

**cleaning is profit.**

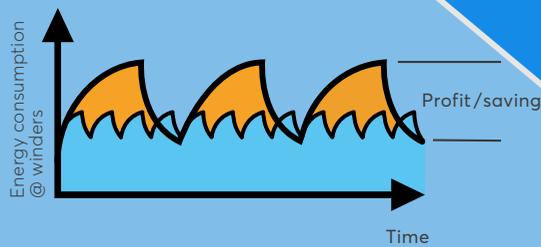
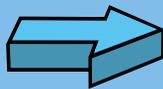
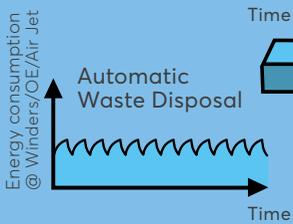
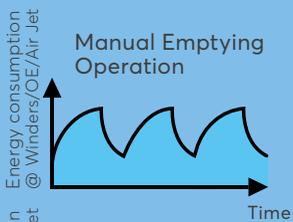
Automatic Disposal



Productivity
Quality
Labor
Logistic
Energy
Overhead
<b>EBIT</b>



Manual Cleaning



**Reduction of energy**

consumption at production machines (e.g. frequency-converter-controlled winders, etc.  
 ⇒ according to customer measurements approx. 5% !)



### **ROI**

- ✓ Your money back in a short period



### **Fully Automated Process**

- ✓ Less machine downtime
- ✓ Less energy consumption
- ✓ Easy programmable
- ✓ Easy handling



### **Clean Environment**

- ✓ Increase machine efficiency
- ✓ Less wear and tear
- ✓ Happier Collaborators



### **Easy Installation**

- ✓ Small pipe diameters (mostly DN100; 120 & 150)
- ✓ Easy retrofittable for existing mills



### **Centralized Waste Management**

- ✓ Completely seized & sealed for further processing
- ✓ Simplified logistics
- ✓ Separation of qualities and its destination
- ✓ Profit from waste



### **Swiss Quality**

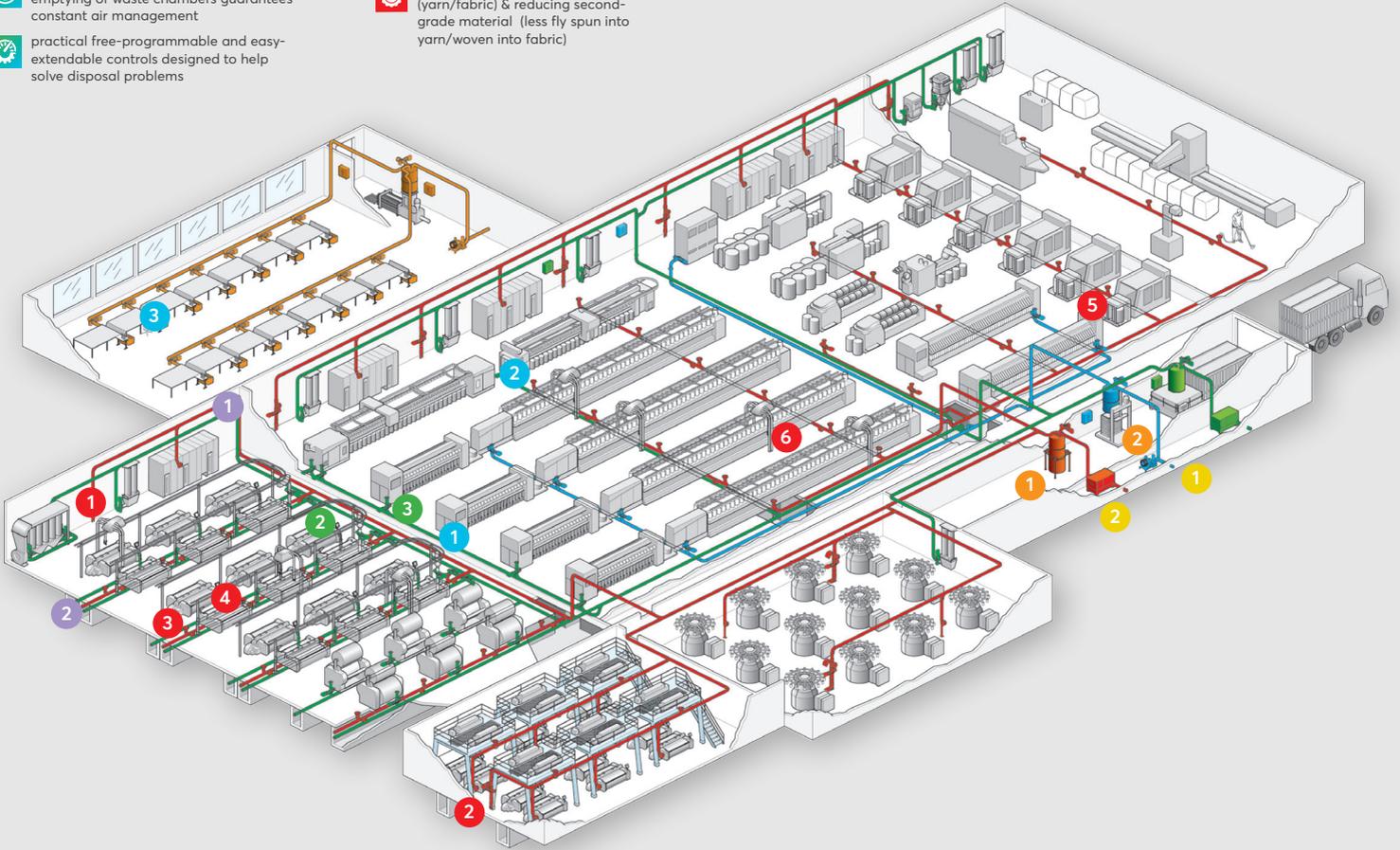
- ✓ Purposefully engineered
- ✓ Thoughtfully designed
- ✓ Expertly built
- ✓ Proven reliability

