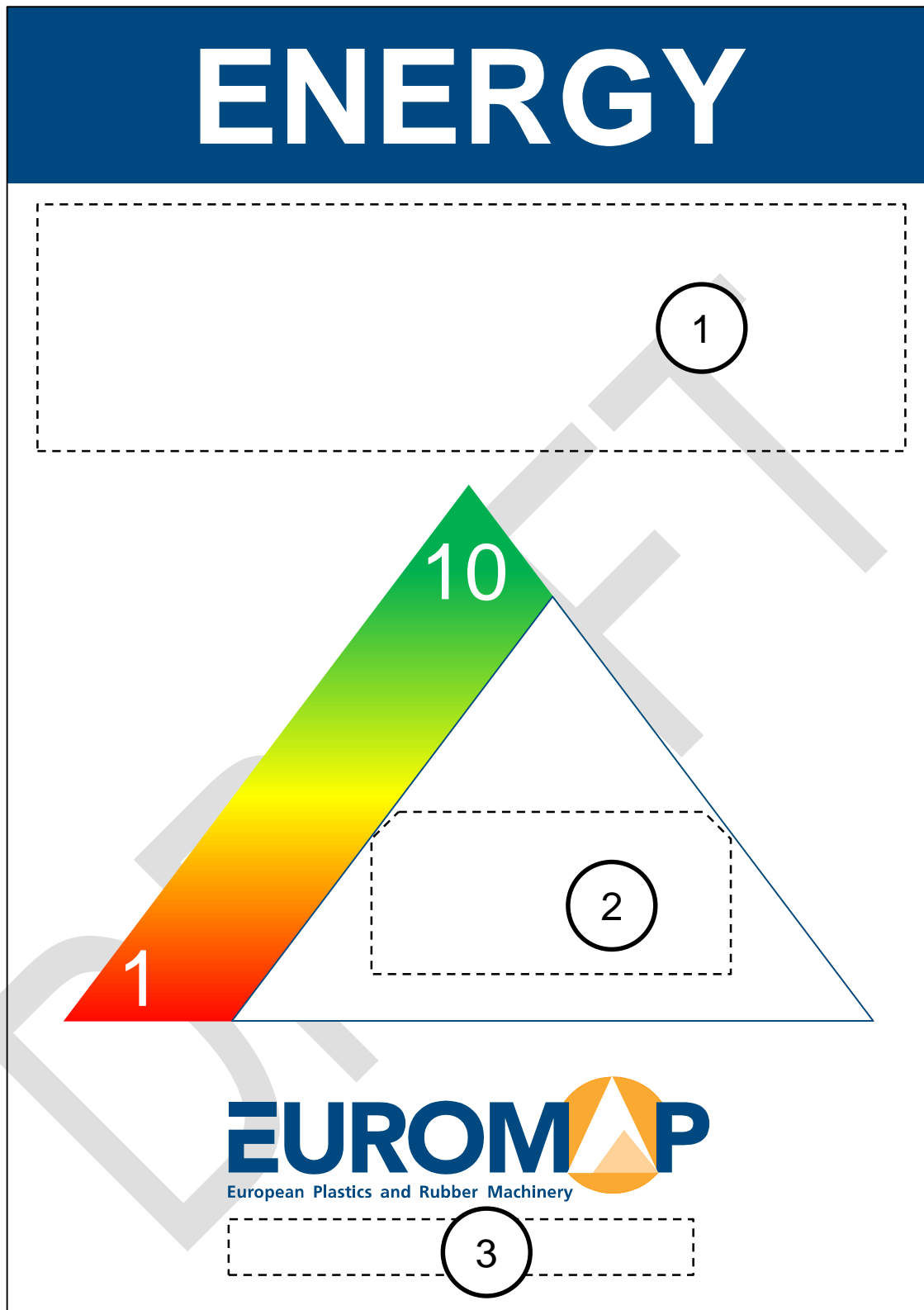


Figure 1: Template of the EUROMAP energy efficiency label

Example:

