SLCR LASERTECHNIK

LIGHTMARKER Skin Line

Marking of hides / skins for traceability

SLCR Lasertechnik:

- 28 years of experience
- Development, construction and manufacturing of sustainable system solutions for surface treatment
  - De-coating
  - Cleaning
  - Pretreatment
  - Activating
  - Marking
  - Material processing
- Flexible mobile and fully automated systems

Portfolio:

- Consulting & Planning
- Engineering & manufacturing
- Samples & wage processing
- Automation and system solutions
- Service & Support

Model – “Drive Thru”

SLCR LIGHTMARKER stands for state-of-the-art marking of hides, providing efficient solutions for today’s needs of traceability.

The Skin Line systems have been established as a reliable process for laser marking of hides, marking over millions of hides already.

This model can mark up to **1.000 hides/hour with a 10-digit string**.

The model Drive Thru (DT) is designed for the inline marking on moving hides, means marking on the fly. During the transport through your processes, the hides will be marked fully automated with a controlled transfer from the ear tag info to a permanent unlosable marking on the hide.

Process description:

The skin to be marked will hang on a hook in the center and spread with two grippers. The skins are transported by the customer railway through the SLCR LIGHTMARKER.

As soon as a skin is entering the station, it is detected by sensors, and the marking process starts. The marking takes place “on the fly”, means the marking of the skin will be applied during the continuous moving of the hides through the processing head.

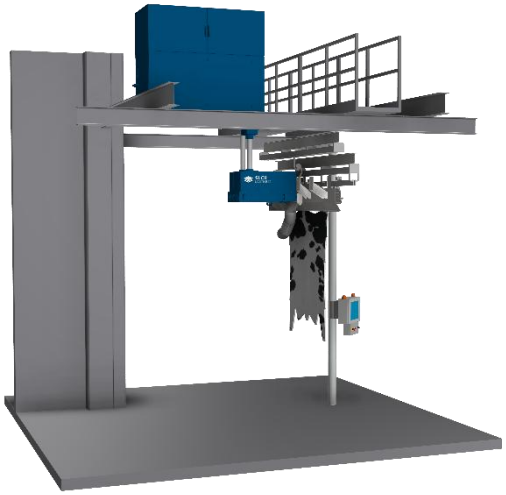
System description:

The model “Drive Thru” provides a robust design of the LIGHTMARKER and consists of:

- processing head
- control cabinet

The system is designed as a stationary marking unit with laser, scanner, optics and control/HMI.

For easy access and operation, the HMI is positioned on ground level with connection to the main control cabinet.



LIGHTMARKER Skin Line

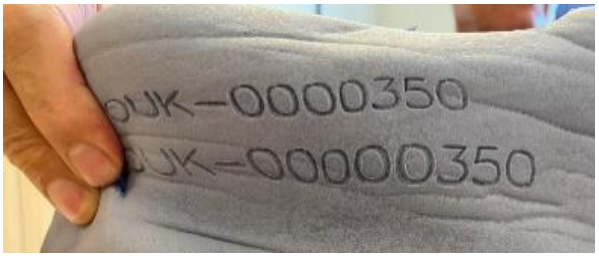
Your benefits:

- Full traceability
- Fast and clean
- Precisely controllable processing
- No further pre- or post-treatment necessary
- Environmentally and user friendly
- Better quality compared to punching
- Very low operating costs
- Little maintenance needs

Systems main features are

- Number of markings, skins/h adjustable to your needs
- **Up to 1000 Hides / h** based on system configuration
  see details below
- Marking on the fly while the hides hanging on the conveyor railway, moving through the marking head of the SLCR LIGHTMARKER
- Fully automated application based on ear tag data
- Full integration into existing infrastructure
- Operating cost for the laser marking are below **3,00 €/h***
- System prices start at **320.000, - €**
  Please ask for detailed configurations

System type	LM 250 DT	LM 500 DT	LM 1000 DT
Hides/h, up to single mark	**250**	**500**	**1.000**
Number of digits (numbers/letters)	10		
Digits height	10 mm		
Marking font	Single line (OCR)		
Protection class	Standard IP 54 or on demand		
Marking principle	From one side on spread hide, hanging on the conveyor		



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The indicated prices are EXW ex works Langerwehe, plus VAT, subject to change. Additional costs may arise due to connection to your peripherals.

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