**Benefits for AUTOMATIC DISPOSAL**

- solving logistic issues from place of origin until waste room
- winders need not to be stopped during automatic disposal with CVS as the aeration valve stabilizes the required underpressure in the winder (chamber)
- production increase due to no shut-off time of robots during emptying cycle
- secured efficiency: controlled frequent emptying of waste chambers guarantees constant air management
- practical free-programmable and easy-extendable controls designed to help solve disposal problems

**Benefits for MANUAL CLEANING**  
Clean textile machinery is:

- increasing production efficiency (less downtime)
- reducing component wear (requiring less spare parts)
- extending life-time expectancy
- less fire hazardous
- producing better quality (yarn/fabric) & reducing second-grade material (less fly spun into yarn/woven into fabric)



**Automatic Disposal/Recyclable**



1 Winder Hard Waste    2 Yarn & Trash Chamber Open End    3 Seldge Cuts

**Pipe Network**



1 Overhead    2 Underfloor

**Automatic Disposal**



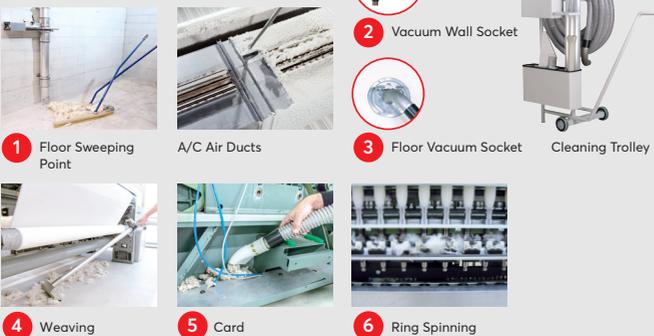
1 Dust Collector    2 Overhead Cleaner    3 Pneumatic Valves

**Filter**



1 Filter    2 Waste Disposal e. g. Compacting

**Manual Cleaning**



1 Floor Sweeping Point    2 Vacuum Wall Socket    3 Floor Vacuum Socket    4 Weaving    5 Card    6 Ring Spinning    Cleaning Trolley

**Vacuum Units**



1 Periphery Blower    2 Roots Blower



Photovoltaic system: 1'924 modules = 3'146 m<sup>2</sup> | plant performance: DC 442.24 kWp | AC 372.80 kVA



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