

stainless Steel convex mirr@rs



www.convexmirrors.info



Founded in 2010, Steel Crafts Europa S.r.l. (SCE) has been created to provide

directly to European, Middle East, American and North African markets our top

quality Stainless Steel Convex Mirrors.

Furthermore, with its strategic location in the North of Italy, SCE guarantees its

customers efficient sales and after sales services with a quick delivery time.

SCE was built on the success of its sister company Ever Grow Advanced Material.

With more than 10 years of experience in stainless steel mirrors manufacturing

and a capacity of more than 70.000 Mirrors pcs/year, we have evolved into one

of the leading manufacturers of premium Stainless Steel Convex Mirrors.

Advanced technologies, highly efficient quality controls and the continuous

research and development of new and customized solutions are the main

drivers of our commitment in fulfilling our customers' needs.







SCE Stainless Steel Convex Mirrors

SCE Stainless Steel Convex Mirror superior quality has been widely accepted and recognized by countries all over the world.

The SCE Stainless Steel Convex Mirror, providing the best viewing effect, is engineered to withstand extreme outdoor weather conditions. It is the ideal solution for areas with high risk of vandalism, pilferage, or aggressive industrial chemical atmosphere, given its outstanding weather and impact resistance. Our Stainless Steel Convex Mirror can be easily installed at road intersections and parking lots, where there is a severe risk of accidental breakage.

The SCE Stainless Steel Convex Mirror is virtually unbreakable and requires minimal maintenance, therefore, it produces cost effective results in the long run when compared to other materials that may require regular maintenance or replacement. It has been rapidly replacing mirrors made of other materials for both indoor and outdoor applications for the above reasons.

Thanks to our advanced technology, as well as skilled workforce and superior services, we continue to strive to be the most prominent player in the world of convex mirrors industry. We strongly believe that our product can contribute in building a safer and more secure community.

Why to use Stainless Steel Convex Mirrors

Material	Weather Resistant	Impact Resistant	Reflectiveness	Stainless Steel Over Others
STAINLESS STEEL	****	****	***	The
Acrylic	***	**	****	reflectiveness of
				Stainless Steel
Polycarbonate	**	****	****	increases over
Glass	**	*	****	time

Remark: *****Best; ****Good; ***Normal; **Poor; *Very Poor

Source: PIARC Committee on Road Safety. Japan's Traffic Mirror Guide





stainless Steel convex mirrors



- Suitable for road safety, industrial and warehouses security, surveillance purposes in general
- Stainless steel lens perfectly polished, virtually unbreakable
- Orange PVC protective ring, UV resistant
- Orange sun shade in polycarbonate (round mirrors) or stainless steel (rectangular mirrors).
- Back in stainless steel or GI plate
- Easy to clean, requires minimal to no maintenance
- Rectangular mirrors provide wider field of view



Wall/Pole Brackets Ø50mm



Pole Brackets Ø76mm o Ø60mm

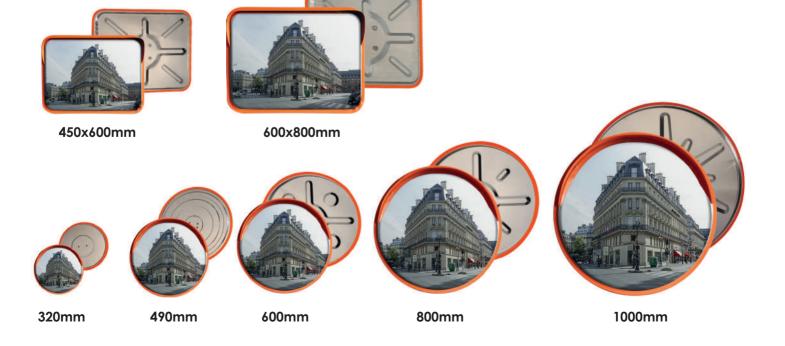


Pole Brackets Ø76mm o Ø60mm



Wall Brackets Only available for Ø76mm pole brackets









Pole Brackets Ø76mm o Ø60mm



Wall Brackets Only available for Ø76mm pole brackets



- Suitable for road and traffic safety, industrial and warehouses security, surveillance purposes in general
- Stainless steel lens perfectly polished, virtually unbreakable
- Frame and back in ABS Plastic, shockproof and UV resistant
- ABS plastic frame provided with red reflective stickers
- Easy to clean, requires minimal to no maintenance
- Rectangular mirrors provide wider field of view



Full Metal Outdoor stainless STEEL convex mirrors





Pole Brackets Ø76mm o Ø60mm



Wall Brackets Only available for Ø76mm pole brackets







- Suitable for road and traffic safety, industrial and warehouses security, surveillance purposes in general
- Stainless steel lens perfectly polished, virtually unbreakable
- Back in GI plate, shockproof, wind and UV resistant
- ABS plastic frame provided with red reflective stickers (Ø 600 and 800 mm)
- Reflective sticker directly applied on the lens (Ø 450x600 and 600x800 mm)
- Easy to be clean, requires minimal to no maintenance



