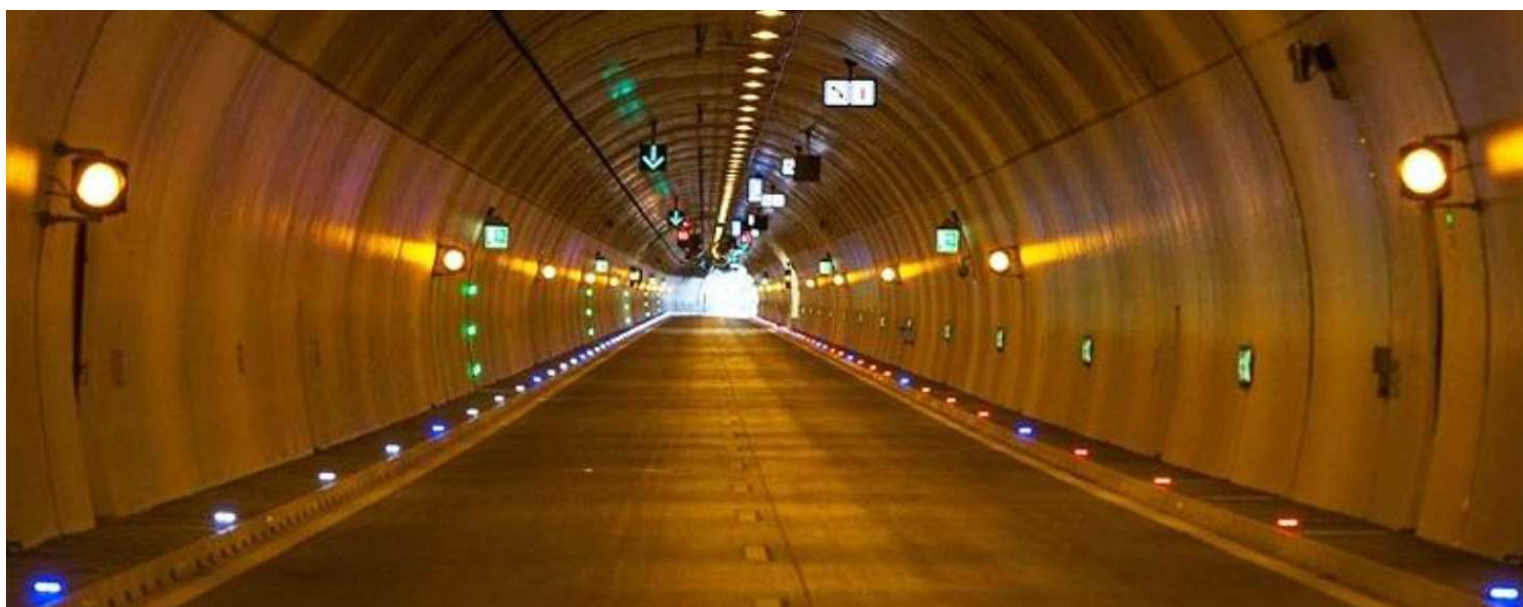




TRAFFIC SOLUTIONS



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TUNNEL SIGNS and EQUIPMENT

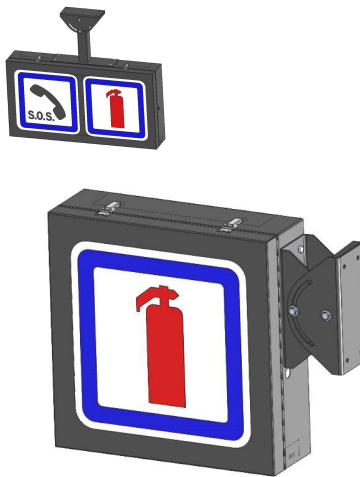
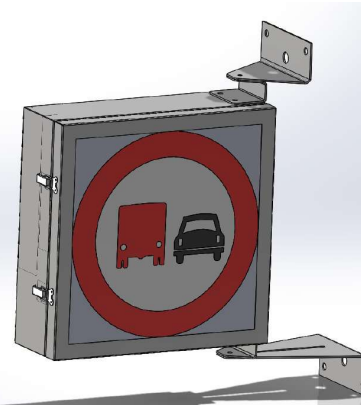
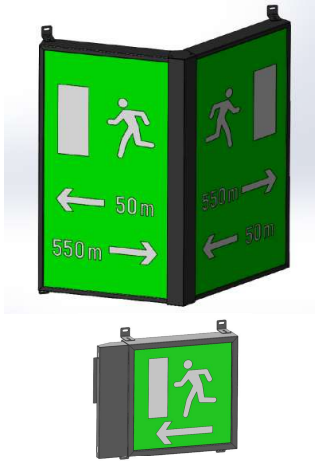
- **Tunnel Emergency Exit Marking**
- **Tunnel Traffic and Direction Signs**
- **Tunnel Fire Extinguisher Cabinet**

