

CENTRAL WASTE HANDLING SYSTEMS



www.lundbergtech.com

 **LUNDBERG** TECH
Our waste handling keeps production going

ADVANTAGES

- Reduced volume of waste by cutting and compacting the waste
- Increased machine speed as waste is no limitation
- Reduced downtime as waste handling is always ready and the process machine does not stop for removal of waste
- Reduction of manpower for waste handling as there is no manual handling of waste from machine to container
- No heavy lifting by personnel when handling waste material
- Clean environment and no dust around the machine as the created dust is captured by vacuum system
- Less requirement for space around the machines for containers carrying waste. Disposal point can be placed outside the building
- Low cost for the operation and maintenance of the waste handling system
- Cost savings in disposal of the waste
- Low noise level as silencers are included where needed
- Adjustable capacity of suction power assuring optimised operation point
- Reduce energy consumption by cutting material as less airflow is needed for vacuum transporting
- Customised to your needs. Plant-wide solutions can be designed to cover an unlimited number of machines and locations

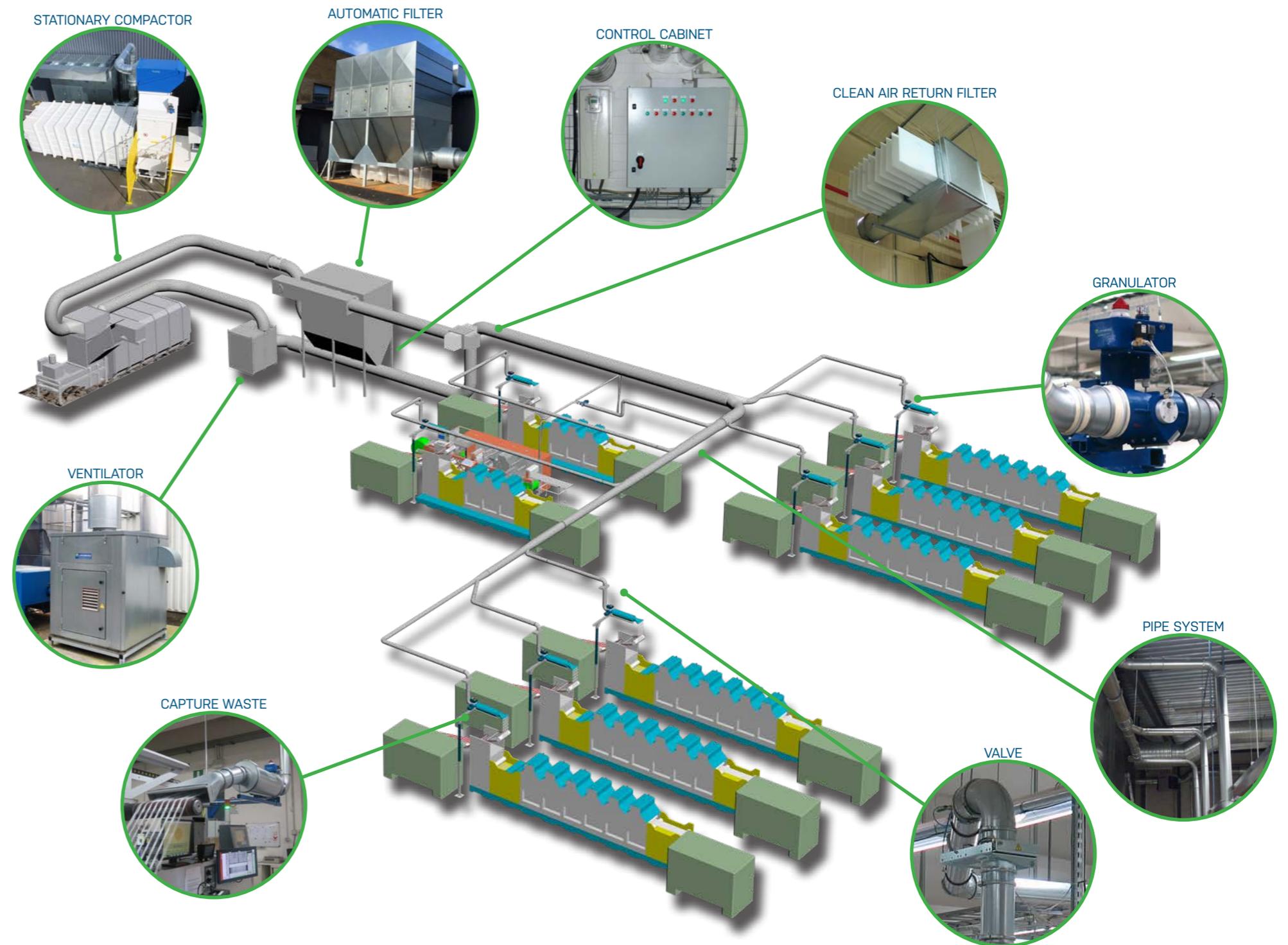


Lundberg Tech has successfully designed and installed vacuum waste handling systems for more than 40 years.

Lundberg Tech's solutions are able to cover all aspects of vacuum waste handling. The systems capture, convey, cut, collect and compact waste from an unlimited number of printing, production and packaging machines.

Automatic filter, clean air return filter, antistatic devices and all kinds of valves and diverting systems can be included. Lundberg Tech also provides onsite installation and service as well as repair of wear parts.

Lundberg Tech's list of references is impressive in terms of numbers, geography and customers.



OPTIONS

Central Waste Handling Systems can be equipped with a wide range of options. The systems are always customised and can handle all kinds of waste material generated from process machines.

Our systems can be designed to cover more machines than initially connected. This gives the flexibility to scale up the system and production in a very cost-effective way.

Static separator

Separates the waste from conveyed air stream, and waste is disposed.



Antistatic

Neutralises static electricity on waste material when it enters the air separator.



Balance ventilator

Balances pressure in air separator so that the waste is disposed without pressure.



Automatic filter

Removes dust and particles before returning the clean air back into the building to reduce energy cost.



Lubrication system

Unique system to add silicone oil through the rotor's center axis to lubricate knives when handling adhesive material.



Non-stick coating

Special non-stick surface inside pipe system and other parts in which the waste material is transported, to prevent adhesive material sticking to the surface.



Rotary separator

Separates the waste from conveyed air stream, and waste is disposed without pressure.



IOT/HMI

Automatic control of the system. The PLC allows logging of data, easy change of settings, different warning options.



Valve

Close capture point when machines are not in operation or diverting the material to specific collection points for recycling purposes.



Stationary compactor

Compacts the waste automatically in a clean operation and dramatically reduces the transport cost for removal of waste.



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