600mm

800mm

450x600mm

600x800mm



Regulatory stainless STEEL convex mirrors





Pole Brackets Ø76mm o Ø60mm



Wall Brackets Only available for Ø76mm pole brackets





- Suitable for road and traffic safety
- Stainless steel lens perfectly polished, virtually unbreakable
- The mirrors comply with the french interministerial instruction on road signs, approved by the decree of 7th June 1977 on road and motorway signs (GU 13th August 1977)
- Back in GI plate
- Easy to clean, requires minimal to no maintenance
- Rectangular mirrors provide a wider field of view









450x600mm

600x800mm





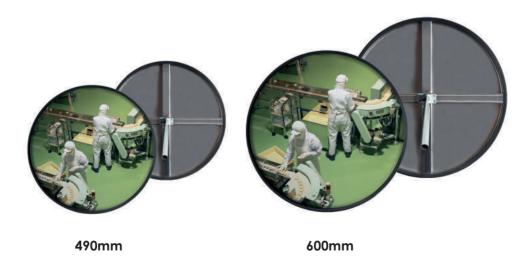
Wall Brackets







- Suitable for Indoor usage, internal parking lot, supermarkets and surveillance purposes in general
- Stainless steel lens perfectly polished, virtually unbreakable
- Black PVC protective ring
- Back stainless steel crossed section: efficient and light
- Easy to clean, requires minimal to no maintenance







Anti Freeze stainless STEEL convex mirrors



- Suitable for road safety, industrial and warehouses security, surveillance purposes in general
- Stainless steel lens perfectly polished, virtually unbreakable
- ABS plastic frame provided with red reflective stickers
- Back in GI plate, shockproof, wind- and UV resistant
- No electricity needed. Functioning based on hot/cold, day/night alternation: thanks to the Thermogel technology, the mirror absorbs heat during the day and releases it during the night, thus reducing the formation of ice and condensation.
- Functioning subject to suitable weather conditions
- Easy to clean, requires minimal to no maintenance
- Rectangular mirrors provide wider field of view



600mm



600x800mm

ACCESSORIES

Wall/Pole Brackets Ø50mm



Pole Brackets Ø76mm o Ø60mm



Pole Brackets Ø76mm o Ø60mm

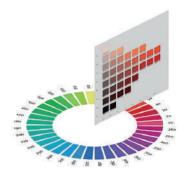


Wall Brackets Only available for Ø76mm pole brackets



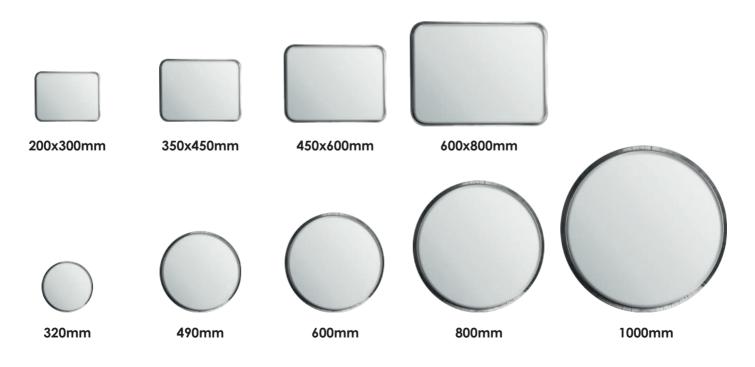


Customized stainless STEEL convex mirrors





- Stainless steel lens perfectly polished, virtually unbreakable
- PVC protective ring and sunshade customizable, upon request, in any color
- Back in stainless steel or GI plate
- Easy to clean, requires minimal to no maintenance
- Upon request, stainless steel lenses without back and/or frame



Accessories





Wall/Pole Brackets Ø50mm



Pole Brackets Ø76mm o Ø60mm



Wall Brackets Only available for Ø76mm pole brackets



Wall Brackets



Pole Brackets Ø76mm o Ø60mm

Where to use it



Industrial and Commercial Areas

Petrolchemical and steel mills, heavy industries in general Industrial processing zones Malls and supermarkets Banks Car parkings Transit areas



Transports and Logistics

Airports Train stations Metro stations Bus stations Ports Warehouses Logistics terminals



Road Safety

Public plants

Intersections and junctions Winding roads Blind corners Secondary roads Roads with access to car parkings, industries and commercial areas Maritime cities



Public and Private Institutions

Schools Hospitals Swimming pools Prisons Public offices Police and fire stations Military bases

Technical Info



View Distances

Dist Width of the Road (m)	tance in meters (m)	30 m	30 - 40 m	40 - 50 m	50 - 60 m
1 lane road	4 - 5 m	Ø 600 mm # 450x600 mm R: 1500 mm	Ø 600mm #450x600mm R: 2200mm	Ø 800 mm # 600x800 mm R: 3000 mm	Ø 800 mm # 600x800 mm R: 3000 mm
2 lane road	6 m	Ø 800 mm # 600x800 mm R: 2200 mm	Ø 800 mm # 600x800 mm R: 2200 mm	Ø 1000 mm R: 3000 mm	Ø 1000 mm R: 3000 mm
2 Iane roda	7 m	Ø 1000 mm R: 2200 mm	Ø 600 mm R: 2200 mm	Ø 1000 mm R: 3000 mm	Ø 1000 mm R: 3000 mm

