

TRUST US, YOU ARE SAFE WITH US



**SURFENCE**



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Surfence Makine is an engineering company specialized in machinery equipment and safety systems. Founded in 2017 in Bursa, TÜRKİYE, our company is committed to 100% domestic production. All of our products are designed and manufactured in-house and are fully CE certified. Surfence continues its commercial operations from its headquarters in Bursa.

As of January 2025, we have expanded our global presence with the opening of a 1,000 m<sup>2</sup> European Sales Center located in Grenzach-Whylen, Germany. This new facility is established to enhance our service capabilities in Europe, offering faster delivery, local technical support, and closer collaboration with our European customers.

Surfence's patented fastening system goes beyond conventional connection methods. It is an innovative design developed specifically to meet customer needs and shaped by real-world feedback. Our production processes are built around transforming customer demands into practical, high-standard engineering solutions—providing Surfence with a unique edge in the industry.

With a strong commitment to quality and absolute customer satisfaction, Surfence has rapidly grown into one of the key solution providers in its field. We comply fully with all EU directives and have successfully passed all required field tests, holding certifications such as CE, ISO 9001, ISO 14001, TS EN 953, DIN EN ISO 13857, and EN ISO 14120.

Surfence Makine continues to be your trusted partner in creating safer and more efficient production environments.

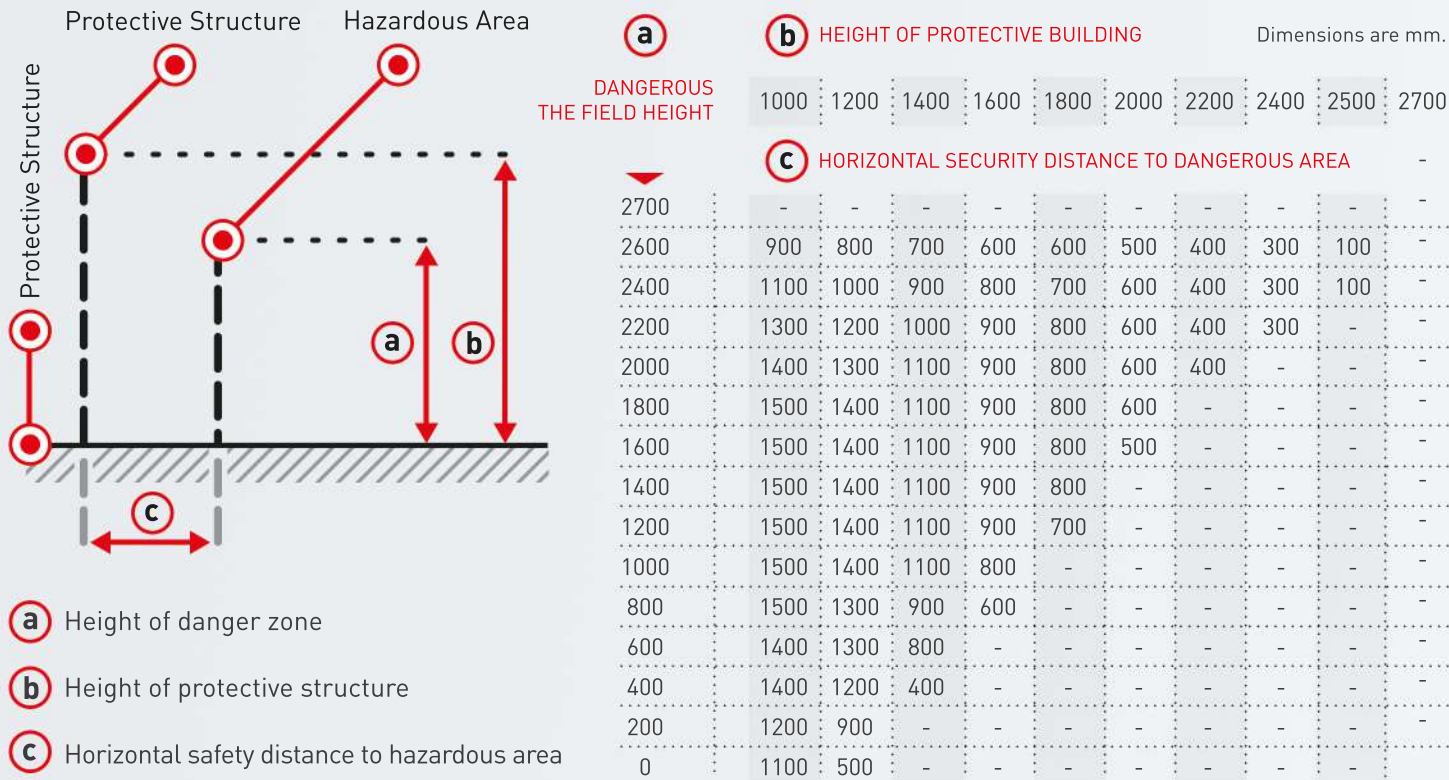
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EN ISO 13857, 4.2.2: ACCESS VIA PROTECTOR STRUCTURES; HIGH RISK



