SLCR LASERTECHNIK

LIGHTMARKER Skin Line

Marking of hides / skins for traceability

SLCR Lasertechnik:

- 27 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

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Model – “Stamp”

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 is capable of marking up to **400 hides/hour with a 10-digit string**.

The model “Stamp” (ST) is designed for the integrated marking in your production flow, means marking on the flat lying hide. After inspection the hides will be marked with one or two identical numbers, semi- 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 be positioned on a table. Here it is inspected and positioned flat with the hair side upwards. By pushing the “START” button, the operator confirms “hide ready” and releases the hide to the marking area.

The marking process itself will be performed automatically. The hide moves into the marking position. The marking head(s) move down to the hide and cover the marking area(s). When both markings are finished the tubes move upwards and release the hide. The machine will indicate, that the marking has been finished and the hide is ready to move on.

System description:

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

- processing head
- control cabinet

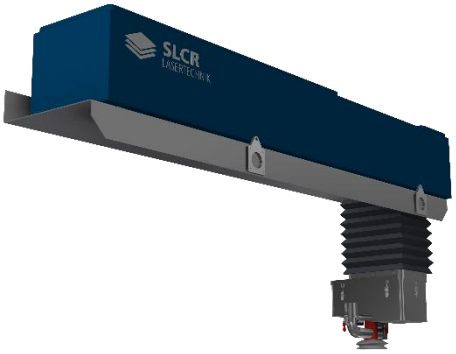
The system is designed as a stationary marking unit integrated over a table or conveyor belt.

Inside the processing station is the laser and the marking heads with respective optics.

Each marking head with its optic is assembled inside a movable tube. These tubes move up (open the marking area) and down (close the marking area) driven by an electrical axis.

For easy access and operation, the HMI is positioned on ground level integrated into the main control cabinet.

The system will be connected to the customers’ extraction, to remove fumes and particles from the processing area.



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LIGHTMARKER Skin Line - “Stamp”

Systems main features are

- Number of markings, skins/h adjustable to your needs
- **Up to 400 Hides/h** based on system configuration
  see details below
- Marking of one or two numbers from the top while the hides are lying on a table or conveyor belt, with 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 **3,50 €/h***
- System prices starts at **195.000, - €**
  Please ask for detailed configurations

System type	LM 280 ST	LM 330 ST	LM 360 ST	LM 400 ST
Hides/h, up to	**280** single mark **200** double mark	**330** single mark **260** double mark	**360** single mark **290** double mark	**400** single mark **340** double mark
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, laying on table or conveyor			

(LM280ST)

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

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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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