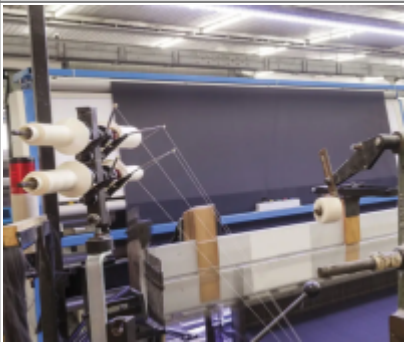


Application with Roto-linear

This page shows the typical **applications** of the NLiR120Q roto-linear motor. The roto-linear motor combines linear motion with rotary motion, which makes it suitable for a wide range of tasks.

	Capping
	Wood working
	Automotive
	Textile



Laboratory automation

Typical applications

- **Capping**: precise linear and rotary motion for cap placement. - **Wood working**: positioning and rotary motion for machining operations. - **Automotive**: assembly and handling with combined motion. - **Textile**: high-dynamics motion for textile machinery. - **Laboratory automation**: precise and repeatable motion for sample handling.

The roto-linear motor is a single unit that performs both the linear stroke and the rotary movement, simplifying the machine design.

From:

<https://www.nilab.at/dokuwiki/> - **NiLAB GmbH**

Knowledgebase

Permanent link:

https://www.nilab.at/dokuwiki/doku.php?id=en:integrated_rotolinear:application

Last update: **2026/09/12 14:37**