EN ISO 13857, 4.2.4: ACCESS THROUGH OPENINGS

SECURITY DISTANCE  $S_r$

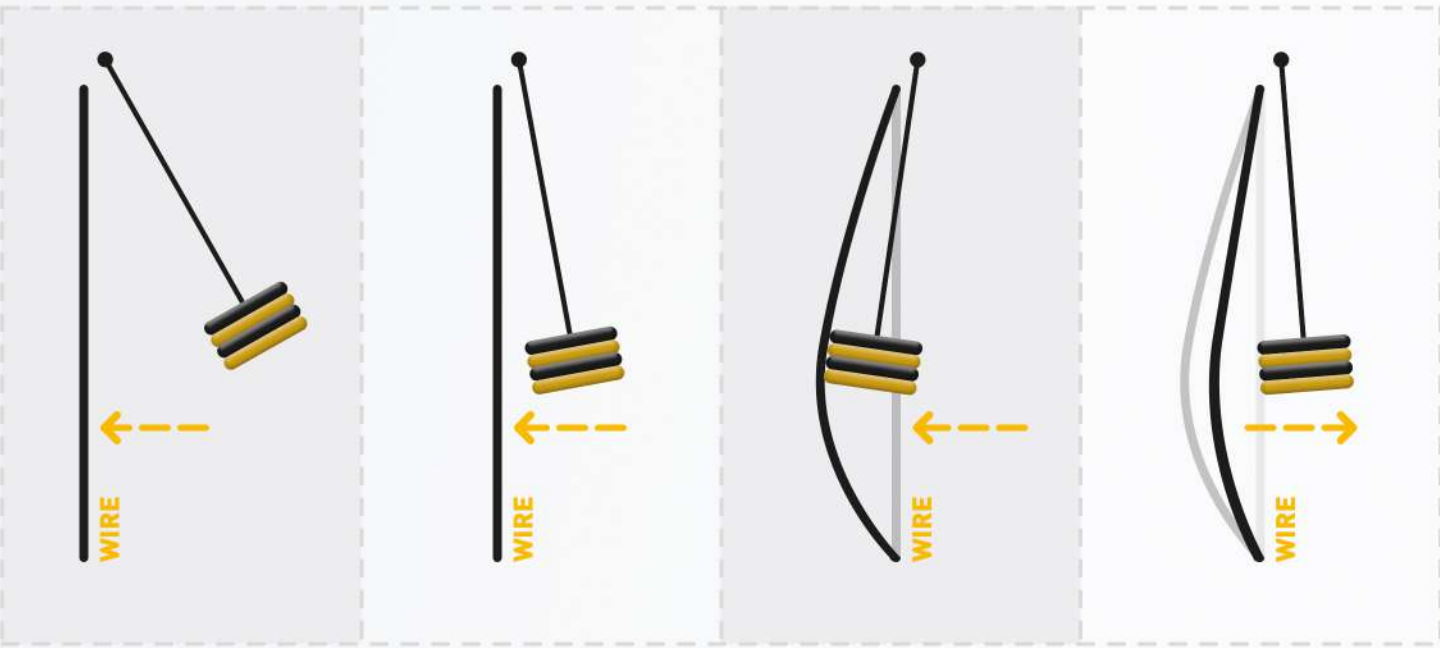
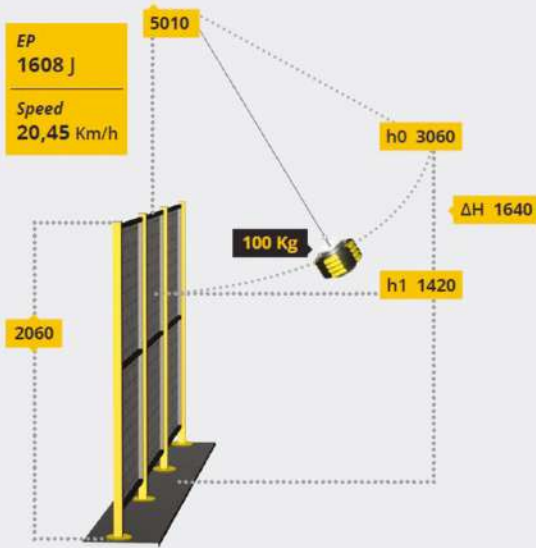
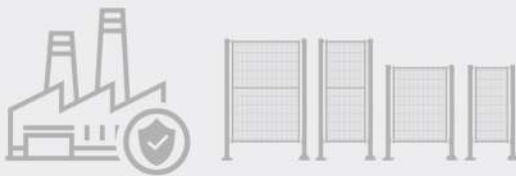
Dimensions are mm.