MAIN ADVANTAGES:

- **FLEXIBILITY** – Based on project request, custom made signs can be produced
- **OPTIONAL UPGRADE** – Insulation class II
- **COMPLIANCE** – Compliance according to EN12899-1, and other standards
- **DURABILITY** – Stainless steel AISI 316(V4A DIN 1.4571) with powder coating protection, 3M sheeting
- **LOW POWER CONSUMPTION** – LED lighting

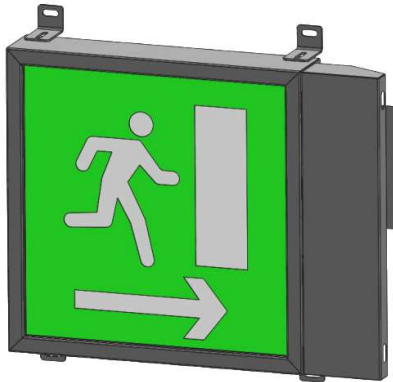
We offer complete solution in tunnel signalization projects - from sign designing to production.

MOUNTING on the tunnel wall

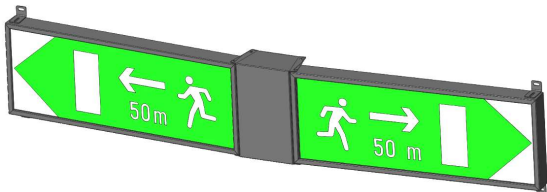
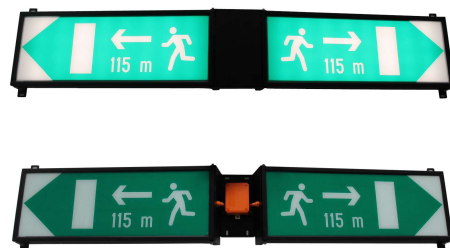
STANDARD MOUNT - perpendicular to the wall	ADJUSTABLE SUPPORT MOUNT - perpendicular to the wall	SWING MOUNT - perpendicular to the wall	STANDARD MOUNT – parallel to the wall
			
Support for fixing to the wall with stainless steel brackets.	Support for fixing directly on the wall that fits to the wall inclination.	Support for fixing directly on the wall that allows rotation of the sign in case of a collision.	Support for fixing to the wall with stainless steel brackets.

Tunnel Emergency Exit Marking

- Escape route guidance – One way

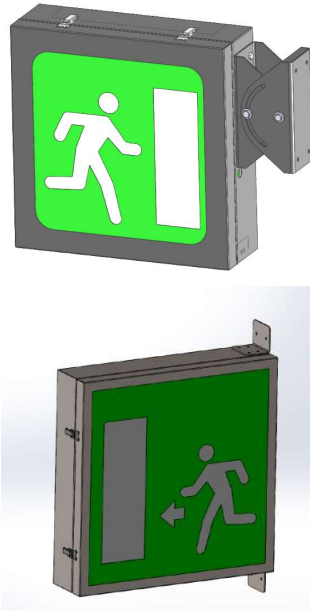
Specifications			
Sign dimension:	400 x 400 mm/as requested		
Sign material:	Temperated glass/optional Polycarbonate		
Sign sheeting:	3M EC film/optional 3M DG translucent		
Housing dimension:	600 x 480 x 85mm		
Housing material:	Stainless steel AISI 316		
Housing finish:	Powder coating - optional		
Weight:	8,5 kg		
IP protection class:	IP 66 (IEC 60529:2001)		
IK protection class:	IK10 (EN 50102:1995))		
Internal illumination:	LED		
Power supply:	230V		
Power:	15W		
Temp. range:	-20 do +40°C		
Mounting:	Directly on the wall		
Characteristics acc. EN12899-1:	Luminance class L2, Uniformity class U3		
Optional:	Dimensions can be changed according to project requests		
	Status error and failure feedback		
	Battery support		

