



INDIAN CLEANROOM SERVICE

Table of Contents

About Us	
Lindström OY	4
Highlights of 2019 - 2020	5
Lindström India	6
Lindström India Presence	7
Lindström Cleanroom Services Around the World	7
Garment Rental Model	
Lindström Services Rental Model	9
360° End to End Workwear Service	10
Laundry Flowchart	
Laundry Layout	12
RFID Process Flow	13
Cleanroom Garments	
Overall	15
Hood	16
Shoe Cover	17
Booties	17
Coat	18
Trouser	18
Goggles	19
Mops	20
Validations	
Certificates	22
Our Commitment to Initiatives	23

About Us

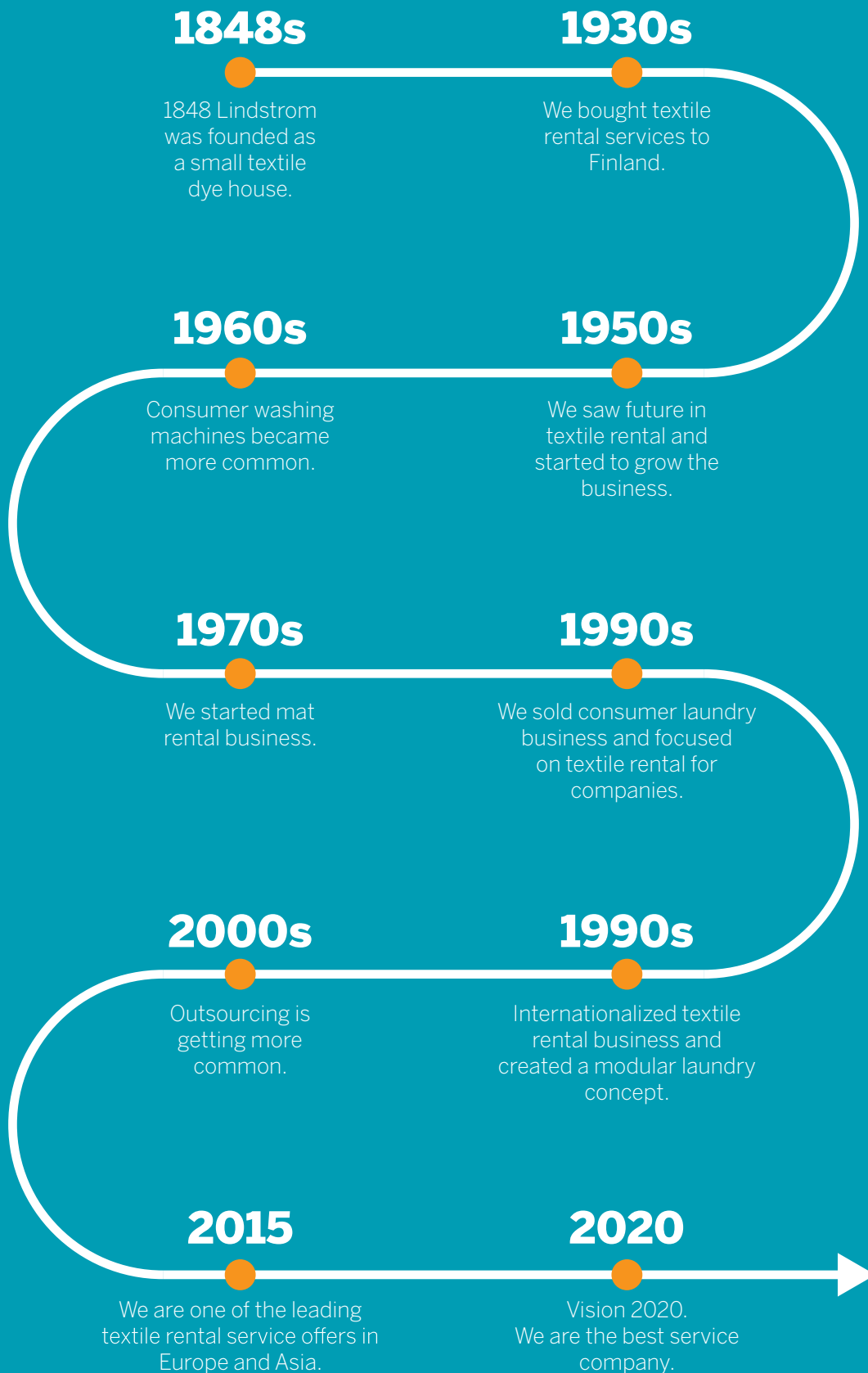
We are one of Europe's leading textile service companies with over **173 years** of experience in the textile industry. We offer a wide variety of textile services ranging from workwear, mats, restaurants and hotel textiles to industrial wipers, cleanrooms and washrooms.