	LIMB	IMAGE	OPENNESS	HOLDER	SQUARE	CIRCULAR
FINGERTIP		$e \leq 4$ $4 < e \leq 6$	$\geq 2$ $\geq 10$	$\geq 2$ $\geq 5$	$\geq 2$ $\geq 5$	
DISTANCE FROM WRIST TO WRIST		$6 < e \leq 8$ $8 < e \leq 10$	$\geq 20$ $\geq 80$	$\geq 15$ $\geq 25$	$\geq 5$ $\geq 20$	
HAND		$10 < e \leq 12$ $12 < e \leq 20$ $20 < e \leq 30$	$\geq 100$ $\geq 120$ $\geq 850$	$\geq 80$ $\geq 120$ $\geq 120$	$\geq 80$ $\geq 120$ $\geq 120$	
DISTANCE FROM ARM TO SHOULDER		$30 < e \leq 40$ $40 < e \leq 120$	$\geq 850$ $\geq 850$	$\geq 200$ $\geq 850$	$\geq 120$ $\geq 850$	

If the slot opening is less than or equal to 65 mm, it will act as a thumb stop and can reduce the safety distance to 200 mm.

EN ISO 14120: IMPACT TEST

Our products are manufactured in accordance with the impact test specified in EN ISO 14120 standards.







We certify our products and services to internationally recognized quality, environmental, occupational health, and information security standards, and continuously improve every stage from production and R&D to logistics and after-sales through regular audits by independent bodies. This integrated management approach enables us to deliver top-level safety, high performance, and full legal compliance.

Our global conformity reports are clear proof of our transparency and competitive strength. To review our certificates in detail or request further information, please visit our contact page.



For more detailed information about the quality, safety, and standardization certificates we have obtained for our company and products, please contact us.

