

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
- Acoustic and visual signal

	Swivel Lift TR / TRB	Pillar Lift TRV
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
Capacity (kg)	350	350
Platform length (mm)	1250	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

SWIVEL LIFT



PILLAR LIFT



NEW DEVELOPMENTS

OUR INNOVATIONS FOR RAIL VEHICLES

TRAINLIFT - TRV 2



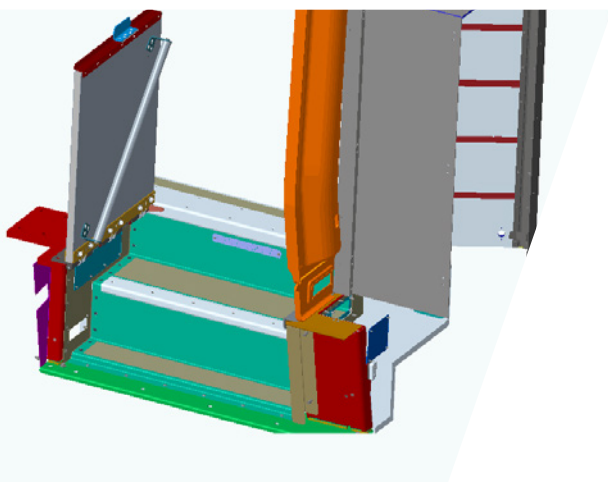
- Automatic lift built into the train
- Specially developed and produced for vehicle manufacturer requirements
- Enables wheelchair users to enter and exit safely
- Operation by train attendant
- Special door for wheelchair users
- Lifting height up to 900 mm
- Dedicated door for wheelchair users required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

Lifting height (mm)	900
Capacity (kg)	350
Platform length (mm)	1250
Platform width (mm)	760
Dead weight (kg)	ca. 280
Voltage (V)	110
Cycle time (sec.)	120
Drive	hydraulical

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
- Acoustic and visual signal

MEDISTEP TD - TRAP DOOR



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

Capacity (kg)	363
Platform length (mm)	760
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

Column Lift LB 300

Cassette Lift CL 300

Bridgeable height (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
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
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



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