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Vipiteno, May 2026

Guide rollers 'SILENT' for LPA grips – Acoustic performance and selection guidelines

Dear Customers,

Significantly reduce the noise level in the station during the gripping phases, improving comfort and the system's perceived quality, with a simple and targeted upgrade using **'SILENT' guide rollers for LPA grips**.

Alongside the well-established standard roller, we have developed the new **"SILENT" roller, designed to significantly reduce noise in the station**, particularly during the gripping phases. This represents a concrete opportunity **to improve the acoustic comfort of the installation**, especially in sensitive environments.

The range has been designed to offer maximum flexibility of choice, depending on your operational priorities:

Standard roller Cod. 50100004	Silent roller Cod. 41315556
☐ PROS: • Lower cost	☐ PROS: • Significantly reduced noise level
WHEN: ☐ When the installation is not in noise-sensitive areas; ☐ When cost reduction is the priority	WHEN: ☐ When the installation is located in noise-sensitive areas (residential zones, hospitals, schools) ☐ When the customer is looking for a significant acoustic reduction

LEITNER®

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Structured tests were carried out comparing standard and silent configurations at station entry and exit, with measurements taken at distances of **5 meters and 30 meters**. These tests highlighted the following results:

- Silent configurations show lower sound peaks than standard ones.
- In summary: with SILENT rollers, the peak noise level is noticeably reduced; the difference remains measurable even at a distance, improving the noise level radiated outside the station.
- A “mixed” configuration (standard + silent) has also been tested, with still positive results.

These data confirm the silent roller as an effective solution to reduce station-related noise.

To proceed: Order directly from the **LEITNER webshop** (**Code 41315557** with bearing or **Code 41315556** without bearing).

Kind regards,
LEITNER Customer Service