

EcoMark –
machines for
food marking using

NATURAL BRANDING



Natural branding offers you all the advantages of cost-effective and environmentally friendly marking for fruit and vegetables.

Absolutely no chemical consumables, packaging materials or stickers are used. The laser removes only the pigments of the outer layer without affecting the food. This allows you to respond to increasing organic requirements while simultaneously increasing your productivity through automation. Natural branding also offers you a flexible and environmentally friendly process without the use of inks and labels. EcoMark machines are fitted with a

30 W laser. It is therefore possible for labelling to be carried out in around 0.3 second per logo. Due to a special lens, height differences of up to 50 mm (+/- 25 mm) can be offset automatically.

New options

With the flexibility of natural branding, you have additional marketing options for every event. Whereas you used to have to calculate using lead times and additional costs, you can now respond quickly to every customer requirement. New logos and texts are imported quickly and a sample is produced straight away.



Software

It is possible to reorganise production in just seconds. The user-friendly software enables a different production setting to be called up with a few clicks. Should small corrections to the program be required due to a new change, this can be done straight away and the result can be looked at too. Optimum results can be produced for every product and the shelf life of products can be increased.

Machines

The NB 3001 model is the cost-effective introduction to natural branding technology. Individual products as well as whole crates can be marked rapidly. Thanks to the two loading stations, the box changeover can be made during marking. Downtimes are therefore reduced to a minimum.

With the built-in conveyor belt, the NB 3002 model enables marking "On the Fly". This means the machine marks the fruit continuously without stopping. The software automatically calculates the optimum belt speed. The machine capacity is therefore used optimally.

Your solution

Customisation and adaptation to existing production lines is of course always possible. Major time savings can therefore be made with few resources. Allow us to advise you.

We will be pleased to test results and cycle times with your products and logo.



Technical data

Model	EcoMark NB 3001	EcoMark NB 3002
External dimensions	2.500 x 2.000 x 1.200 mm	4.100 x 2.090 x 1.060 mm
Weight	Approximately 400 kg	Approximately 900 kg
Maximum item size (L x B x H)	600 x 400 x 300 mm	600 x 400 x 300 mm
Marking	Box + individually At a standstill	Box + individually On the Fly
Electrical connection	230 V	400 V; 16 A
Laser	30 W, CO ₂ laser	30 W, CO ₂ laser
Focus range	50 mm (+/-25mm)	40 mm (+/-20mm)
Laser class	1	1
Height measurement	Optional	Optional
Integrated suction	Optional	Optional
Camera	-	Optional