Ø: Round mirror size (mm)

- #: Rectangular mirror size (mm)
- R: Radius (mm)

If the distance is more than 60 meters, Ø 1000 mm, radius 3600 mm is the best solution

Quality Tests Performed

Resistance to Wind Load

Sample mounted horizontally with pole brackets provided from the client. Torque moment of the fixing screws: 110 Nm. Sample loaded with 60 Kg for 5 min. Results: No variations of the position of the sample. No cracks.

Coefficient of Reflection

Coefficient of reflection measured through integrating sphere: 64,2%

Fields of Vision

Field of vision measured with the observation axis that passes perpendicular through the center of the sample at a distance of 4 meters: 60°.

Source: TÜV Rheinland Italia srl – Product Report

Comparative Tests* between different Convex Mirrors Materials

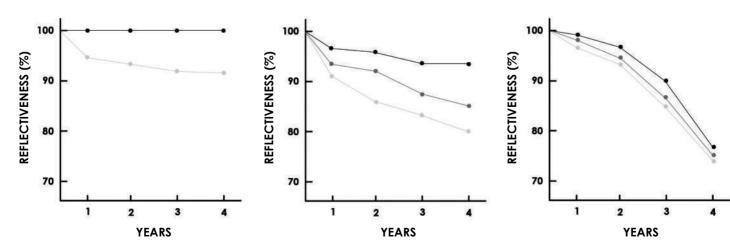
(Exposition of Mirrors for 4 years in different environments)

- City
- Mountain
- Seaside

STAINLESS STEEL



POLYCARBONATE



* Test Results are to be intended just as reference

Source: Japanese "National Road Sign & Display Association"



Standard Shipping Info



Outdoor Stainless Steel Convex Mirrors

Mirror Size	Packaging Sizes (mm)	Gross Weight	Mirrors per Box (pcs)	Capacity (pcs)
(mm)		Approx (kg)		1 Pallet
320	370 x 362 x 77	1,5	1	160
490	546 x 544 x 63	3,5	1	72
600	725 x 725 x 125	11	1	22
800	900 x 900 x 125	15	1	18
1000	1100 x 1100 x 125	21	1	10
450 x 600	690 x 625 x 133	9	1	25
600 x 800	885 x 785 x 133	13	1	19

ABS Stainless Steel Convex Mirrors

	Mirror Size		Gross Weight	Mirrors per	Capacity (pcs)
L	(mm)	(mm)	Approx (kg)	Box (pcs)	1 Pallet
	600	827 x 811 x 113	13	1	20
	800	1048 x 1032 x 113	17	1	15
	450 x 600	834 x 773 x 113	11	1	24
	600 x 800	1023 x 817 x 113	15	1	18
				1	11

Full Metal Outdoor Stainless Steel Convex Mirrors

Mirror Size (mm)	Packaging Sizes (mm)	Gross Weight Approx (kg)	Mirrors per Box (pcs)	Capacity (pcs) 1 Pallet
600	827 x 811 x 113	13	1	20
800	1048 x 1032 x 113	17	1	15
450 x 600	690 x 625 x 133	9	1	25
600 x 800	885 x 785 x 133	13	1	19

Regulatory Stainless Steel Convex Mirrors

Mirror Size		Gross Weight	Mirrors per	Capacity (pcs)
(mm)	(mm)	Approx (kg)	Box (pcs)	1 Pallet
600	1114 x 970 x 135	13	1	10
450 x 600	1068 x 754 x 135	9	1	10
600 x 800	1224 x 1078 x 135	15	1	9

Indoor Stainless Steel Convex Mirrors

Mirror Size	Packaging Sizes	Gross Weight	Mirrors per	Capacity (pcs) 1 Pallet
(mm)	(mm)	Approx (kg)	Box (pcs)	
490	525 x 525 x 110	2,5	1	60
600	675 x 675 x 115	3,8		22

Antifreeze Stainless Steel Convex Mirrors

Mirror Size	Packaging Sizes	Gross Weight	Mirrors per	Capacity (pcs) 1 Pallet
(mm)	(mm)	Approx (kg)	Box (pcs)	
600	758 x 758 x 125	13	1	15
600 x 800	855 x 960 x 135	17		15

Deliveries all around Europe within 10 working days for all products in stock













Stainless Steel Convex Mirrors Complete Range





320mm 490mm 600mm 800mm 1000mm

600mm

800mm



450x600mm 600x800mm



450x600mm 600x800mm



600mm 800mm



450x600mm 600x800mm



600mm



450x600mm 600x800mm



490mm 600mm



600m



600x800mm





Steel Crafts Europa s.r.l. Società a Socio Unico soggetta a direzione e coordinamento di Ni Hsin Resources Bhd

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ASSOCIATA



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