semket ®

Labeling systems

EFFECTIVE

MARKING

![semket logo]

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EFFECTIVE MARKING...

...is our passion.

That's why we have been designing complete solutions for labeling, product marking, as well as laser and defect marking for decades.

Therefore, we offer know-how and experience that focuses on individual solutions instead of imposed standards.

With our labeling and special machine program, additional components, a wide range of labels and accessories as well as software, graphic design and B2B support, you get everything from a single source.

CUSTOMIZED CONCEPTS

PERFECT ENGINEERING

INDIVIDUAL MARKING PROCESSES

EFFECTIVE MARKING

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semket WDH

1. WDM (Web Defect Marking)

WDM offers the possibility to perform and record a machine-readable defect marking from the basic production to the final assembly.

Integration of a surface inspection system as well as corona stations, thickness measurements and other machine conditions.

WDM:

- prints the defect designation/defect classes on the label produced exactly according to the requirements,

- data in barcode machine readable,

- application of the label on the defect position,

- marking of area defects with defect start and end label,

- application at web speeds of up to 1000 m/min.

Web Defect Handling

WDH

Web Defect Marking

WDM

Web Defect Visualisation

WDV

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Web Defect Handling

WDH
WDM Web Defect Marking
WDV Web Defect Visualisation

semket WDH

2. WDV (Web Defect Visualisation)

WDV is installed at the converting lines.

The roll protocol generated by WDM with all defect information and position details is available.

At the start of the finishing process, the operator is provided with a visualized defect map with position information.

Automatic stop at the defect position for processing.

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Defect Marking

SPM 4: The SPM 4 labeling system ensures fully automatic labeling in industrial applications.
Accurate positioning and precise label application complete the advantages of this reliable system.
- Automatic positioning with web edge guidance of the labeler.
- Reliable labeling even at running speeds up to 1,000 m/min.
- Thermal transfer printing unit for imprinting defect-relevant data.
- Configurable logging.

SAB: The SAB labeling system is used for the precise application of labels with:
- automatic positioning,
- reliably and always accurately. The high quality defect marking is carried out within a solid mechanical design,
- controlled by a *semket* software adapted to the needs.

AG 14: As a universal labeling machine the AG 14 defect marking system operates reliably, economically and flexibly.

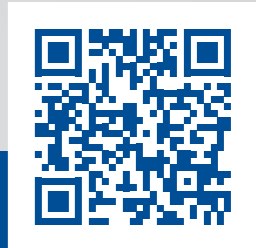The solution is adapted exactly to your needs.

SPM 4

SAB

AG 14

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Labeling Systems

Product searches label and vice versa

A labeling machine from **semket** always works the way you need it to: mechanically, semi-automatically or fully automatically. With all the additional equipment that makes up your tailor-made labeling system.

Integrated into your IT system or implemented in PPS (production planning and control) or BDE (production data acquisition) modules.

With the **semket** special machine program, you create a component for "Industry 4.0" processes.

DEFECT MARKING

PRODUCT LABELING

CARTON LABELING

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EFFECTIVE MARKING

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Industrial Solutions

For decades, our industrial solutions have provided individual and efficient coding and marking processes in many industries.

Customized **semket** concepts and perfect engineering support the business process and lead to quality assurance, process optimization and cost reduction.

Reliable B2B support from an experienced team including all necessary communication modules is standard at **semket**.

For this purpose, we develop all-round custom-fit solutions - as unique as the industrial companies we support already in the long term.

SPECIAL MACHINE PROGRAM

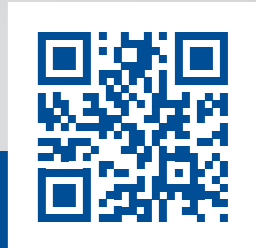**LASER SECURITY CODING**

INNOVATIVE SOLUTIONS

EFFECTIVE MARKINGS

with *semket* **Labels and Accessories**

Each label has a specific task and thus its distinctive character:

- as narrow or as wide as your product requires,

- as precisely placed as your production process requires,

- as expressive as your customers expect it to be,

- even tear-proof, oil and gasoline resistant or heat resistant.

We also work out the complete system for you, including the optimal software - reliably based on your wishes and requirements in close cooperation with you.

DO NOT HESITATE TO CONTACT US:
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