Lindstrom's 360° textile rental services for the Pharmaceutical Industry, includes Reusable Garments, Mop Wipes and Goggles, Cleaning Textiles, and accessories for both Classified and unclassified areas. Our ergonomic garments & products made from function-specific tested and verified materials are designed and constructed based on relevant guidelines. Our validated decontamination processes comply with cGMP standards, which ensures optimal hygiene at all stages. Our digital solution provides traceability and accurate lifecycle of the products in circulation as well as creates reports adhering to good documentation practices. Our one-stop service solution enables you to focus on your core business, while helping in improving operational efficiencies and compliances and also supporting your organization to become more Sustainable.

Lindström operates in **24 countries** and employees **4,600 people**. The family-owned company's head office is in Helsinki, Finland.

Lindström Oy

We started as a dye business in **1848**. That makes **173 years** of taking care until today.



Facts and figures in 2020

Passion to improve



**eNPS
+26**

Employee satisfaction



On scale 1–5

4,550



Employees on average

Care for planet

28%

of textile waste
recycled



**Over
4.5**

million pieces of
repaired textiles



Desired partner



CX index*

8.44/10

*) customer experience
On scale 0–10

157,000

reusable face masks were produced
in our Prodem factories

Getting stronger

EBITA 15.1%



€388

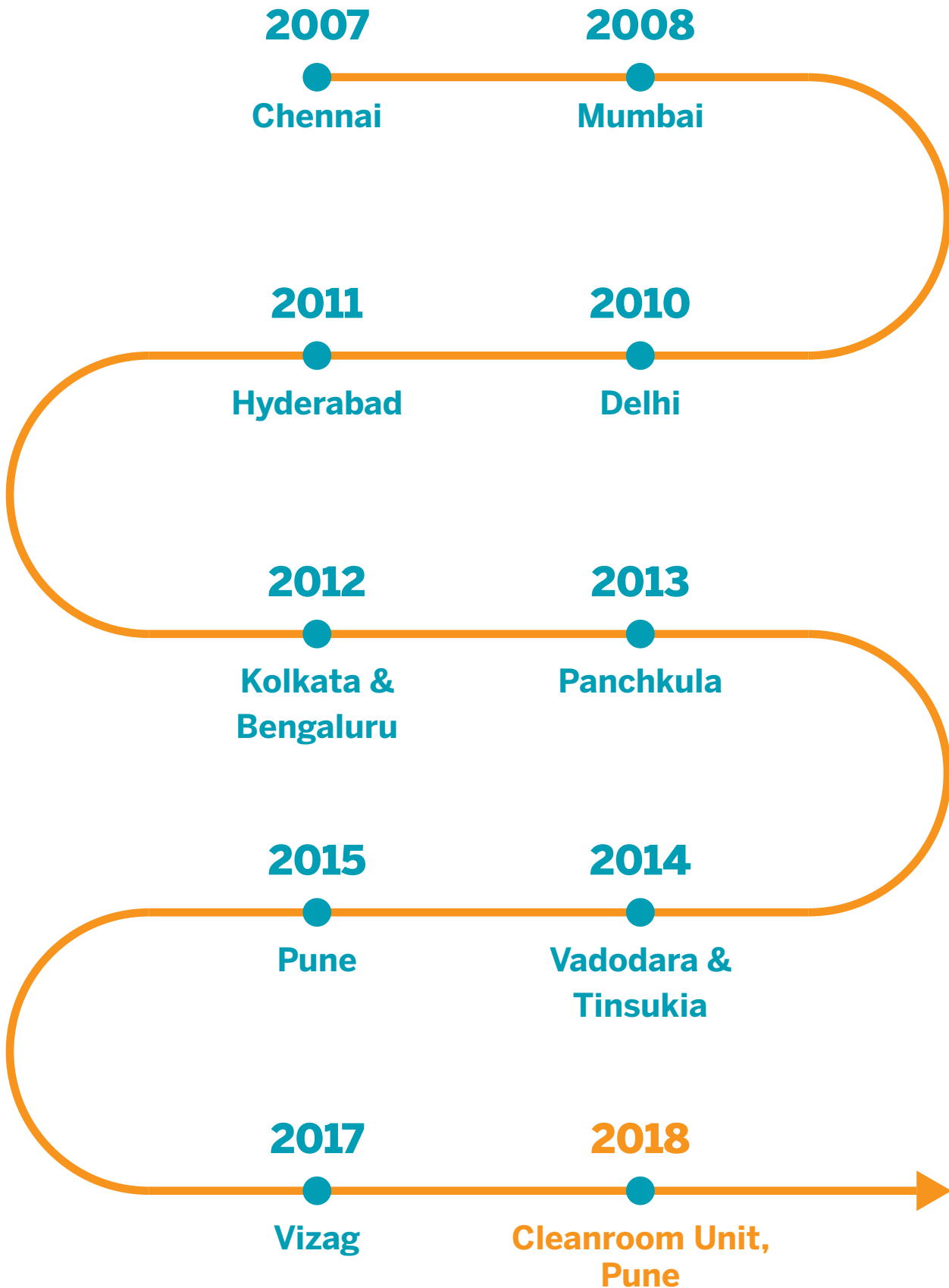
Million turnover



2x our size in China after major acquisition

Lindström India

Established in 2007, Lindström India is the only organized workwear rental services company in India. It provides a hygienic, reliable, flexible, carefree and economic way for companies to look after their workwear, releasing time and resources for core business.



Lindström India Presence



Lindström Cleanroom Services Around the World



Garment Rental Model



Lindström

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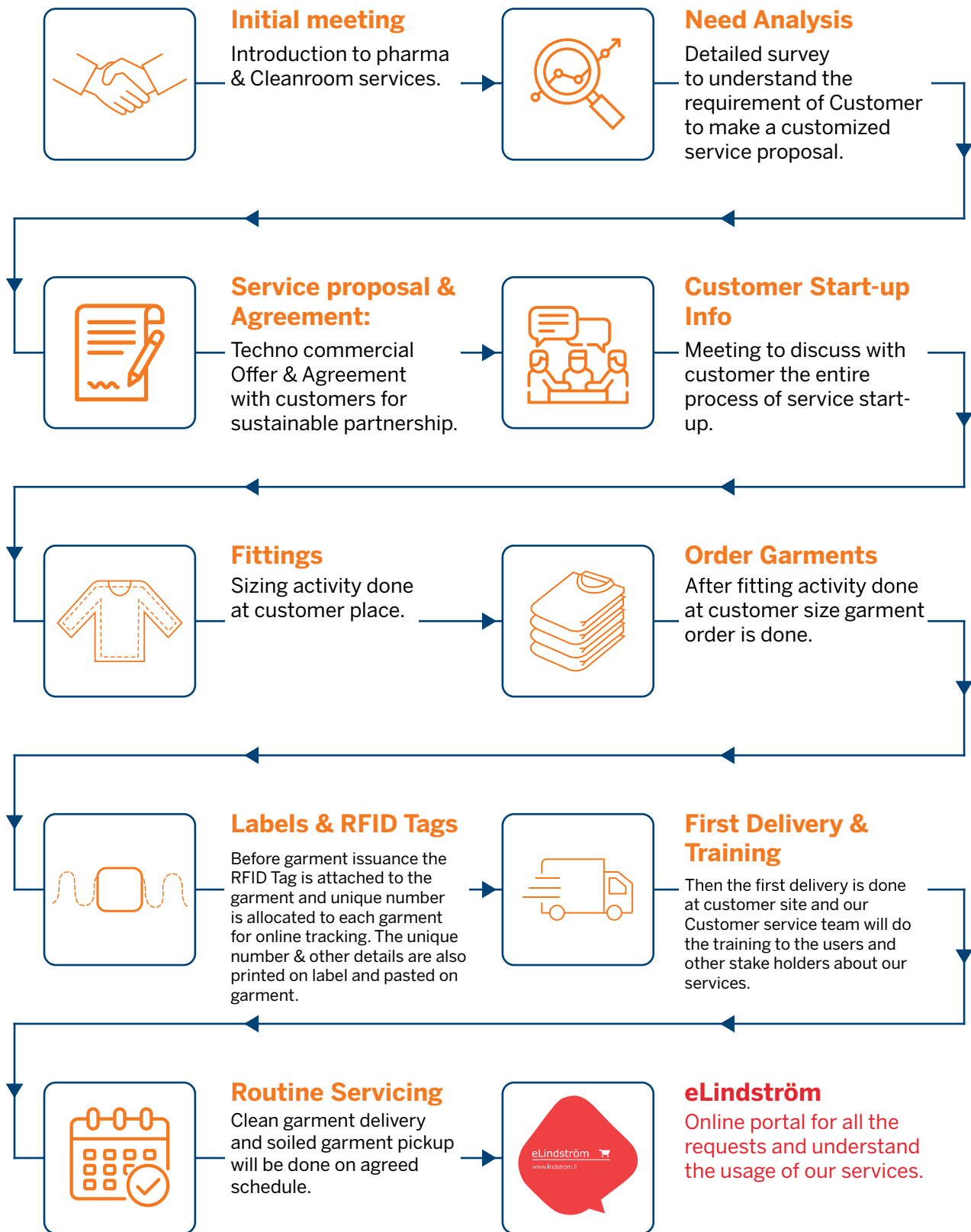
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Lindström Services Rental Model



