

**PALFINGER**

# **PALFINGER TAIL LIFTS PASSENGER SYSTEMS**

**LIFETIME EXCELLENCE**



## THE FLEXIBLE LIFTING RANGE FOR RAIL VEHICLES



- Semi-automatic lift built into the train
- Specially developed and produced for vehicle manufacturer requirements
- Enables wheelchair users to enter and exit the vehicle safely
- Operation only by trained staff
- Lifting height up to 1400 mm
- Retrofitting possible
- Certified acc. TSI PRM

### SAFETY DEVICES

- Automatic roll stop
- Lowering movement effected by gravity
- Protective and elegant cover
- Special vandal-resistant coating on request
- Anti-slip surface
- Lift drive secured with stroke limiting valve

	<b>Swivel Lift TR / TRB</b>	<b>Pillar Lift TRV</b>
Lifting height (mm)	max. 1400	max. 1200
Package height (mm)	1060 - 1800	1200 - 1550
Package width (mm)	320 - 450	290
Package depth (mm)	1000	1000
Lifting capacity (kg)	350	350
Platform length (mm)	1250 / 1500	1250
Platform width (mm)	800	760
Dead weight (kg)	180 - 300	180 - 220
Voltage (V)	24 / 36 / 110	24 / 36 / 110
Cycle time (sec.)	120	120
Drive	electrical or hydraulical	hydraulical
Door width (mm)	850 / 950	920

### PILLAR LIFT

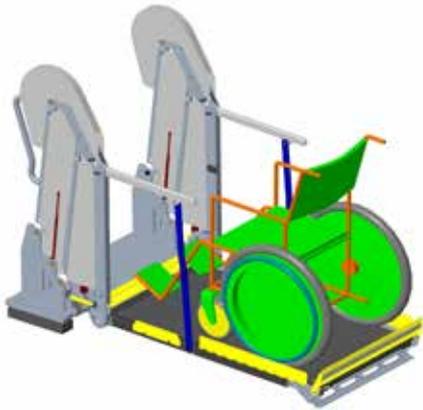
### SWIVEL LIFT



# NEW DEVELOPMENTS

## OUR INNOVATIVE NEW DEVELOPMENTS FOR RAIL VEHICLES

### TRAINLIFT - TRV 2



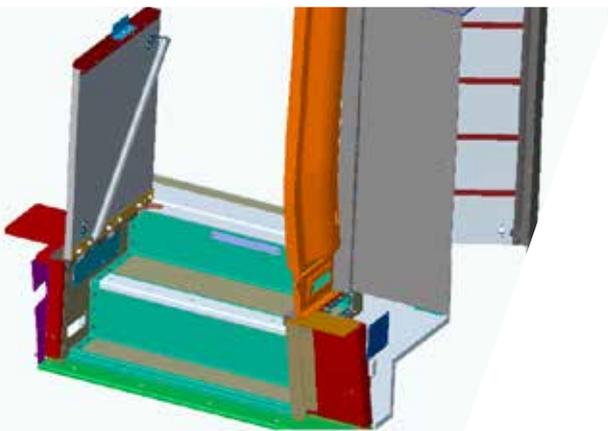
- Automatic lift built into the train
- Specially developed and produced for vehicle manufacturer requirements
- Enables wheelchair users to enter and exit safely
- Operation by train attendant
- Special door for wheelchair users
- Lifting height up to 900 mm
- Certified acc. TSI PRM
- Welding acc. EN 15085 and EN 3834

Lifting height (mm)	900
Lifting capacity (kg)	350
Platform length (mm)	1250
Platform width (mm)	760
Dead weight (kg)	ca. 260
Voltage (V)	110
Cycle time (sec.)	120
Drive	hydraulic

### SAFETY DEVICES

- Automatic roll stop
- Lowering movement effected by gravity
- Special vandal-resistant coating on request
- Anti-slip surface
- Lift drive secured with stroke limiting valve

### MEDISTEP TD - TRAP DOOR



- Dimensions customizable according to vehicle / project
- Safe covering of the steps during the ride
- Use in export markets
- Operation by train attendant

Lifting capacity (kg)	363
Platform length (mm)	901
Platform width (mm)	566
Dead weight (kg)	ca. 24

### SAFETY DEVICES

- Integrated handrail
- Locking device included
- Anti-slip surface
- Easy handling spring-assisted with automatic lowering system

## THE COMPACT LIFT FOR LOW-FLOOR VEHICLES



- Fully automatic electric lift
- Designed for use in low-floor buses or trams
- Lifting of wheelchair users from road level without curb
- Convenient and safe entry for wheelchair users
- Used in historic old towns worldwide

### SAFETY DEVICES

- Automatic roll stop
- Sensitive edges on ramp stop / platform
- Control with diagnostic function
- Safety markings
- Outputs for acoustic and visual signals
- MEDILIFT is integrated in safety circuit
- Anti-slip surface
- Compartment guard made from impact resistant plastic

#### Colum Lift LB 300

#### Cassette Lift CL 300

Height difference (mm)	approx. 300	approx. 300
Platform / Cassette width (mm)	1050	1385
Platform / Cassette depth (mm)	870	825
Lifting column / Cassette height (mm)	840	200
Entire platform length (mm)	1200	1200
Entire platform width (mm)	920	900
Lifting capacity (kg)	350	350
Voltage (V)	24	24
Current consumption (A)	30	30
Dead weight (kg)	approx. 170	approx. 200

### CASSETTE LIFT FOR TRAMS

### COLUMN LIFT FOR TRAMS AND BUSES



## THE RAMP SOLUTION FOR BUSES AND TRAMS



- Fully automatic, electric ramp
- Designed for use in low-floor buses or trams
- Convenient and safe entry for wheelchair users
- Easy and fast maintenance

### SAFETY DEVICES

- Sensitive edge at the end of the platform
- Control with diagnostic function
- MEDIRAMPE is integrated in safety circuit
- Safety markings
- Anti-slip surface
- Outputs for acoustic and visual signals
- Step on sensor
- CR 1000 with LED light strip

	Floor Version Ramp FV	Cassette Ramp CR
Installation	in the floor	under the floor
Cassette length (mm)	850	1480
Cassette width (mm)	1040	1137
Cassette height (mm)	60 / 74	70
Platform length (mm)	350 / 690	1095
Platform width (mm)	920	920
Lifting capacity (kg)	350	350
Voltage (V)	24	24
Dead weight (kg)	approx. 60	approx. 65
Extension and retraction time (sec.)	3 - 6	8
Drive	electrical	electrical

### FLOOR VERSION RAMP

### CASSETTE RAMP



**PALFINGER**

**PALFINGER Tail Lifts GmbH  
Fockestraße 53  
27777 Ganderkesee | GERMANY**

**T +49 4221 853 0**

**[passenger@palfinger.com](mailto:passenger@palfinger.com)  
[www.palfinger.com](http://www.palfinger.com)**