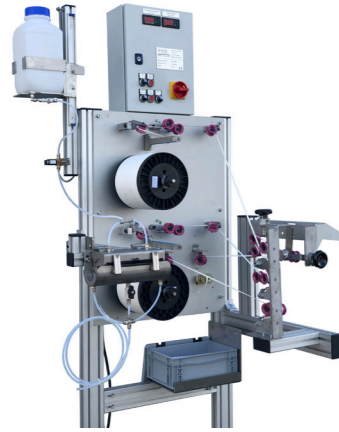


## LS WST SYSTEM - THE NEW STANDARD IN MECHANICAL WIRE CLEANING



The LS WST mechanical cleaning system removes particles, fines, and excessive drawing agents in the smallest spaces. The LS WST uses textile tapes for cleaning or coating wires with round or rectangular cross-sections up to 13 mm.

The system consists of two modules, the drive unit for the belt transport and one or two process zones.



In the process zones of this wiping system, a woven textile tape wraps around the material surface. The continuously adjustable transport of the textile tape ensures that there is always a clean wiping tape in contact with the material to be cleaned.

Short contact time between textile and material due to the short process zone, as well as the low friction force required for cleaning, prevent from accumulation of contamination such as metal particles in the cleaning tape with the known effects. This means a decisive advantage over comparable mechanical systems.

With optionally selectable metering systems, cleaning media or lubricants can be evenly applied to the material surface via dispensers. Gravimetric dosing systems are mostly used for cleaning tasks. For lubrication, liquids with a viscosity below 100 mPas in the range of 0.1 to 3 ml/min can be applied to the textile tapes by means of a micro gear pump system.

As flexible wiping systems, both the standard LS WST SINGLE and TWIN versions, the latter with a double process zone, are suitable for wire cleaning and lubrication. What all system combinations have in common is the low space requirement of the process zones.

For use with solvents, the systems can be optionally enclosed and equipped with explosion-proof exhaust fans.

**Wire Range:** up to 0.5 in. (13 mm) diameter

**Line Speed:** max. 100 ft./m. (30 m/sec)

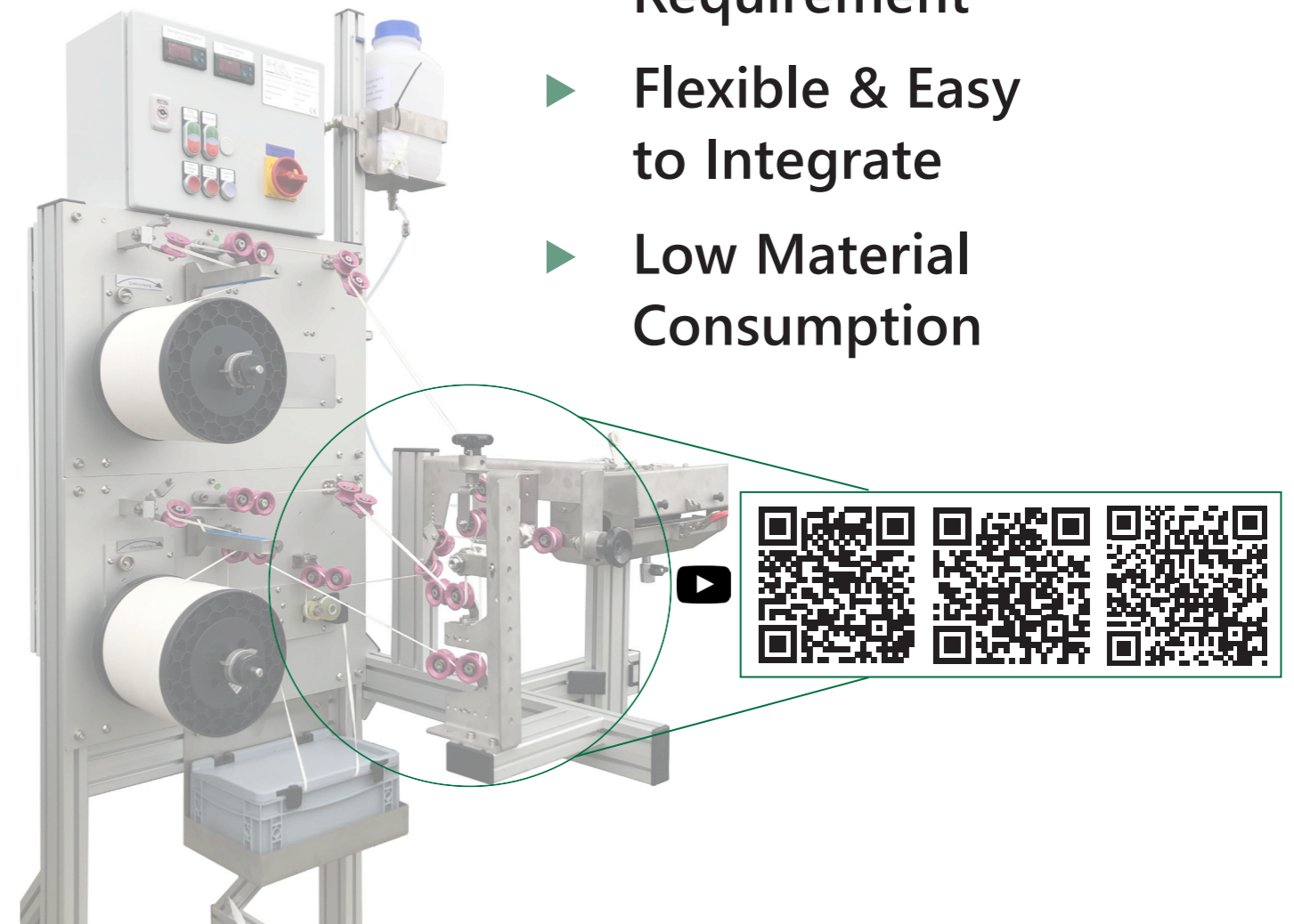
**Floor Space:** 24" x 30" (600 x 750 mm)

