

Green Logistics by SSI Schaefer – everything from one „green source“.



Besides the environmentally conscious utilisation of resources, it is a necessity for SSI Schaefer to activate lasting intralogistics processes under ecological, economic and social aspects. They shall have a positive effect on our environment and on our employees.

SSI Schaefer has taken up the main ideas of Green Logistics and pursues the following approaches, both internal and external:

- Offer economical and energy-efficient solutions by means of technical innovations
- Meet the aspects of sociology by ergonomic and modern workstation design
- Observe and implement current laws and guidelines
- Implement integral Green Logistics processes

To start with Green Logistics we offer a large spectrum of solutions from building service engineering to mechatronics and automation up to comprehensive material flow solutions and warehouse processes.

Building services engineering: Many components such as photovoltaics, illumination, insulation, heating and geothermal energy positively influence the energy balance of our customer.

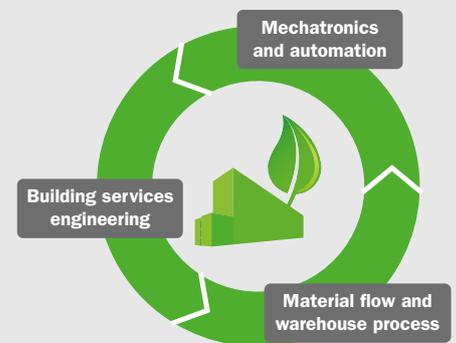
Material flow and warehouse process: There is big potential for savings in the area of conveyor systems as well as Green-IT (process optimisation, packaging, loading and dispatch).

Mechatronics and automation: SSI Schaefer focuses its efforts on ergonomics@work, Green Crane Technology as well as Green Conveyor Technology. Despite the increasing degree of automation, we value the employee as an important part of the process and consider ergonomics@work as a central element in our range of products. In the area Green Crane Technology we focus on mechanical components such as light-weight design, effectiveness-optimised drive versions, friction minimisation as well as reduction of drive sizes by deadweight balance: This is completed by electrical components such as energy-efficient drives, DC-bus coupling, power recovery system, demand-optimised driving mode and intelligent driving cycle control. Energy-efficient motors improve the effectiveness. Green Conveying Technology includes the utilisation of roller conveyors instead of chain conveyors, the utilisation of Movegear-drive, possibilities for recognition of chain wear as well as the utilisation of parallel conveying.

SSI Schaefer offers comprehensive consulting in this area in order to be gentle on the environment as well as your budget! It is our objective to achieve the largest possible economic and ecologic advantage for your system.

If the challenges of lasting, environmental logistics are consistently integrated in the development of innovative solutions, process optimisation by resource efficiency and the implementation of Green Logistics can be economically combined with each other. With its range of products and services, SSI Schaefer vastly covers the requirement profile. The high demand of Green Logistics is harmonised with the economic requirements of modern business strategies. Investments that are worth it.

We are happy to provide further information!



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SSI Schaefer has been involved for years with such topics as energy efficiency, security, and ergonomics. Consequently, we also participate in the VDMA initiative “Blue Competence – Initiative in Sustainability for Mechanical Engineering and Plant Engineering“.

