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

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“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.

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

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

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

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

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.