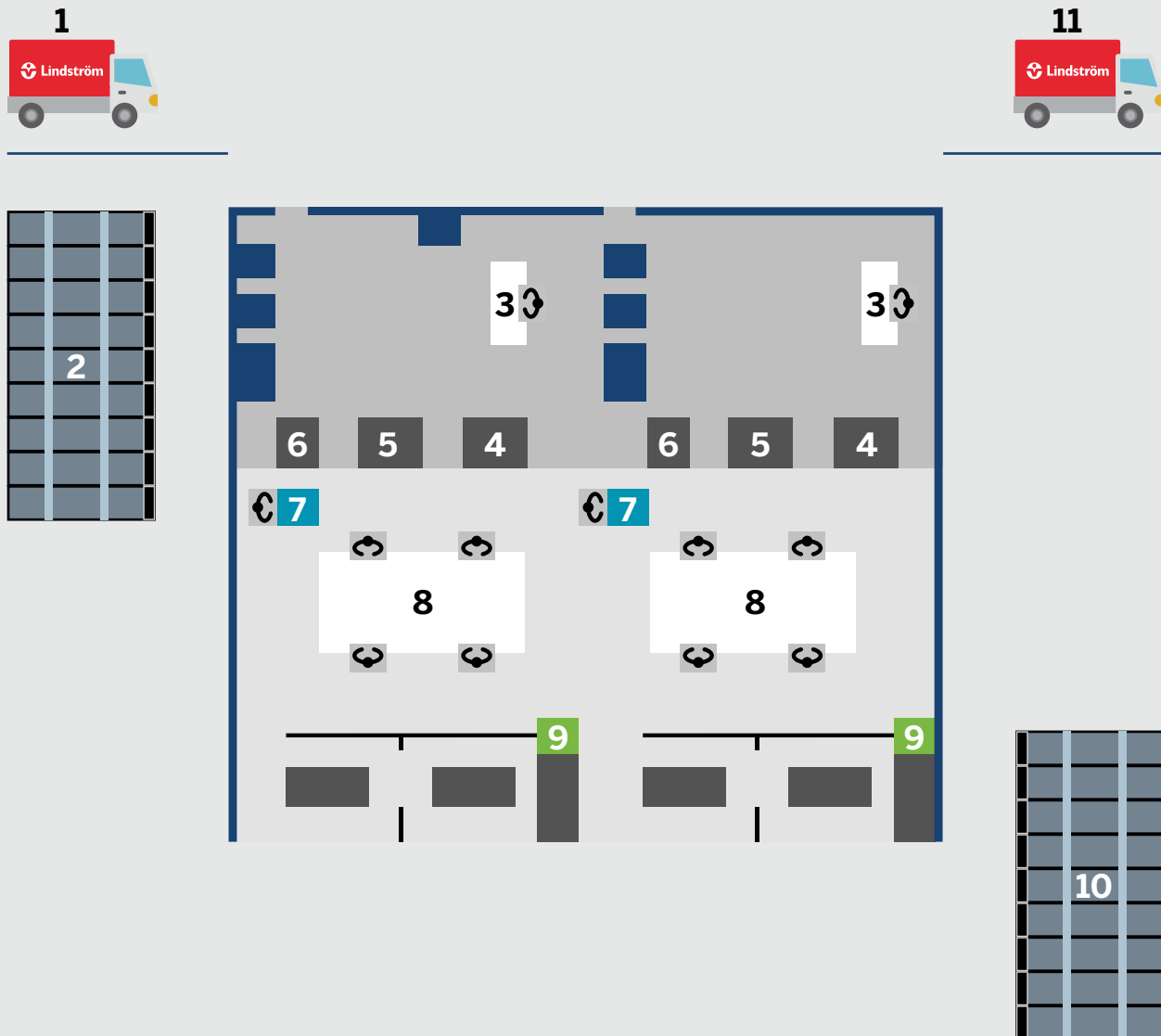
End to End Garment Rental Service



A photograph of two workers in white protective suits and hoods, working in a laundry facility. They are standing at a long table, handling white linens. The room has a high ceiling with a grid of lights and a large window in the background. The entire image is overlaid with a teal color filter.