- **Escape route guidance – Two way**

Specifications			
Sign dimension:	2 x 900 x 300 mm/as requested		
Sign material:	Temperated glass/optional Polycarbonate		
Sign sheeting:	3M EC film/optional 3M DG translucent		
Housing dimension:	2150 x 360 x 140mm		
Housing material:	Stainless steel AISI 316		
Housing finish:	Powder coating/optional		
Weight:	22 kg		
IP protection class:	IP 66 (IEC 60529:2001)		
IK protection class:	IK10 (EN 50102:1995))		
Internal illumination:	LED		
Power supply:	230V		
Power:	25W		
Temp. range:	-20 do +40°C		
Mounting:	Directly on the wall		
Characteristics acc. EN12899-1:	Luminance class L2, Uniformity class U3		
Optional:	Dimensions can be changed according to project requests		
	Status Error and failure feedback		
	Battery support		

Specifications			
Sign dimension:	2 x 500 x 1000 mm/as requested		
Sign material:	Temperated glass/optional Polycarbonate		
Sign sheeting:	3M EC film/optional 3M DG translucent		
Housing dimension:	1150 x 1060 x 350mm		
Housing material:	Stainless steel AISI 316		
Housing finish:	Powder coating/optional		
Weight:	25 kg		
IP protection class:	IP 66 (IEC 60529:2001)		
IK protection class:	IK10 (EN 50102:1995))		
Internal illumination:	LED		
Power supply:	230V		
Power:	25W		
Temp. range:	-20 do +40°C		
Mounting:	Directly on the wall		
Characteristics acc. EN12899-1:	Luminance class L2, Uniformity class U3		
Optional:	Dimensions can be changed according to project requests		
	Status Error and failure feedback		
	Battery support		

- Emergency Exit

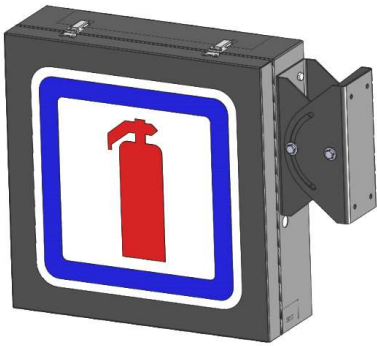
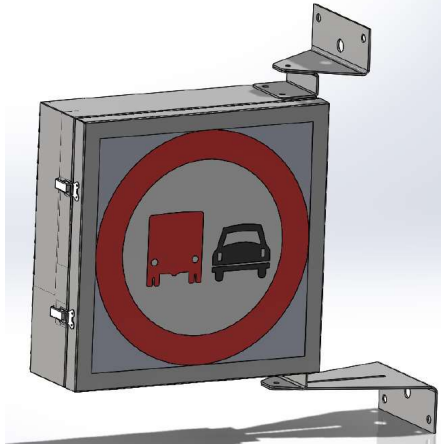
Specifications			
Sign dimension:	400 x 400 mm/as requested		
Sign material:	Polycarbonate/optional tempered glass		
Sign sheeting:	3M EC film/optional 3M DG translucent		
Housing dimension:	500 x 500 x 165mm		
Housing material:	Stainless steel AISI 316		
Housing finish:	Powder coating/optional		
Weight:	13 kg		
IP protection class:	IP 66 (IEC 60529:2001)		
Internal illumination:	LED		
Power supply:	230V		
Power:	15W		
Temp. range:	-20 do +40°C		
Mounting:	Perpendicular to the wall with adjustable support		
Characteristics acc. EN12899-1:	Luminance class L2, Uniformity class U3		
Optional:	Dimensions can be changed according to project requests		
	Status Error and failure feedback		
	Battery support		