### DIMENSIONS

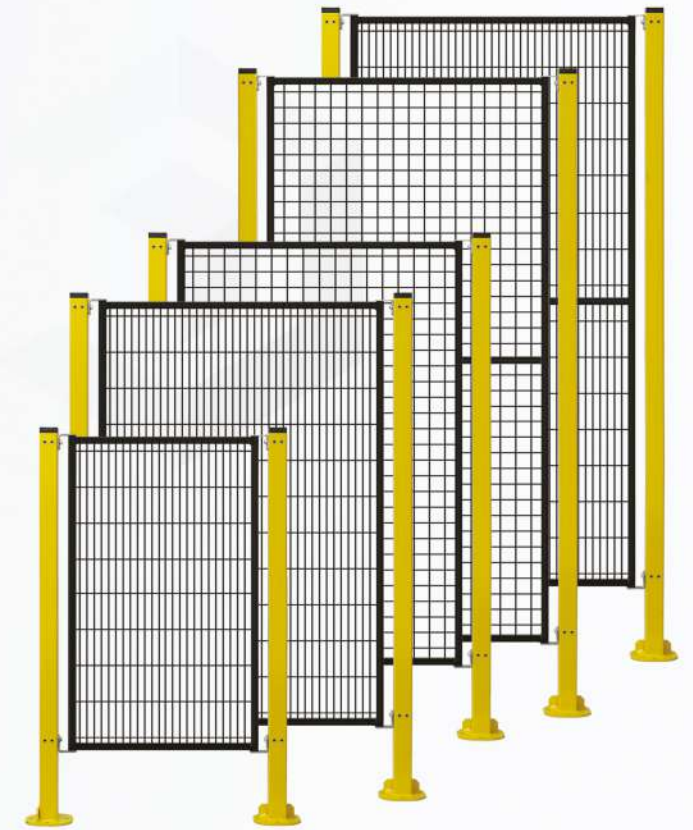
Safety Distance	120, 200 mm
Uprights	30x20 mm
Horizontal	25x15 mm
Posts	50x50, 70x70 mm
Vertical Wires	Ø 3 mm
Horizontal Wires	Ø 2.5 mm
Mesh Aperture	50x30 mm
Finish	Phosphatising / Epoxy Paint

### COLOURS

Colour Mesh Panel	Black RAL 9011
Colour Post 50x50	Yellow RAL 1018, Black RAL 9011* Blue RAL 5005*, Red RAL 3020*
Colour Post 70x70	Yellow RAL 1018, Red RAL 3020*

It can be applied in other colors.  
Product out of stock, contact us for more information.

In most environments and machines, wires with the above-mentioned mesh provide adequate protection.



## PATENTED FEATURES CONNECTION

Surfence's patented fastening system provides extra ease of installation.

In angled turns, mounting can be carried out at angled turns of up to 120° without the need for additional connection equipment.

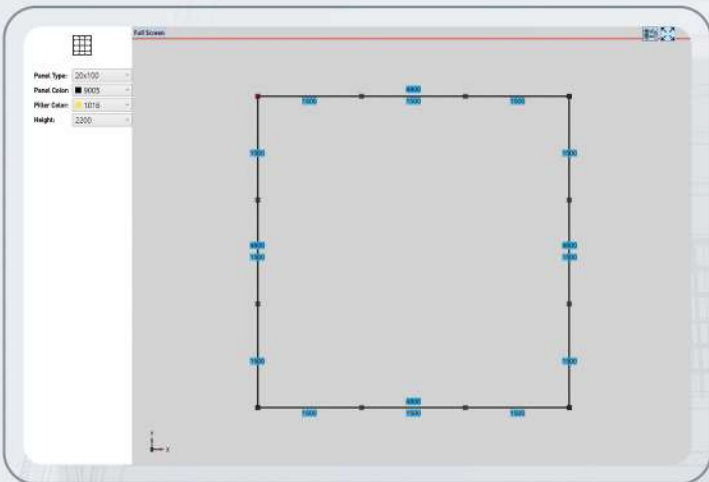
This prevents connection equipment confusion and saves time and installation.