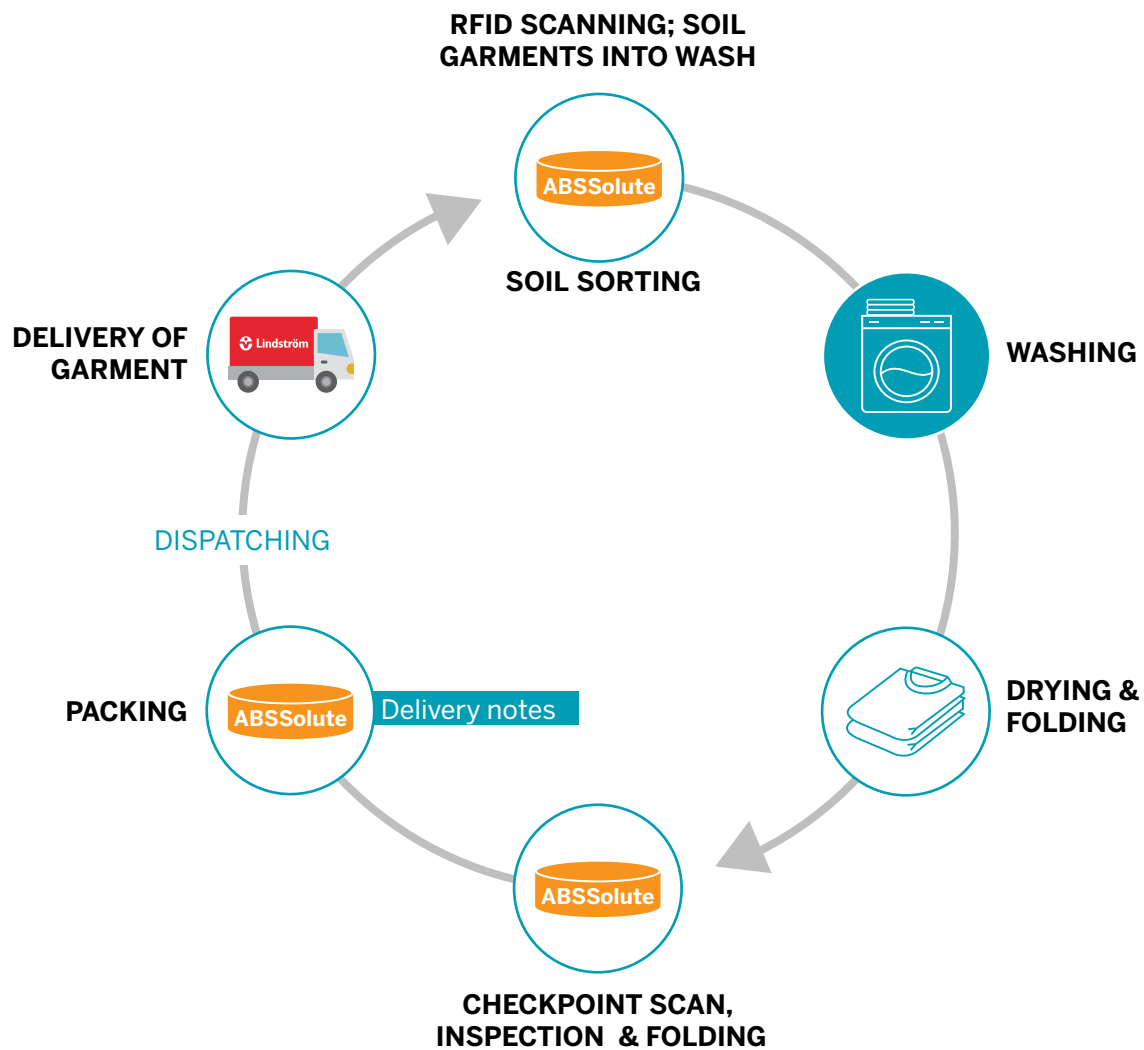
Laundry Flowchart

Laundry Layout

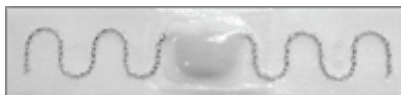


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|---|--|
| 1. Un Loading of Soiled garments received from Customer | 7. Unloading of Garments from Dryers in LAF Trolleys |
| 2. Soil Garment Storage area | 8. Folding, Packing primary & RFID scan in control environment |
| 3. Soil Sorting of garments, RFID-In Scan | 9. Passing Garment out of Classified area through Dynamic pass box |
| 4. Loading in Barrier Washers for Washing | 10. Storage of fresh garments ready for dispatch |
| 5. Loading in Barrier washers for Washing | 11. Loading of fresh garments for customer delivery |
| 6. Loading in Dryers with Hepa Filters for Drying | |

RFID Process Flow



RFID TAGS ATTACHED TO THE WORKWEAR



RFID READERS AT THE LAUNDRY



BENEFITS OF RFID

1. RFID Tagging and registering all garments in circulation
2. Creating ability to read all garments in laundry and delivery processes
3. Creating transparent report of garments in circulation
4. Tracking of Life cycle of Garments
5. 24*7 Non editable Reports as per GDP

