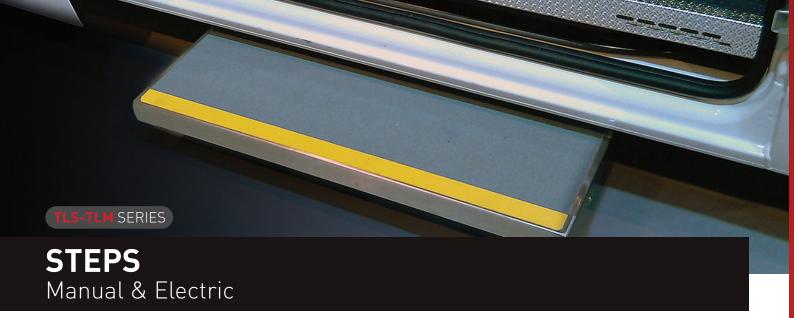




TLS-TLM SERIES

STEPS
Manual & Electric



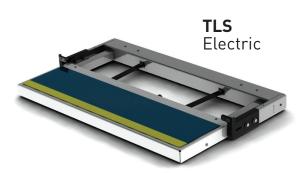


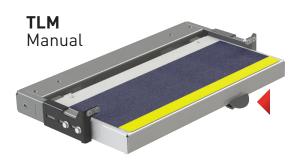
A product that will stand the test of time

- Well-tested for more than 15 years
- Maintenance-free operation in all conditions : snow, mud, sand ...
- No mud accumulation thanks to its telescopic arm technology
- Operation temperature of -30°C (-22°F) to + 60°C (140°F)
- Corrosion resistant design: step and mechanism made of 100% stainless steel, galvanised steel frame
- Ultra resistant non-slip surface coating

TLM: Manual version

- Gas strut deployment
- Pedal for release and return of the step





Non-slip polyurethane coating

- The safest non-slip coating, even in the rain. The TBS coating was developed in particular for boat decks.
- Comfortable to use thanks to its 2.1mm structure
- More than 10 years life span and high resistance to UV lights and temperature
- Several colours available







Unparalleled compactness

- Step thickness: 50 mm, Overall thickness with support: 60mm
- Very shallow total depth. The TLS and TLM can be fitted on most vehicles.

WAV version

(Wheelchair Accessible Vehicle)

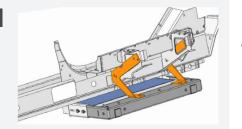
Options

- Electric harness with dashboard buzzer
- Colour band for additional visibility



Vehicles fitting kits

- Kits especially designed for each vehicle
- Delivered with all specific support screws and bolts



Wiring kit (Included with the step)

TLS

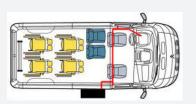
Electronic module control with anti-pinch automatic stop function: the step stops automatically if obstructed.

- Door switch
- Dashboard LED
- Buzzer (If WAV option)

TLM

Location detector in the step

- Dashboard LED
- Buzzer (if WAV option)

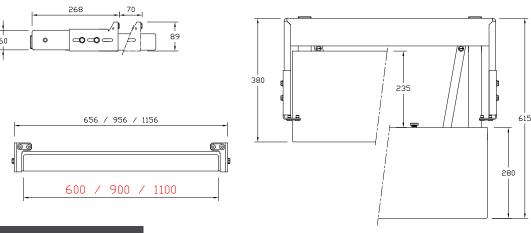






*TECHNICAL SPECIFICATIONS	
Endurance test	300 000 Cycles
Load capacity	250 Kg
Test load	375 Kg
Extending/retraction speed	0,19 m/s
Stress test (TLS)	150 N
Motor (TLS)	12V Motors, fully waterproof IP 5X
Conformity	Directive 2006/42/CE – Machinery directive Directive 2001/85/CE -Vehicle accessibility Directive 2006/28/CE - (TLS) Electromagnetic compatibility

DIMENSIONS	Step sizes	Overall sizes	Weight	
TLS / TLM 601	600 x 280 x 60mm	650 x 380 x 60 mm	20 Kg	
TLS / TLM 901	900 x 280 x 60mm	950 x 380 x 60 mm	25 kg	
TLS / TLM 1101	1100 x 280 x 60mm	1150 x 380 x 60 mm	29 Kg	



REFERENCING

Sample Reference: 601 TLS E2 NJX

Dimension	Ref	Type		Co	ating	Co	lour band	Buzzer	
		Ref	Туре	Ref	Colour	Ref	Colour	Ref	
600	601	TLS E2	Electric	G	Grey	Χ*	No band	Х	Without
900	901	TLM M2	Manual	N*	Black	J *	Yellow	В	With
1100	1101			J	Yellow	В	Blue		
						R	Red		

^{*} standard colours



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