- **Escape route guidance – Photoluminescent**

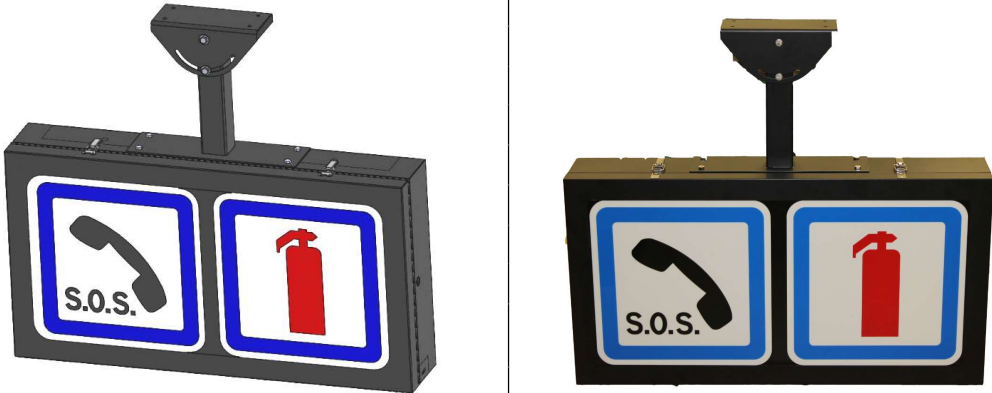
Specifications			
Sign dimension:	900x300/as requested		
Sign material:	Stainless steel AISI 316		
Sign sheeting:	3M Scotchcal™ Photoluminescent Film Series VP1587		
Luminance Specification:	Class A or B, DIN67510		
Temp. range:	-34°C to 90°C		
Mounting:	Directly on the wall		
Optional:	Dimensions can be changed according to project requests		

Tunnel Traffic and Direction Signs

- Emergency Traffic Sign Small (varies symbols)

Specifications			
Sign dimension:	400 x 400 mm/as requested		
Sign material:	Polycarbonate/optional tempered glass		
Sign sheeting:	3M EC film/optional 3M DG translucent		
Housing dimension:	500 x 500 x 165mm		
Housing material:	Stainless steel AISI 316		
Housing finish:	Powder coating/optional		
Weight:	13 kg		
IP protection class:	IP 66 (IEC 60529:2001)		
Internal illumination:	LED		
Power supply:	230V		
Power:	15W		
Temp. range:	-20 do +40°C		
Mounting:	Perpendicular to the wall with adjustable support		
Characteristics acc. EN12899-1:	Luminance class L2, Uniformity class U3		
Optional:	Dimensions can be changed according to project requests		
	One sided or two sided		
	ON/OFF version available		

- Emergency Traffic Sign Double (varies symbols)

Specifications			
Sign dimension:	840 x 400 mm/as requested		
Sign material:	Polycarbonate/optional tempered glass		
Sign sheeting:	3M EC film/optional 3M DG translucent		
Housing dimension:	940 x 500 x 165mm		
Housing material:	Stainless steel AISI 316		
Housing finish:	Powder coating/optional		
Weight:	21 kg		
IP protection class:	IP 66 (IEC 60529:2001)		
Internal illumination:	LED		
Power supply:	230V		
Power:	25W		
Temp. range:	-20 do +40°C		
Mounting:	Perpendicular to the wall with adjustable support		
Characteristics acc. EN12899-1:	Luminance class L2, Uniformity class U3		
Optional:	Dimensions can be changed according to project requests		
	One sided or two sided		
	ON/OFF version available		

- **Emergency Traffic Sign Medium (varies symbols)**

Specifications			
Sign dimension:	450 x 800 mm/as requested		
Sign material:	Polycarbonate/optional tempered glass		
Sign sheeting:	3M EC film/optional 3M DG translucent		
Housing dimension:	500 x 900 x 165mm		
Housing material:	Stainless steel AISI 316		
Housing finish:	Powder coating/optional		
Weight:	22 kg		
IP protection class:	IP 66 (IEC 60529:2001)		
Internal illumination:	LED		
Power supply:	230V		
Power:	25W		
Temp. range:	-20 do +40°C		
Mounting:	Perpendicular to the wall with adjustable support		
Optional:	Dimensions can be changed according to project requests		
	One sided or two sided		
	ON/OFF version available		