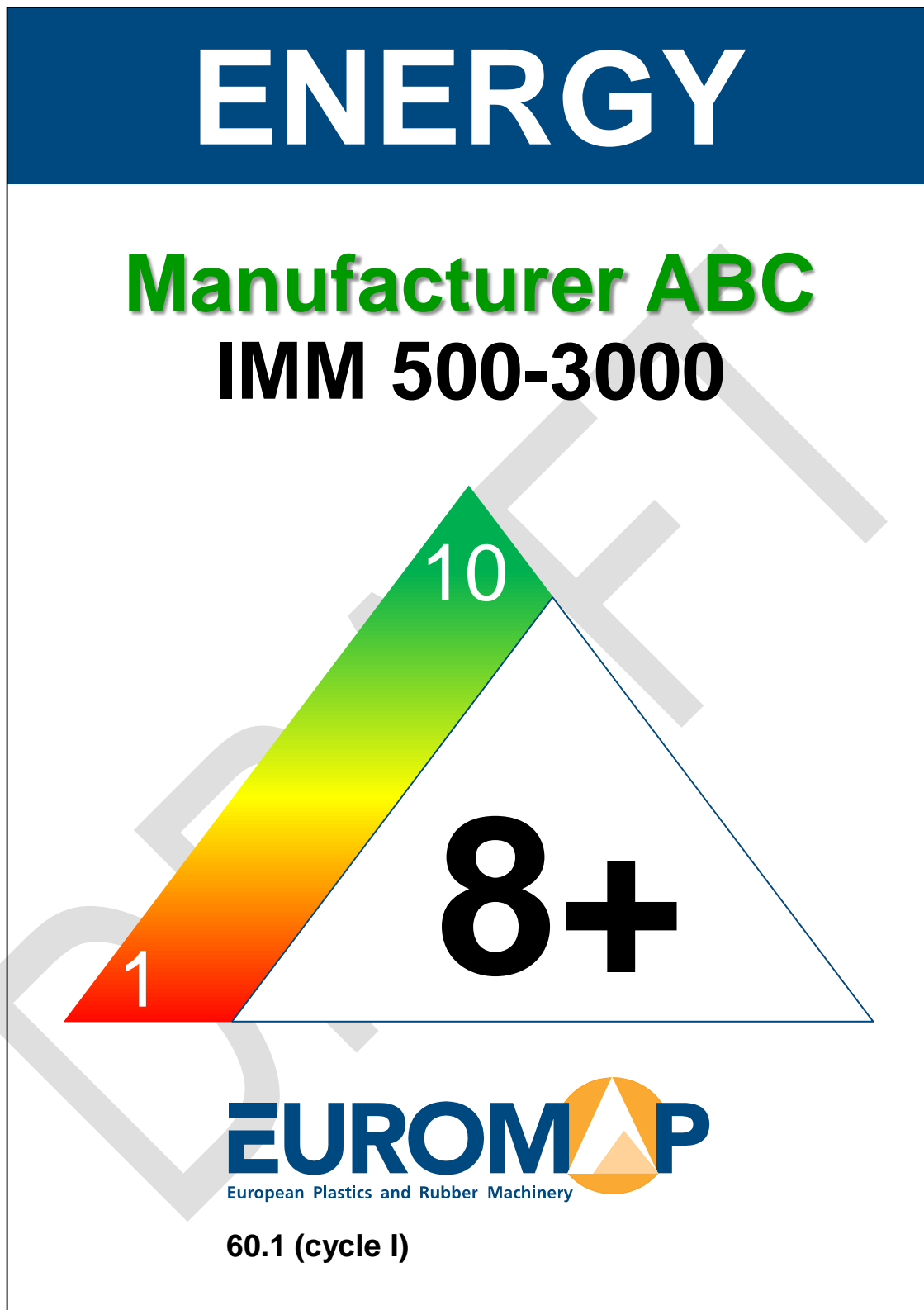


Figure 2: Example of a complete label for an injection moulding machine

As an alternative a compact version in the basis size 48 mm x 48 mm according to figure 3 and table 2 may be used if the label is fixed on the machine.

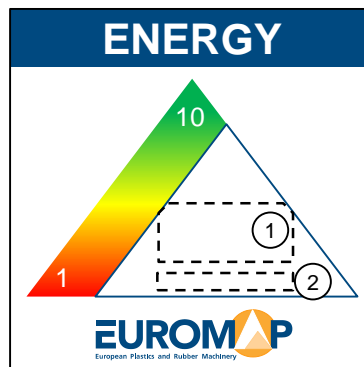


Figure 3: Template of the EUROMAP energy efficiency label (compact version)

Table 2: Contents and format of the variable parts of the compact label

| Area | Content | Format |
|------|--|---------------------|
| 1 | Machine related energy efficiency class | Arial, 28 pt, bold |
| 2 | Used EUROMAP standard and used test cycle if the recommendation allows more than one | Arial, 7 pt, normal |

Example:

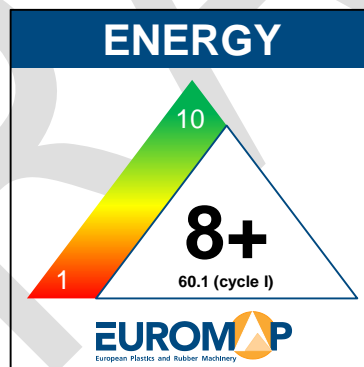


Figure 4: Example of a complete compact label for an injection moulding machine

EUROMAP

Europäisches Komitee der Hersteller von Kunststoff- und Gummi-
maschinen

European Committee of Machinery Manufacturers for the Plastics
and Rubber Industries

Comité Européen des Constructeurs de Machines pour Plastiques
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See you again

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