

# MDS® BARRIERS

## SITE, NOISE & WIND WALLS



## NOISE WALL & VISUAL PROTECTION

MDS® BARRIERS are pre-designed to integrate sound & noise protection barriers, site walls, wind breakers and fencing within a single barrier system providing considerable savings in terms of occupied space, supporting substructures and overall cost. The special backward positioning of the noise-protection barrier requires less lateral space on the bridge deck or road side.

### Available Wall Heights

**MDS® TL5 up to 18 Feet**

**MDS® TL4 up to 13 Feet**

## Sound Panels



### Acoustic Sound Panels

Reduce high noise levels from highway traffic. Configure panels with combination transparent and solid sound absorbing panels allowing visibility in urban and scenic environments while reducing potentially harmful sound pressure and exposure to hazardous pollutants.

## Site Walls



### Transparent Site Panels

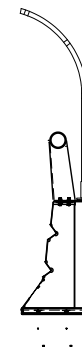
Glass panels maintain excellent transparency in all weather conditions and guarantee maximum noise protection in any location where noise pollution is an issue, such as highways and residential areas.

## Wind Breakers



### Dissuasive Barriers

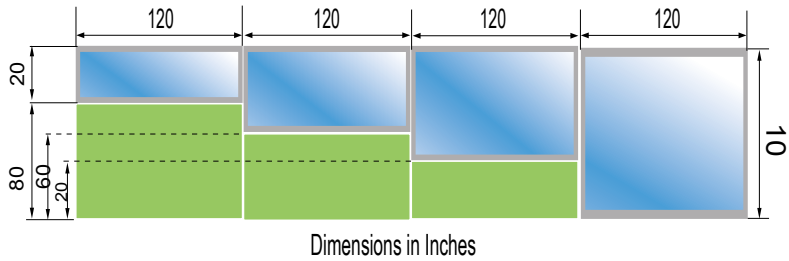
Modern aesthetic wind breakers protect motorcyclists and vehicle operators from being blown off course from strong wind gusts as they pass through bridges, valleys, mountain roads or gaps in open areas especially during slippery road conditions.



## Fence Protection

# MDS<sup>®</sup> BARRIERS

*Minimum Deflection Systems*



## SITE & NOISE WALLS

Sound barrier panels provide a perfect noise protection system that is resistant to atmospheric corrosion in industrial and seaside environments.

## STEEL SOUND PANELS

Metal sound barriers are made of galvanized steel, stainless steel or aluminum by cold forming process. Sound barrier panels provide a perfect noise protection and are resistant to atmospheric corrosion in industrial and seaside environments.

## GLASS SOUND PANELS

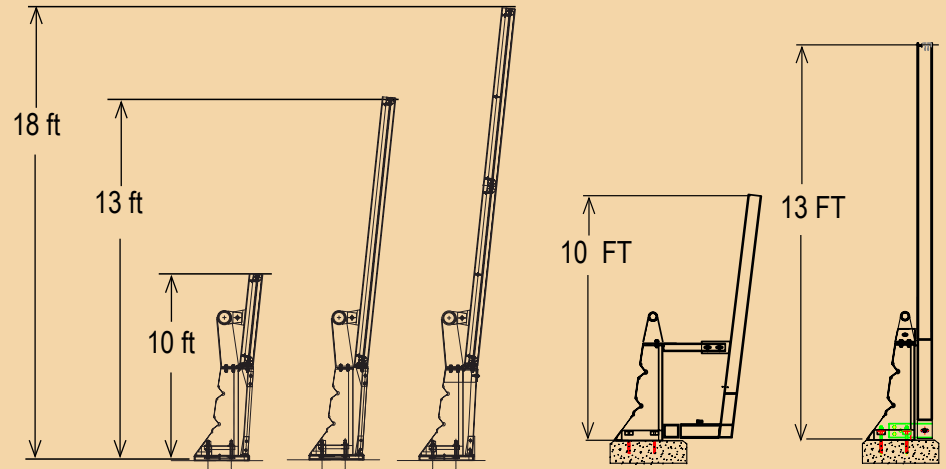
Transparent sound barriers are made up of laminated glass panels fitted in aluminum frames. Each frame is connected to the barrier posts by bolts and safety cables only in the case of extreme bolt failure. Glass panels maintain excellent transparency in all weather conditions and guarantee maximum noise protection in any location where noise pollution is an issue, such as highways and residential areas.