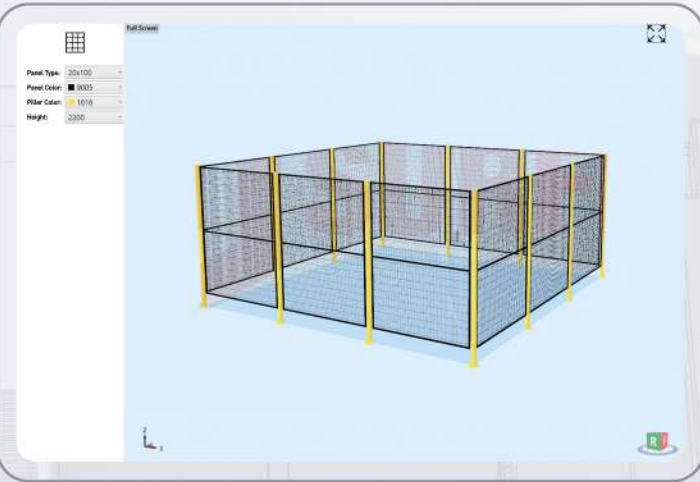


SOFTWARE PAGE



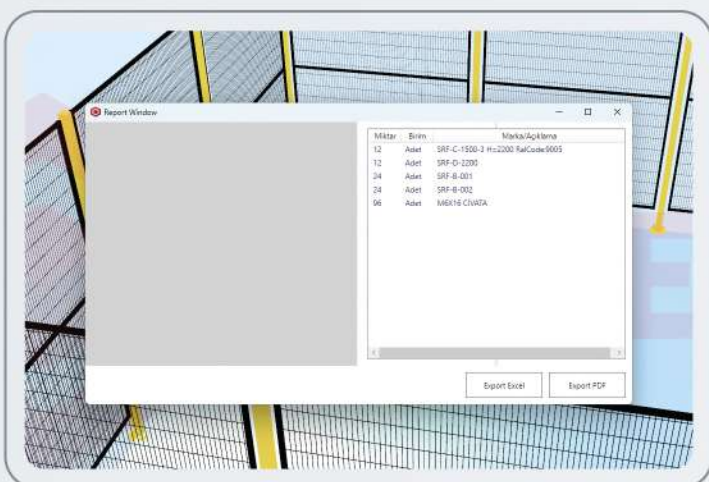
EASY DRAW

Create your layout works in 2D in a very simple system.



PREVIEW

Automatically preview your 2D work in 3D.



ORDER

With the Report option, you can extract the material list and place an order.

