



SchmidSystemtechnik



GroundLoader

Application

In cases where no gates with loading ramps are available, e.g. due to structural circumstances or high workload, trucks and swap bodies must be loaded and unloaded from ground level.

The GroundLoader bridges the offset from ground level to the height of the truck or swap body.

Construction

The GroundLoader consists of a movable frame on which a belt conveyor and a powered expandable roller conveyor are mounted on a cantilever. The belt conveyor can be hydraulically adjusted to the height of the truck or swap body. The powered expandable roller conveyor is extended to the appropriate loading or unloading position.





Mobility

The castor wheels of the mobile frame feature large diameters and, therefore, are best suited for moving the GroundLoader on uneven ground.

Connection to conveyor technology

A proven solution is to expand the Ground-Loader by an additional expandable roller conveyor. This allows e.g., connecting the material flow to loading or unloading positions further away.

Accessories

A mobile loading and unloading platform is also available on request. This platform is placed in front of the truck and ensures a safe workplace.

Adjustability

The inclination of the expandable roller conveyor can be adjusted in order to correct unevenness of the ground.



Specifications

Belt width:	600 mm
Conveying height:	800 mm – 2.000 mm
Conveying speed:	0,5 m/s
Load capacity:	50 kg/m
Accessories:	Hydraulic adjustability of height

Options

- Expandable roller conveyor also available as gravity conveyor
- Adjustable conveying speed
- Mechanical stop
- Reversible conveying direction
- Sensor technology, e.g. for automatic stop
- Coupling to existing conveyor equipment
- Hydraulic motor-driven