A person wearing a full-body white cleanroom suit, including a hood and a light blue surgical mask, is working at a table. The person is looking down at a piece of white fabric or material on the table. The background shows a cleanroom environment with a glass partition and some equipment. The entire image has a warm, orange-yellow tint.

Cleanroom Garments

Overall



TRITON Overall

FEATURES

TRITON Overall with triangular face opening hood, Thumb loop attach with raglan sleeve, Normal leg end with adjustable press button attached loop at knee, Front closure hidden zipper with over lapped collar with 2 press button.

FABRIC	SIZE	STD COLOUR
ESD	Fabric Composition	White

Overall



TRITON Overall

FEATURES

TRITON Overall with long sleeve, Thumb loop attach with raglan sleeve, Normal leg end with adjustable press button attached loop at knee, Front closure hidden zipper with overlapped collar with 2 press button.

FABRIC

ESD

SIZE

Fabric
Composition

STD COLOUR

White

Hood



CYGNID Hood

FEATURES

CYGNID HOOD with rectangular eye opening, String attached for adjustment.

FABRIC

ESD

SIZE

Fabric
Composition

STD COLOUR

White

Shoe Cover



TAURID Shoe

FEATURES

TAURID Shoe cover with self-fabric Quilted sole, elastic at ankle.

FABRIC	SIZE	STD COLOUR
ESD	Fabric Composition	White

Booties

TAURID Shoe

FEATURES

TAURID Shoe cover with self-fabric Quilted sole, elastic at ankle.

