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07/2017

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Betreff / Subject

Seite / Page

## LEUCO airStream-System – Reduces noise and increases the chip caption degree up to 99 %

01/01

Inhalt / Content

“LEUCO airStream-System” tools reduce noise and increase the chip caption degree up to 99 per cent on through-feed machines. This innovation is the result of mutual research and development activities of the tool manufacturers LEUCO (Horb/DE) and HOLZ-HER (Nürtingen/DE). The LEUCO airStream-System is patented and available exclusively for HOLZ-HER machines.

Bildmaterial / Imagery



Tools with airStream-System distinguish themselves by their characteristic bore in the body and are patented by LEUCO and HOLZ-HER..

A complete range of tools with LEUCO airStream-System for **jointing cutting** and **edge trimming** on HOLZ-HER machines is available from stock.

### Advantages of the LEUCO airStream-System

- | Very quiet jointing and low-noise edge trimming
- | Excellent chip caption, almost no contamination of the machine
- | Significantly less double hogging, longer tool edge lives

### PATENTED PRINCIPLE

With standard tools, a high pressure area is created on the face. This in turn creates a low-pressure area behind the cutting edge. The pressure fluctuations are perceived as noise.

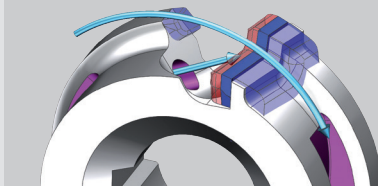
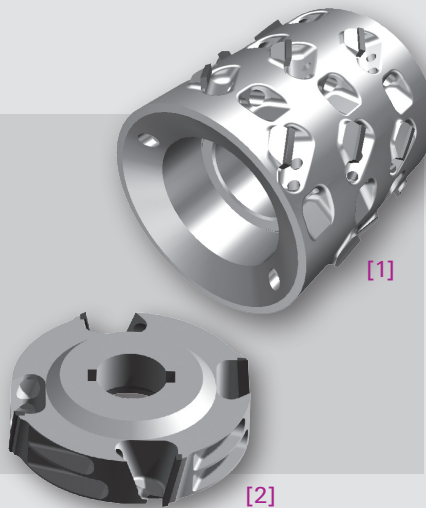
With “airStream-System” tools, an intelligent bore at a precisely defined place on the body prevents the creation of air pressure areas. This leads to a measurable sound and noise reduction of 3 dB(A).

The “airStream-System” exhibits a great degree of influence on the chip flow. The tool rotation has a direct effect on the air flow and guides the chip flow at precisely the right time towards the dust hood air flow. The chip caption degree increases to as many as 97 - 99 per cent.

### EXAMPLES AIRSTREAM TOOL PROGRAM

[1] DIAMAX jointing cutters DP  
airStream-System for very quiet and chip-free jointing of wood-based materials

[2] Edge jointing cutters CM DP  
airStream-System for flush cutting of solid wood edge bands and plastic and veneer edges



Air pressure areas on an airStream tool: Lower air pressure and fewer different areas, hence less noise and more comfortable working conditions!



You can find detailed information on jointing cutters and all edge trimming tools with LEUCO airStream-System in the LEUCO online catalog at [www.leuco.com/products](http://www.leuco.com/products)

- | Click the “LEUCO product names” filter
- | Click “LEUCO airStream-System”
- | Select the cutter type such as jointing cutter or edge trimming
- | Request price



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