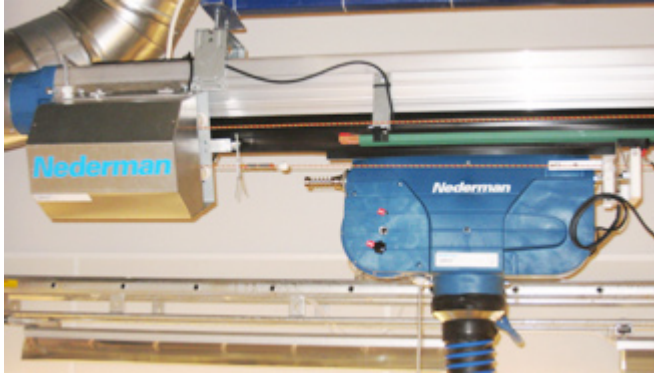


Trolley Return Unit for 920/1500

Automatic return unit for a suction trolley



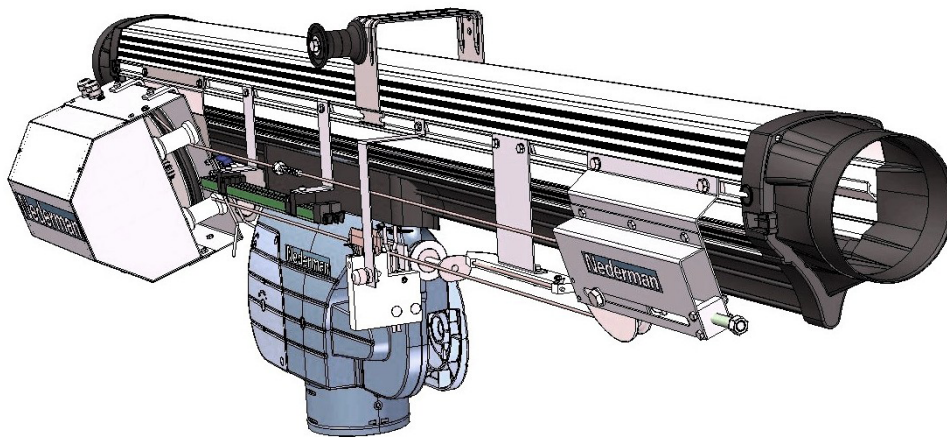
The trolley return unit is very suitable for high capacity drive through applications, e.g. vehicle inspection centers and bus garages etc.

The system is fully automated. The fan is automatically started when hose is pulled down to attach the nozzle to the exhaust pipe. The vehicle pulls the trolley along the straight rail to the disconnection point at the end of the rail.

After disconnection the hose hoist will lift up the hose, close the automatic damper and start the motorized return of the trolley. Manual return by pushing a button or completely automatic return is selected with a switch setting on the panel. The system is designed for easy operation and high reliability

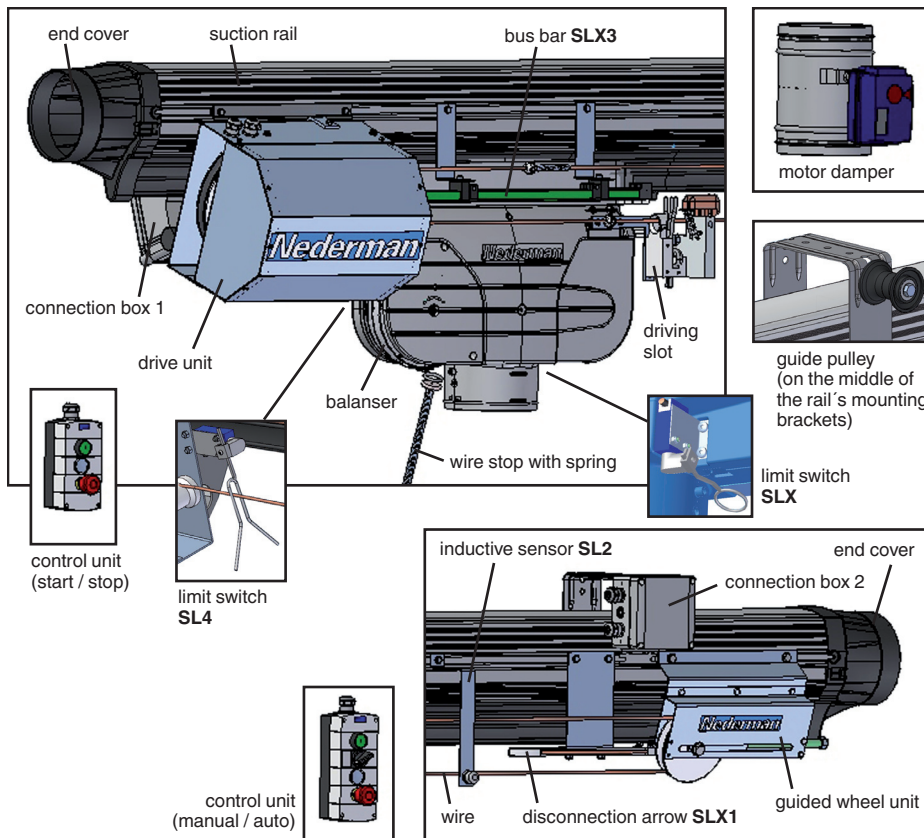
The trolley return unit is an accessory for the 920 rail and suits both mechanical and pneumatic suction units type 1500.

- Up to 35 m Rail.
- Fast loop time 0.75 m/s (45 – 50 seconds for 35 m).
- Can be combined with 920-mechanical suction units as well as pneumatic suction units.
- Safe and reliable
- Everything included



Product	Part no.
Trolley Return Unit for 920/1500	801144

Main components



Included

- Drive motor
- Control box
- Motor damper
- Internal wiring

To be ordered separately

- Rail and suction unit to be ordered separately (see separate Technical leaflets 9884012 and 150021)

Safe and reliable

- Emergency stop
- Drive release, if obstacle in-way
- Limited drive function even if limit switches fails
- Built-in failure mode logics

Automatic closing of damper when trolley return is activated.

Manual control (push button) or **automatic return** when disconnection of nozzle.

Technical information

Rail length	max. 35 m
Suction unit (1 per rail)	920-1500
Return time for suction trolley	< 1 min.
Voltage, primary side	100/115/200/230/240 V
Phase, primary side	1-phase
Frequency, primary side	50 / 60 Hz
Voltage, secondary side	24 V
Protection class	IP21

Ambient temperature working range for electrical components

Temp. resistance	0-40°C
Weight complete	30 kg

Environmental data

Recycling level	100%
Energy consumption	300 W

KOMSA