



**TOOL PROGRAM**  
for through-feed machines  
by Holz-HER



**DIAMOND-TIPPED CUTTERS**  
with intelligent chip removal

- Jointing cutter AirStream
- Edge jointing cutters and edge profile cutters AirStream
- NEW: Jointing cutters AirStream with HSK 32

Innovative. Tried and proven since 2013.

## CUTTERS WITH INTELLIGENT CHIP REMOVAL "AirStream"

### PATENTED PRINCIPLE

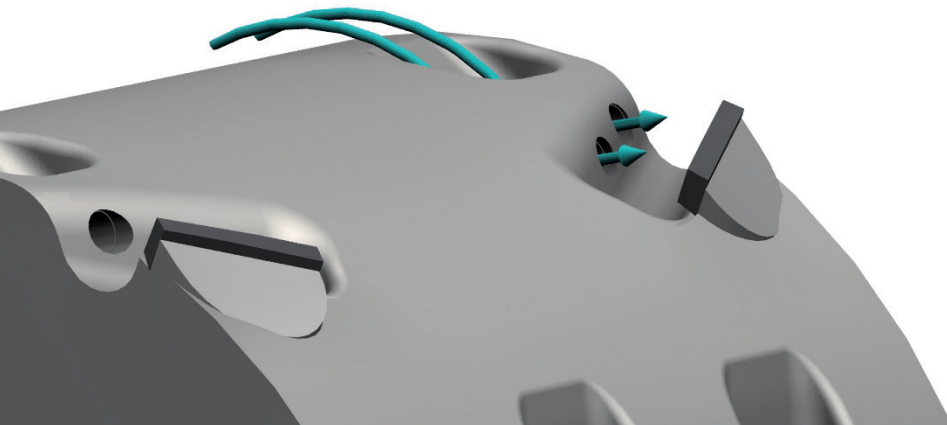
With "AirStream-System" tools, an intelligent bore at a precisely defined place on the body prevents the creation of air pressure areas. This leads to a measurable sound and noise reduction of the tool of 3 dB(A) during operation and when idling.



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. This results in longer edge lives since the risk multiple hogging is significantly reduced. Moreover, less time has to be spent on cleaning the machine.

The high efficiency is the result of the good cooperation between LEUCO and HOLZ-HER. The machines made by HOLZ-HER are provided with the required form of the dust hood which collects and removes the chips at the optimum time. Tools with AirStream-System are patented and available exclusively for HOLZ-HER through-feed machines.

Tools with AirStream-System distinguish themselves by their characteristic bore in the body.



### Use of the AirStream-System

## JOINTING WITH "DIAMAX AirStream"

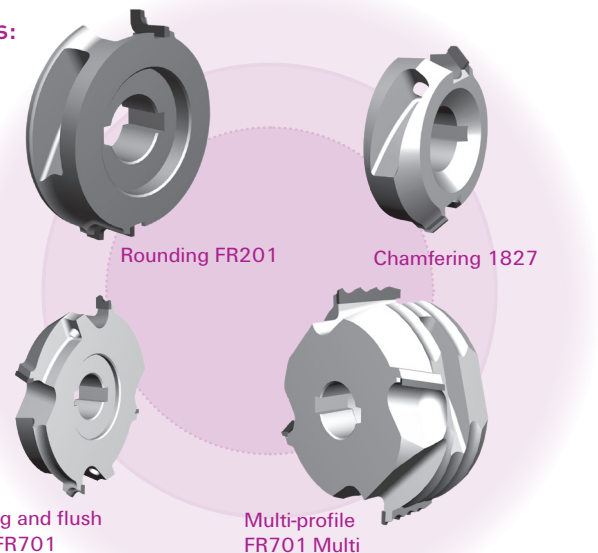
- | Use on through-feed machines HOLZ-HER aggregates 1801, 1802 or 1804
- | also compatible with Pro Lock clamping on older aggregates
- | for chip-free jointing of melamine-resin laminated, paper-laminated, foil-coated, veneered and HPL materials at very low noise levels
- | Shear angle of 35° for a good cutting quality
- | Resharpener area 1.5 mm



## EDGE TRIMMING WITH "AirStream"

- | Use on HOLZ-HER through-feed machines
- | Edge jointing milling aggregate 1828
- | Edge profile milling aggregates FR201 (1825M), 1826, 1827, FR502, FR701 and FR701 Multi
- | For chamfering, rounding, flush cutting and profiling of solid wood edge bands and veneer and plastic edge bands at very low noise levels

### Examples:

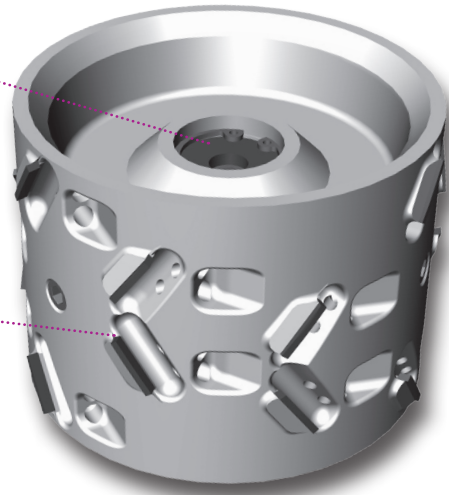


Innovative. New from May 2019

# JOINTING CUTTER "AirStream" WITH PRECISE TOOL CLAMPING

New: for the first time in the history of wood processing: HSK 32R clamping on jointing aggregates

Patented Air-Stream bores



**ADVANTAGE of the HSK 32R clamping:**  
concentric accuracy = 2 μ

- | The higher concentric accuracy provides a low-vibration, smooth running of the tool
- | The better concentricity increases the cutting quality

**DIAMAX-jointing cutters DP - HOLZ-HER AirStream with HSK 32R interface**

- | for the use on through-feed machines HOLZ-HER aggregate FG701
- | for chip-free jointing of melamine-resin laminated, paper-laminated, foil-coated, veneered and HPL materials at very low noise levels
- | Shear angle of 35° for a good cutting quality
- | Resharpener area 1.5 mm
- | provides all the advantages of the AirStream design: low noise level during operation, high chip capture degree

## THE COMBINATION "HSK 32R CLAMPING ON JOINTING AGGREGATES" OPENS UP NEW DIMENSIONS REGARDING QUALITY IN THE INDUSTRIAL SEGMENT OF COMPACT MACHINES:

On HOLZ-HER jointing aggregates, a jointing cutter with a precise HSK 32R interface will be used for the first time in this sector.

**Benefits:**

- | concentric accuracy of precise 2 μ, similar to the interfaces "Hydro 30" and "HSK 63F mod" which are usually used in the furniture industry
- | cost-efficient solution for jointing in industrial quality on conventional machines in small workshops

Jointing cutter interface	DKN	HSK 32R	Hydro 30/40	HSK 63F mod
Rotational accuracy	max. 60 μ	max. 20 μ	max. 20 μ	max. 20 μ
Machine size/performance				
Clamping as the basis for zero joint quality				
max. tolerance range jointing work				
Tool cross cut / motor interface				

**NEW**  
HSK 32R for jointing aggregate

LEUCO is the only tool manufacturer who offers the slim clamping chuck in size 32R for a big jointing cutter.



## YOU WILL FIND MORE INFORMATION ONLINE:

You can find detailed information on our new and proven 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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