

Material Conveying & Transport Systems

Wood Waste Handling and Storage Solutions

Effectively Manage Wood Dust and Waste

Wood dust collections systems are not just about the filter, handling the waste in a safe, effective and efficient manner is a critical part of the process. Handling the waste is often a significant source of profitability for many woodworking operations and can help organizations reach their sustainability goals. Whether the material is being reclaimed for product, producing wood chips or pellets or being sold or transported elsewhere, Nederman has a solution for you.

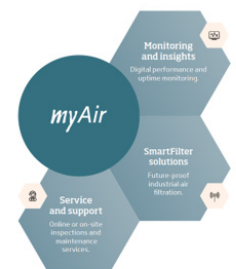
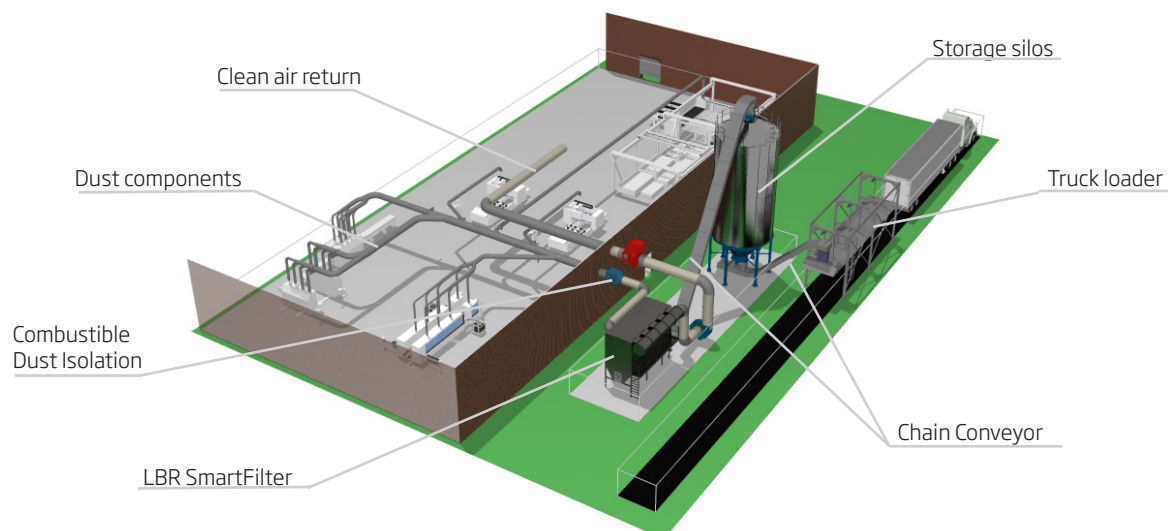
Nederman offers a range of solutions to manage wood waste material:

- **Chain Conveyors.** Reliable, cost effective and quiet solution to move material throughout your operation.
- **Silo Systems.** Storing the collected material for reuse offers a flexible and convenient way to manage this operation.
- **Truck Loaders.** Device that manages material loading into truck trailers safely and efficiently.



Turn-key Wood Dust Collection Solutions

Nederman offers complete wood dust collection systems from the point of extraction at the machine or process including the duct, filters, combustible dust safety devices, fans and the waste or material handling systems. We provide complete solutions including design, project management, installation and commissioning. After installation we offer digital monitoring and in-person services to keep your system running efficiently.



Chain Conveyors

Nederman's dual chain conveyors are the preferred solution when it comes to reliable, flexible, quiet and energy efficient material transfer.

- **Low energy consumption.** Consumes less than 20% of the energy of a pneumatic transport system.
- **Quiet operation.** Low noise level compared to pneumatic transfer systems.
- **Cost effective.** Low energy consumptions results in economical operational costs over time.
- **Flexible.** Integrates easily to filter or storage systems, can span long or short distances in flat or inclined orientations.



Silo Systems

Modular silos specifically designed for the storage of wood chips, sawdust, dust or granules. Available with flat or pitched roof and can be fitted with an outfeeder with or without a screw conveyor to transfer material.

- **On-site assembly.** Modular and panelized construction that are quickly assembled on site reducing installation and freight costs.
- **Flexible.** Available in multiple diameters, heights, roofs and discharge options to adapt to operational needs.
- **Combustible dust safety.** Equipped with explosion relief panels in compliance with ATEX & NFPA regulations.
- **Durable.** Galvanized steel construction.



Truck Loaders

Designed for rapid filling of truck trailers, as trucks drive under the frame and park or drop off the trailer. The cover including an integrated chain conveyor is lowered down creating a seal on trailer top while the dust is loaded.

- **Even loading.** The chain conveyor and level switch ensures even and quick loading the full trailer length.
- **Reliable operation.** Sensors and rubber plates ensure a tight connection between the cover and trailer even if not 100% level minimizing dust escape.
- **Service.** A service platform and ladder allows convenient and safe service from above.
- **Flexible.** Additional options, accessories including sensors and monitoring are available to customize design to operational needs.