FABRIC	SIZE	STD COLOUR
ESD	Fabric Composition	White



Coat



POLARIS Coat

FEATURES

POLARIS Coat with raglan sleeve, front closure with hidden press button, elastic at sleeve end.

FABRIC

ESD

SIZE

Fabric
Composition

STD COLOUR

White

Trouser

PHOBOS Trouser

FEATURES

Waist elastic with Draw string, Elastic at leg end.

FABRIC

ESD

SIZE

Fabric
Composition

STD COLOUR

White



Goggles

STERILIZABLE Goggle

FEATURES

FIELDS OF USE: protective mask for use in rooms with controlled contaminations and working in aseptic conditions, same as people use in pharmaceutical, chemical, biotechnology, alimentary, cosmetic and electronic factories, or in hospitals, chemical and microbiological laboratories.



STERILIZABLE: resistant to many cycles of sterilization with clean steam, with γ and β rays at 25kGy. These treatments does not cause alterations in the transparency of the lens and any shape deformation of the frame (during the sterilization take care to avoid the elastic strap touch the lens). After many cycles the lens could become yellow, and it can be replaced with a spare lens if necessary.

COMFORT: the design allows a long time of use, maximum transpiration, large field of view and use over the prescription glasses.

BENEFITS

A need for full body protection

As per the GMP guidelines & market demand to completely cover the operator in a cleanroom production has introduced a new kind of responsibility for companies, operating in cleanroom environments. Particles, shed by operators, can contain bacteria, threaten to put your production at risk and jeopardise your company's earnings. Therefore, as much as possible of the operator's body must be covered fully with garments, Goggle & PPE.

A trustworthy partner to help

To help you find the right solution, we have developed a service for rental, decontamination, packing and delivery of goggles – protective glasses for cleanroom environment. It leaves no risk of contamination and ensures an optimal hygiene level.

- Cleaning process – mechanically or manually decontaminated, packed, reducing potential risk of contamination in your cleanroom and/or products
- Traceability – Strap with RFID for tracking and documentation
- Quality control – systemic inspection and replacement through RFID technology
- Compliance – certified goggles for use in aseptic areas.
- Packing in Autoclavable Pouches

Mops

MOP service

FEATURES

Effective cleaning of cleanrooms and controlled environments is a critical process captured in the ISO 14644-1 standards and recommended standards such as IEST-RP-CC018.3. Cleanroom cleaning must meet the highest standards. Equipment must provide thorough removal of all particulate and microbiological contaminants.



A unique solution

Therefore, we offer a complete cleaning concept. The system is tailored for use in cleanrooms and controlled environments and is in accordance with ISO 14644 and GMP A+B directions. Our unique cleaning system is certified and offers reusable solutions of the highest quality. Mops of fine polyester capture and retain particles, thus minimising contamination.

BENEFITS

- Cross contamination control – Re-Usable mops prevents cross contamination during cleaning.
- Traceability – RFID technology serving you with all data documentation.
- Removal of particles/contaminants - Mops made out of 100% PES Microfibre.
- Compliance - externally validated cleaning process and calibrated equipment.
- Packing in Autoclavable Pouches.
- Durable reusable mops/wipes decontaminated in environmentally conscious process



Validations

Certificates

Our management system is certified according to the ISO 9001:2015 and ISO 14001:2015 standards.

The self-inspection system for the hygiene requirements of all laundries has been built in accordance with standard EN-SFS 14065 (Textiles - Laundry-processed textiles - Bio contamination control system).

We also follow the ISO 45001 standard for health and safety management.

Our Cleanroom services operate according to ISO 14644-1 (cleanrooms and the associated controlled environment) standard and adhere to Good Manufacturing Practice procedures.

Our Commitment to Initiatives

- The ICC Business Charter for sustainable development
- The Principles of the UN Universal Human Rights Declaration
- The ILO Declaration of Fundamental Rights and Principles
- The Guidelines of the OCED for Multinational Enterprises
- The Principle of the Global Compact (We issue reports via the European Textile Service Association)
- United Nation's Sustainable Development Goals
- Ecovadis, a platform for sustainable and transparent procurement



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