**Process Zone:** 4" (200 mm) single type LS WST

- Flexible & easy to integrate in line
- Minimal space requirement of the process zone
- Perfect for a wide range of cleaning applications
- Low material consumption

## LS WST - THE MECHANICAL WIRE CLEANING for Wires & Profiles

- ▶ **Cleaning & Lubrication**
- ▶ **Minimal Space Requirement**
- ▶ **Flexible & Easy to Integrate**
- ▶ **Low Material Consumption**

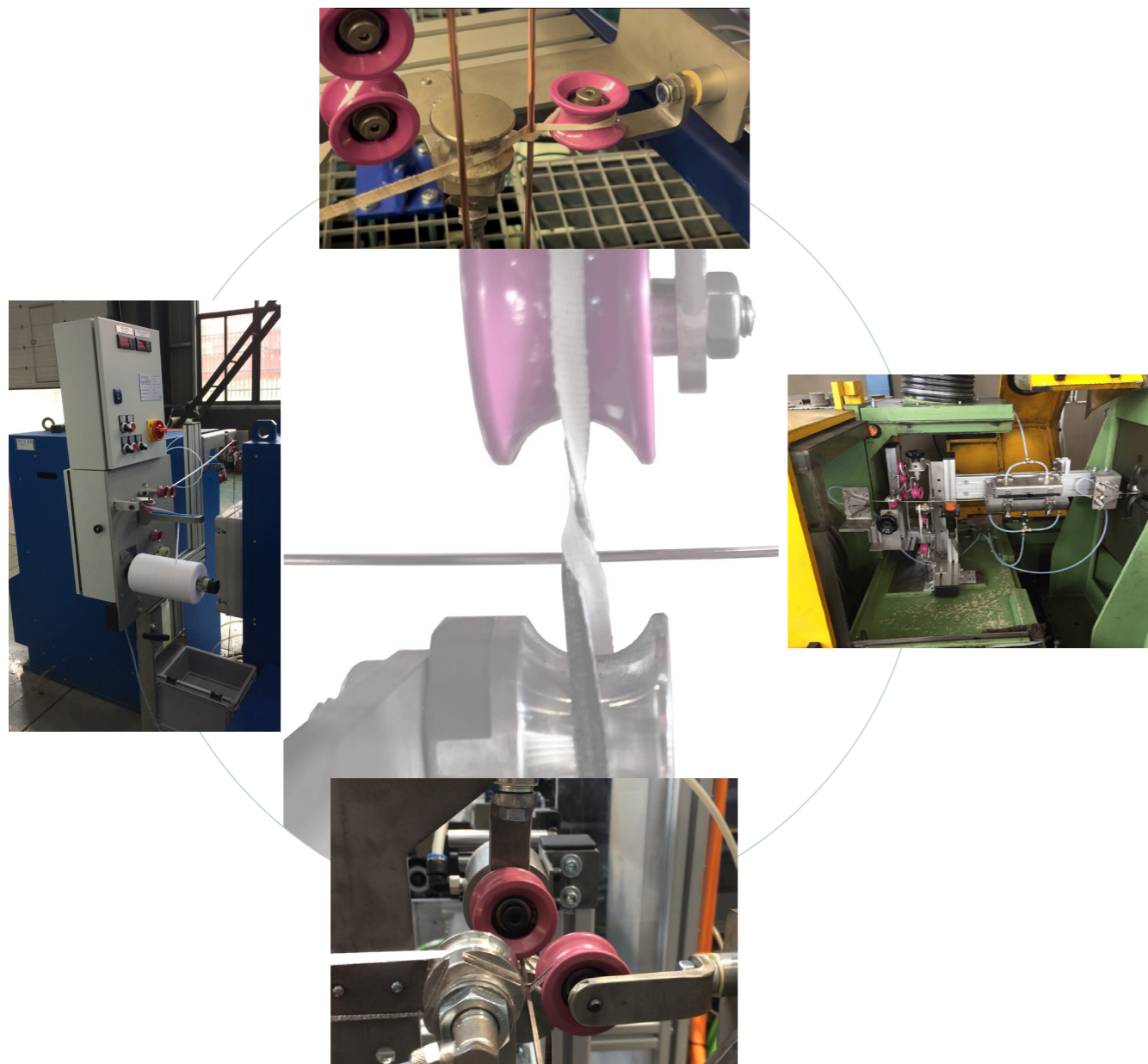


**GEO Reinigungstechnik GmbH**

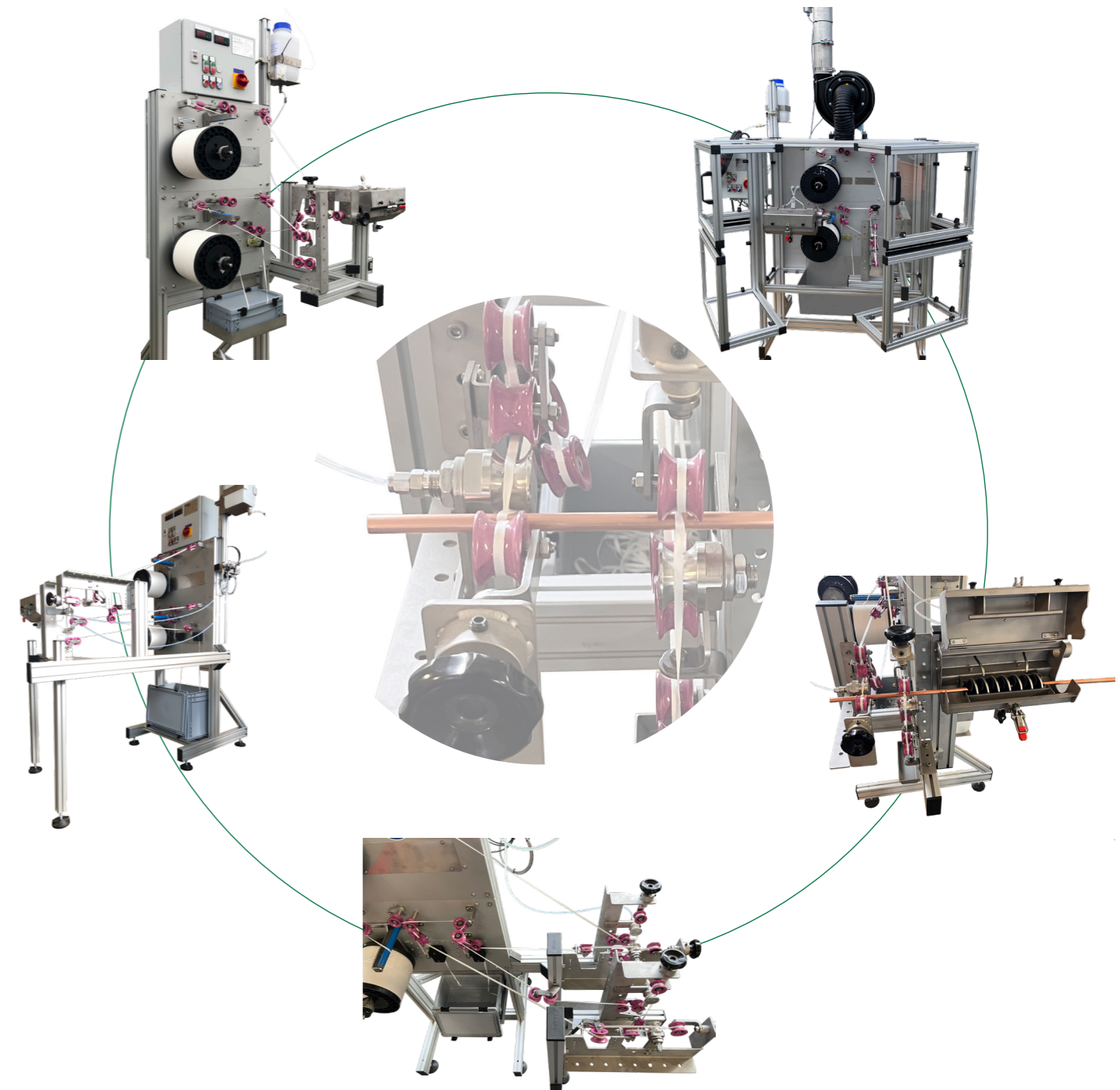
info@geo-reinigungstechnik.de  
www.geo-reinigungstechnik.de

Particles, fines, and excessive drawing agents on wire & cable - The economical LS WST mechanical wire cleaning system removes trouble causing contamination in the smallest spaces. **Perfect for a wide range of cleaning applications**

## LS WST SYSTEM > CLEANING AT THE SMALLEST SPACES



## LS WST SYSTEM > THE CUSTOMIZED FAMILY



### APPLICATION EXAMPLES:

Enamelled Wire:  
Cleaning before enamelling

Extrusion:  
Cleaning before extrusion in cable production

Cored Wire:  
Cleaning of flux cored wire before arc spraying

Coating / Lubrication:  
(e.g. with GEO Lubricant WWF-U300)

Based on the standard layout the LS WST family is a great system for customers looking for a custom solution to their needs.