

Operation cycle of passenger lift GREEN LIFT® TML 1600 kg (for 12 pers.)

Example hydraulic lift of 4 stops and of 10,0m travel

Characteristics:

Speed: $v = 0,50 \text{ m/s}$

Travel: $H_p = 10,0 \text{ m}$

No of stops: 4

- „3”: 10,0 m (getting in 12 pers.)
- „2”: 7,0 m (getting off 6 pers.)
- „1”: 4,0 m (getting off 6 pers.)
- „0”: 0,0 m (getting in 12 pers.)

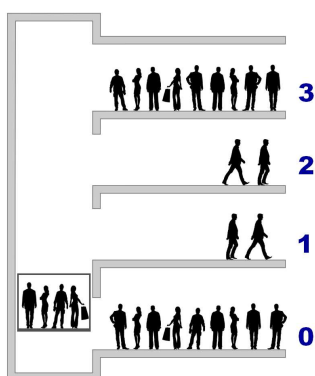


Table 1.1
Approximate travel time of hydraulic GREEN LIFT® TML 1600 kg in comparison to MRL traction lift.

	Hydraulic GREEN LIFT® $v = 0,50 \text{ m/s}$	MRL traction lift $v = 1,0 \text{ m/s}$
Level "0" – opening the doors	3 s	3 s
Getting in the cabin (12 persons)	34 s	34 s
Closing the doors	5 s	5 s
Travel to level "1"	11 s	6 s
Opening the doors	3 s	3 s
Getting out the cabin (6 persons)	12 s	12 s
Closing the doors	5 s	5 s
Travel to level "2"	9 s	5 s
Opening the doors	3 s	3 s
Getting out the cabin (6 persons)	12 s	12 s
Closing the doors	5 s	5 s
Travel to level "3"	9 s	5 s
Closing the doors	3 s	3 s
Total travel time from level "0" to "3"	1 min. 54 s	1 min. 41 s
Getting in the cabin (12 persons)	34 s	34 s
Closing the doors	5 s	5 s
Travel to level "0"	23 s	12 s
Opening the doors	3 s	3 s
Getting out the cabin (12 persons)	20 s	20 s
Closing the doors	5 s	5 s
Total travel time from level "3" to "0"	1 min. 30 s	1 min. 19 s
Total cycle time "0-3-0"	3 min. 24 s *)	3 min.

*) With higher speed down available $0,60 \text{ m/s}$ the total cycle time can be reduced to **3 min. 21 s**.