- **Emergency Traffic Sign Large (varies symbols)**

Specifications			
Sign dimension:	400x1200 mm/as requested		
Sign material:	Polycarbonate/optional tempered glass		
Sign sheeting:	3M EC film/optional 3M DG translucent		
Housing dimension:	460 x 1260 x 165mm		
Housing material:	Stainless steel AISI 316		
Housing finish:	Powder coating/optional		
Weight:	33 kg		
IP protection class:	IP 66 (IEC 60529:2001)		
Internal illumination:	LED		
Power supply:	230V		
Power:	25W		
Temp. range:	-20 do +40°C		
Mounting:	Perpendicular to the wall with adjustable support		
Optional:	Dimensions can be changed according to project requests		
	One sided or two sided		
	ON/OFF version available		

Specifications			
Sign dimension:	As requested		
Sign material:	Polycarbonate/optional tempered glass		
Sign sheeting:	3M EC film/optional 3M DG translucent		
Housing dimension:	As requested		
Housing material:	Stainless steel AISI 316		
Housing finish:	Powder coating/optional		
Weight:	25 kg		
IP protection class:	IP 66 (IEC 60529:2001)		
Internal illumination:	LED		
Power supply:	230V		
Power:	25W		
Temp. range:	-20 do +40°C		
Mounting:	Directly on the wall		
Characteristics acc. EN12899-1:	Luminance class L2, Uniformity class U3		
Optional:	Dimensions can be changed according to project requests		
	Status Error and failure feedback		
	Battery support		

- **Tunnel Fire Extinguisher Cabinet**

Specifications		
Sign dimension:	As project requirements	
Housing material:	Stainless steel AISI 316	
Housing finish:	Powder coating/optional	
IP protection class:	IP 65 (IEC 60529:2001)	
Internal illumination:	LED	
Power supply:	230V	
Temp. range:	-20 do +40°C	
Mounting:	Parallel to the wall	
Equipment	As project requirements	

REFERENCES:

NORWAY

Tromsoysund tunnel - ongoing project



On Slovenian and BiH market we operate under trade mark **MEBL** 
SIGNALIZACIJA , and our main references are:

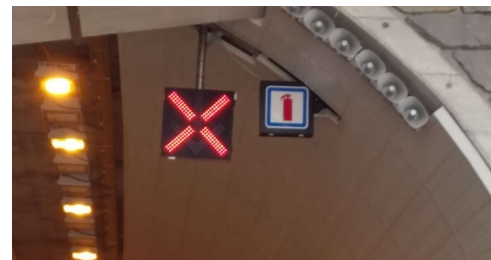
SLOVENIA

TUNNEL	
AC A1 Tunnel LOČICA 750 m Signalization restoration 2014	
AC A1 Tunnel LOČICA 1612 m Signalization restoration 2014	

AC A1 Tunnel PODMILJ 622 m Signalization restoration 2014	
AC A1 Tunnel TROJANE 2931 m Signalization restoration 2014	
AC A1 Tunnel DEKANI 2190 m Signalization restoration 2014	
AC A1 Tunnel KASTELEC 2240 m Signalization restoration 2015	

AC A1 Tunnel KARAVANKE 7864 m Signalization restoration 2015	
AC A1 Tunnel MARKOVEC 2145 m New build 2015	
AC A1 Tunnel STEN 890 m New build 2015	
Mounted Signs	

MEBL SIGNALIZACIJA



Bosnia and Herzegovina

TUNNEL	
Highway section Drivuša-Bilješevo Section length: 6.645 m Tunnel 1.Mart, 2.942 m Highway section Kravice-Bijača Section length: 10.000 m Tunnel Bijela Vlaka, 413 m Lot1, By-pass Sarajevo Section length: 9.00 0m Tunnel Oštirik, 300 m Tunnel Ožega, 400 m Highway section Vlakovo-Tarčin Section length: 20.350 m Tunnel Gaj, 874 m Tunnel Igman, 344 m Tunnel Vis, 888 m Tunnel 25. Novembar, 2.802 m Tunnel Grab, 447 m	 

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Dober znak na vaši poti