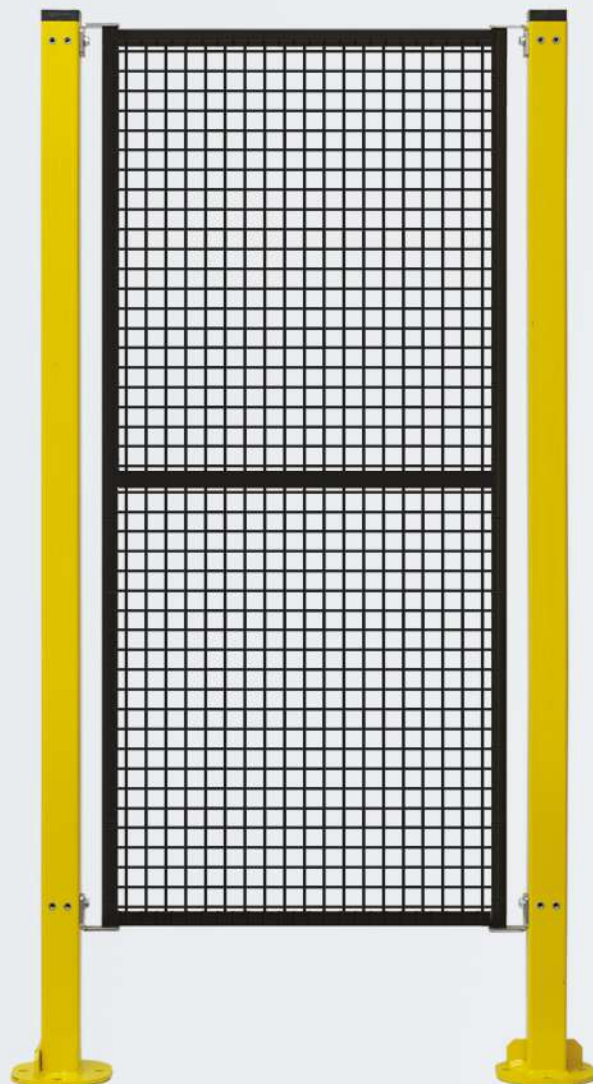
THREE EASY STEPS  
FENCE PANELS

SURDRAW is a user-friendly design platform that streamlines the complex planning of safety fences into a single, intuitive flow. Following the “Draw → View → Place Order” logic, its interface lets you create an optimal layout in minutes without technical expertise. First, select your modules and sketch the site with drag-and-drop ease; then switch to a realistic 3D preview to instantly verify dimensions, color options, and accessory combinations.

In the final step, the software automatically itemizes every component, calculates costs, and converts the design into a ready-to-send purchase order with one click. In short, SURDRAW simplifies safety-fence projects, cuts the time from quotation to installation, and delivers both time and cost efficiencies for your business.

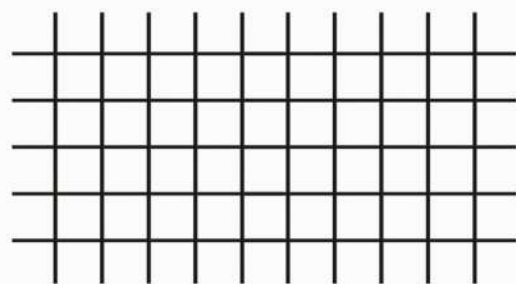




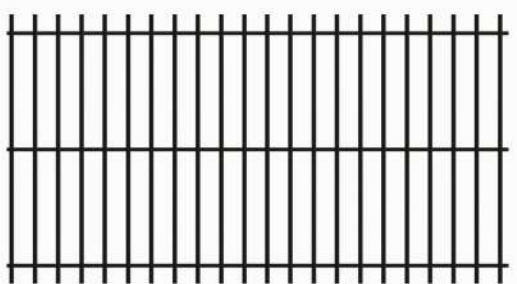


**WIRES INFORMATION  
FOR FENCES**

SURFENCE security systems allow you to design your spaces as you wish thanks to their modular panel designs. Even in the most complex locations, the layout offers you the safest and most cost-effective solutions.