## SAFETY SOUND PANELS

Protect bridge decks from public abuse and projectiles. Enclose construction sights discouraging visibility and access. Provide full scale wide area protection for high threat areas for absolute containment.

## MDS<sup>®</sup> TL5

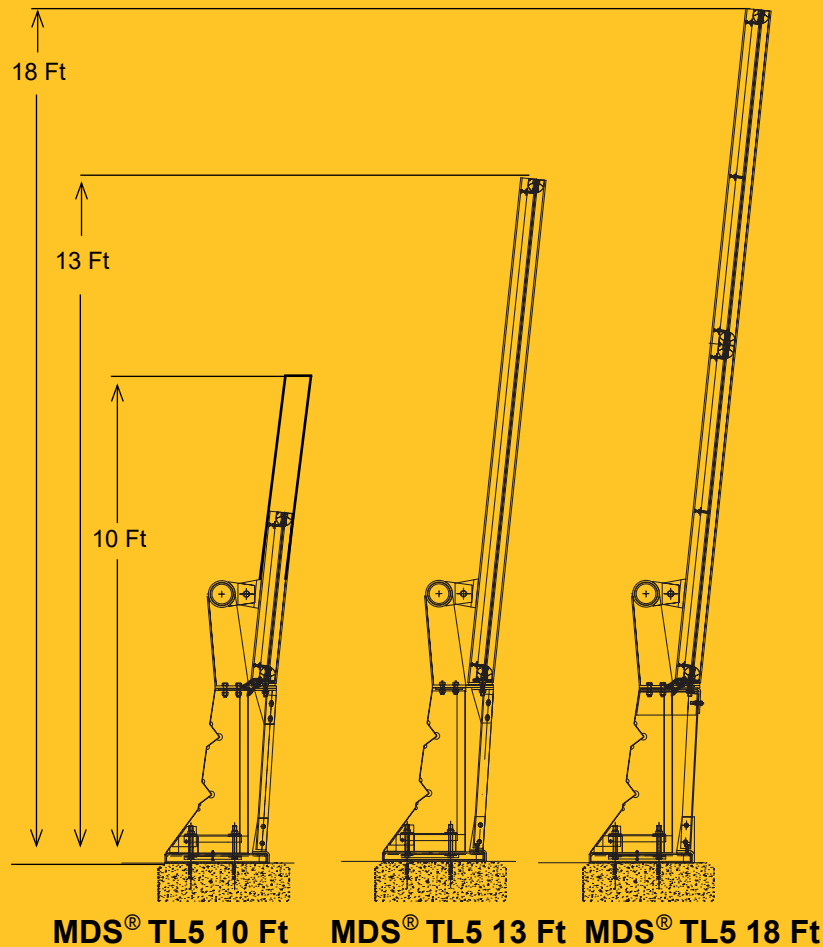
## MDS<sup>®</sup> TL4



# MDS® TL5

## H4-SERIES

High Performance MDS® STEEL BARRIER SYSTEMS  
Minimal Deflection Systems



Weight to be calculated according to the panel configuration  
Glass, Aluminum, or Glass & Aluminum

# SOUND WALLS SPECIFICATIONS

## Minimum TL5 Deflection System Specifications

### MODEL H4-6000-7DA-3M

Total height	10ft
Base unit height	38.5"
Base width	19.7"
Weight	88 Lbs per foot
Steel Coating	ASTM 123 Galvanized
Anchoring	Every 10 feet
Approvals	FHWA Approved TL5, NCHRP Report 350, MASH-08
Ref EN1317	Sergard MDS H4b

### MODEL H4-6000-7DA-4M

Total height	13ft
Base unit height	38.5"
Base width	19.7"
Weight	88 Lbs per foot
Steel Coating	ASTM 123 Galvanized
Anchoring	Every 10 feet
Approvals	FHWA Approved TL5, NCHRP Report 350, MASH-08
Ref EN1317	Sergard MDS H4b

