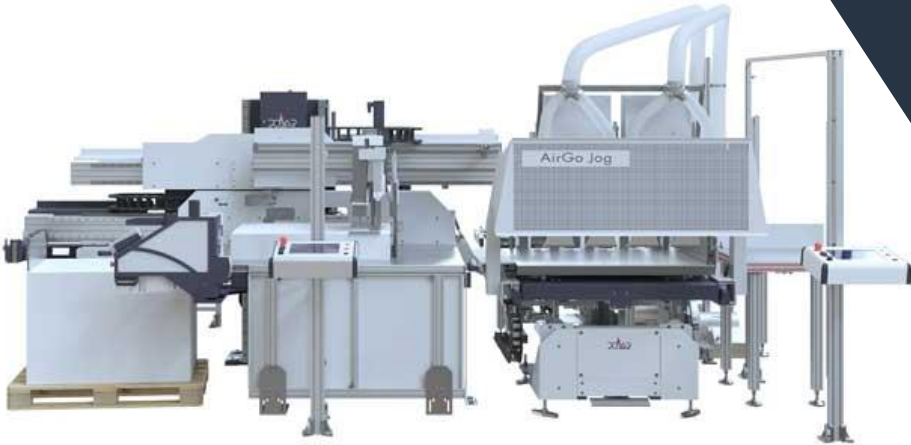


JoggingSystem AirGo Jog

for the autonomous preparation of
entire and perfectly flat reams



Stand: 08.2024 \ Technische Änderungen vorbehalten.

Description of the AirGo Jog

With the POLAR AirGo Jog, edge-precise material preparation is fully automatic. A complete cutting ream is picked up by the Transomat loader and transported by a gripper into the jogger. The height of this complete cutting stack can be entered in millimeters on the display, or it can be precisely determined using a separating wedge or chips (optional). For particularly slippery materials or short formats, the paper stack in the Transomat loader can be fixed with a counter ruler (optional). In the jogger, the complete cutting stack is fanned out with high air volume during the jogging process, allowing the sheets to align precisely at the edges. Finally, the air is expelled with high force. The finished jogged cutting stack is pulled by the operator over the front table or optionally by a gripper system onto the rear table of the guillotine. With the newly developed AirGo Jog jogger, a fast and perfect jogging result is achieved. For this purpose, the jogger has been equipped with a new, unique jogging drive, where the operator can not only adjust the speed (frequency) of the jogging vibration electronically and continuously, but also the intensity (amplitude). The inclination of the jogger can be continuously adjusted during the jogging process, both laterally and backwards. The ventilation of the sheets is carried out with high-pressure fans from the front and back to make the sheets float, allowing them to align precisely at the edges.

For job changes, the operator only needs to enter a few parameters, which typically keeps setup times under 5 minutes. For repeat orders, a job management system is available to allow changing jobs in a matter of seconds in such cases.

The POLAR modular system allows for easy retrofitting of existing cutting systems or PACE systems. Additionally, the AirGo Jog can be used as an offline solution to feed multiple cutting machines.

The new future-proof industrial control system allows for data exchange and integration into the workflow, as well as a remote service function that further improves machine availability.

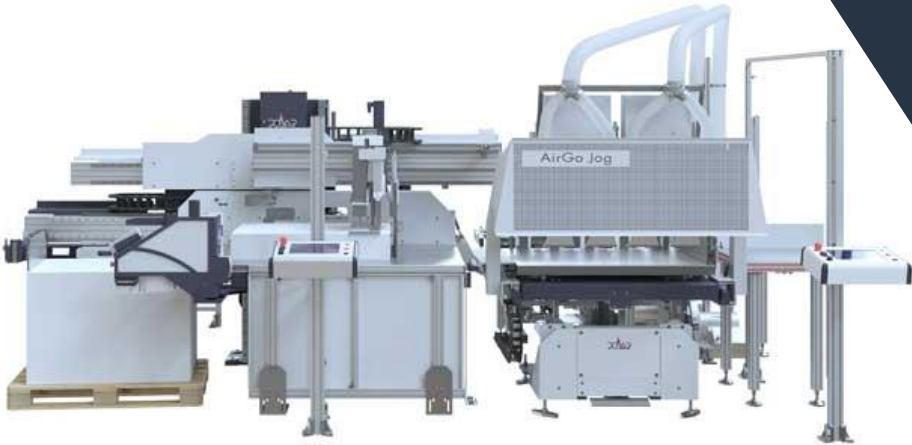
Technical safety device

To ensure the highest possible safety for the operator, the AirGo Jog is secured in the front area by multiple light barrier grids and area scanners. On the rear side, the AirGo Jog is equipped with fixed safety railings (including a door to allow access for maintenance and cleaning).

Of course, like all POLAR products, the AirGo Jog is also approved by the professional association and GS certified

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Customer benefits

- ❖ Short production time for a shaken layer of about 2 minutes
- ❖ Increases the efficiency of the cutting machine by up to 100%
- ❖ Better cutting block formation due to automatic air-removal
- ❖ Instant switch to manual shaking mode at the push of a button for stacks that cannot be processed automatically (e.g., thin printing papers).
- ❖ Easy to retrofit on any existing cutting system
- ❖ Reliable runtimes through the use of standard components
- ❖ Easy operation, job change by the push of a button, Material can be picked up to the lowest sheet of the pallet
- ❖ Elimination of the physically demanding shaking process and associated improvement in ergonomics
- ❖ Very low compressed air consumption through the use of high-pressure fans

Technische Daten

Program memory	1.000
Make-ready time	< 5 minutes
Cycle time	90 – 120 seconds (with airing cycle)
Format min.	43 x 61 cm (Smaller formats also possible manually)
Format max.	78 x 106 cm
Minimum grammage	"100 g/m ² (Automatic mode depending on material, no limit in manual mode)"
Maximum grammage	No limit
Layer thickness	4 – 16 cm (in connection with a PACE maximum 14 cm)
Pile height	15 – 144 cm (including pallet)
compressed air consumption	About 40 l/min.

Further technical data are available for download on our website.

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