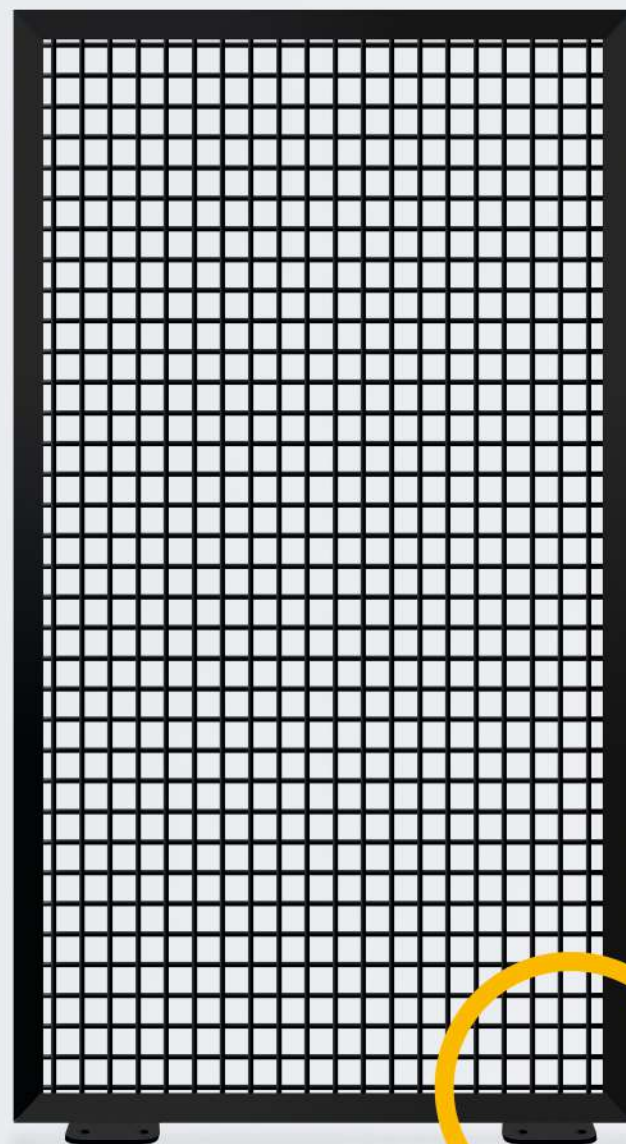


PRODUCT CODE	FENCE WIDTH	FENCE HEIGHT	WIRE DISTANCE	WEIGHT
SRF-C-200-4	195 MM	2000 MM   1200 MM	40x40	4 kg   3 kg
SRF-C-300-4	295 MM	2000 MM   1200 MM	40x40	5 kg   4kg
SRF-C-500-4	495 MM	2000 MM   1200 MM	40X40	7,5 kg   6 kg
SRF-C-800-4	795 MM	2000 MM   1200 MM	40x40	10,5 kg   9,6 kg
SRF-C-1000-4	995 MM	2000 MM   1200 MM	40x40	12 kg   12 kg
SRF-C-1200-4	1195 MM	2000 MM   1200 MM	40x40	13 kg   11,5 kg
SRF-C-1500-4	1495 MM	2000 MM   1200 MM	40x40	17 kg   15,5 kg



PRODUCT CODE	FENCE WIDTH	FENCE HEIGHT	WIRE DISTANCE	WEIGHT
SRF-C-200-3	195 MM	2000 MM   1200 MM	20x100	3 kg   2,4 kg
SRF-C-300-3	295 MM	2000 MM   1200 MM	20x100	4 kg   3,2 kg
SRF-C-500-3	495 MM	2000 MM   1200 MM	20x100	6 kg   5,6 kg
SRF-C-800-3	795 MM	2000 MM   1200 MM	20x100	8 kg   6,8 kg
SRF-C-1000-3	995 MM	2000 MM   1200 MM	20x100	10 kg   9,6 kg
SRF-C-1200-3	1195 MM	2000 MM   1200 MM	20x100	11 kg   10,2 kg
SRF-C-1500-3	1495 MM	2000 MM   1200 MM	20x100	13,5 kg   12 kg