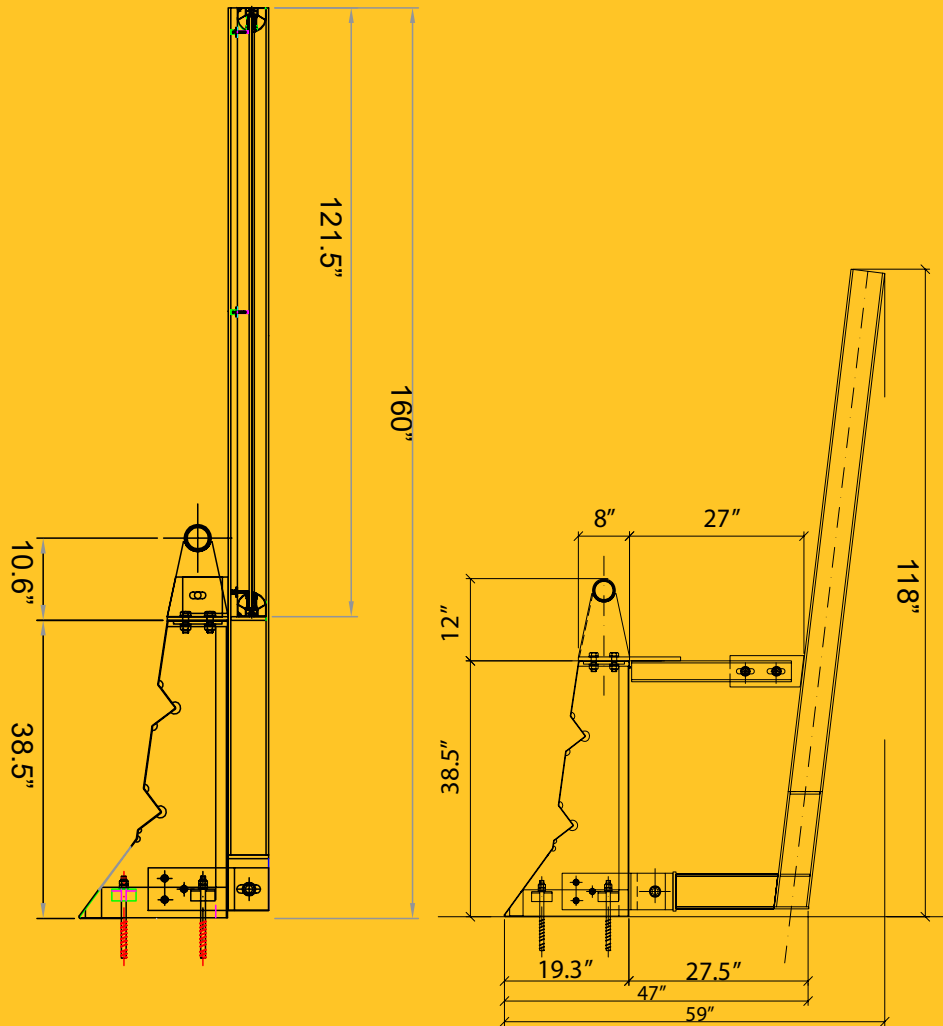
### MODEL H4-6000-7DA-55M

Total height	18ft
Base unit height	38.5"
Base width	19.7"
Weight	88 Lbs per foot
Steel Coating	ASTM 123 Galvanized
Anchoring	Every 10 feet
Approvals	FHWA Approved TL5, NCHRP Report 350, MASH-08
Ref EN1317	Sergard MDS H4b

# MDS® TL4

## H2-SERIES

High Performance MDS® STEEL BARRIER SYSTEMS  
Minimal Deflection Systems



H2-6000-7DA-2M

H2-6000-7DAS-2M

# SOUND WALLS SPECIFICATIONS

## Minimum TL4 Deflection System Specifications

### MDS® TL4 H28

Total height	8ft
Height	51"
Base unit height	38.5"
Base width	19.3"
Weight	54 Lbs per foot
Steel Coating	ASTM 123 Galvanized
Anchoring	Every 10 feet
Approvals	FHWA Approved TL5, NCHRP Report 350, MASH-08
Ref EN1317	Sergard MDS H2

### MDS® TL4 H210

Total height	Xft
Height	51"
Base unit height	38.5"
Base width	19.7"
Weight	64 Lbs per foot
Steel Coating	ASTM 123 Galvanized
Anchoring	Every 10 feet
Approvals	FHWA Approved TL4, NCHRP Report 350, MASH-08
Ref EN1317	Sergard MDS H2

Weight to be calculated according to panel  
configuration  
Glass, Aluminum, or Glass & Aluminum



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