# STRONG FENCES

**VERY STRONG**  
**LONG LASTING**  
**EASY ASSEMBLY**  
**MODULAR**

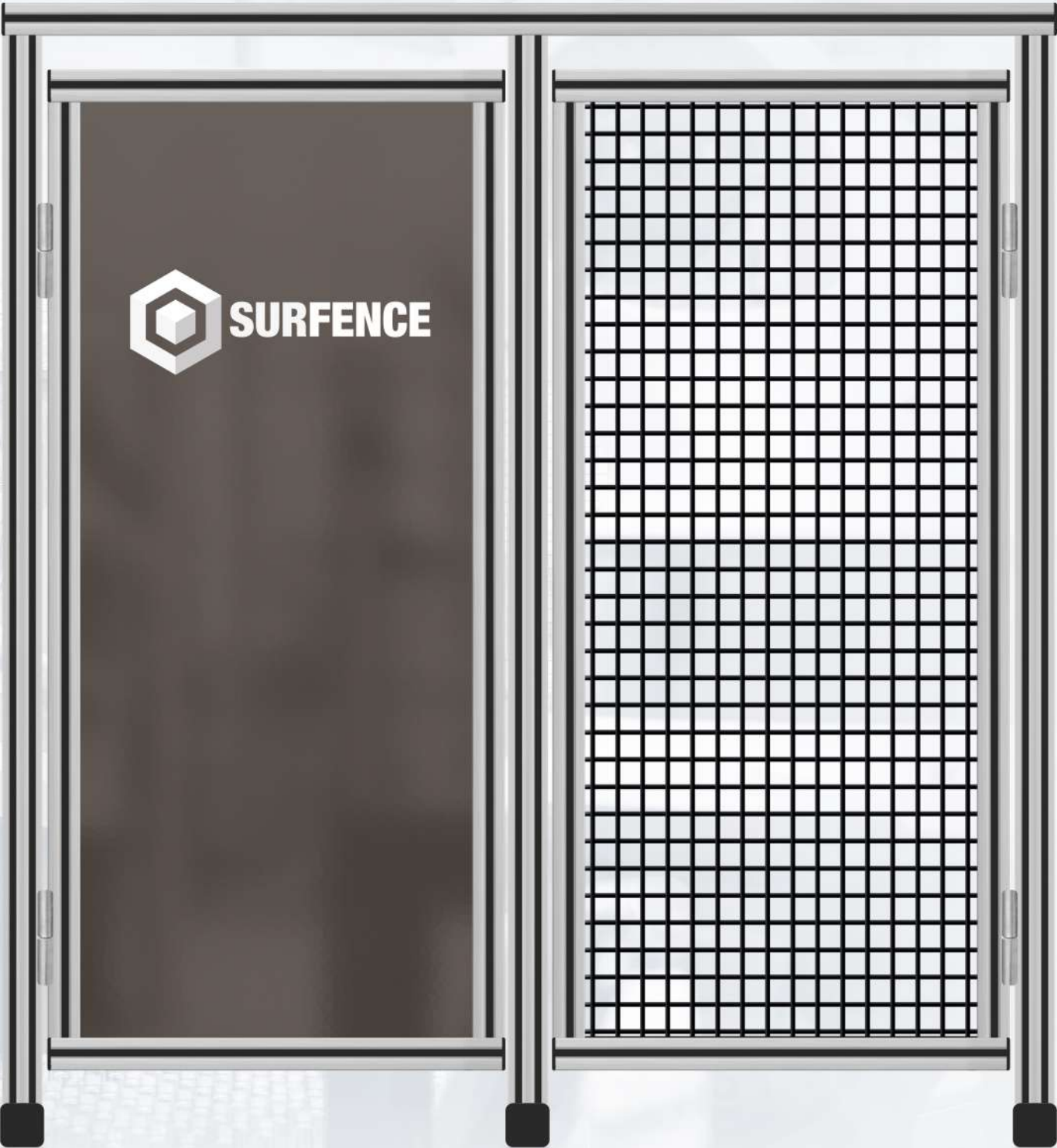
FRAMES	40X40X4 - BRACKET
POLES	60X60X2 - PROFILE
WIRES THICKNESS	Ø4.2 MM
WIRES DISTANCE	40X40
FENCE HEIGHT	1800MM
FENCE WIDTH	200/300/500/800/1000/1200/1500

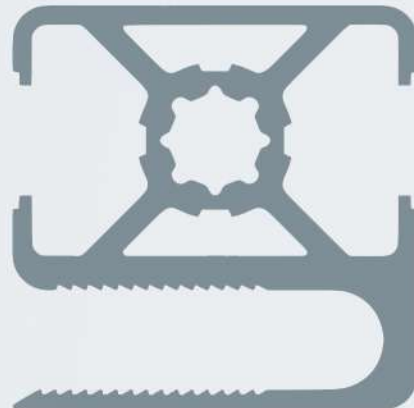
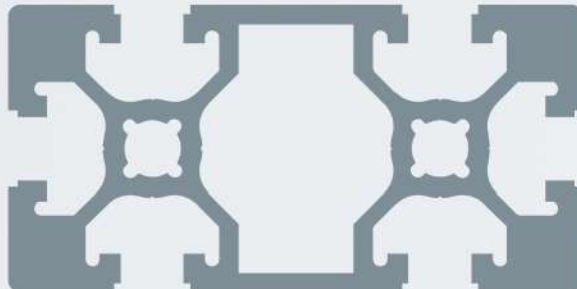


The Strong Fence series delivers superior safety for industrial machinery with its steel mesh structure compliant with CE and EN ISO 14120; foot-free, anchored modular panels ensure millimetre-perfect, snap-in installation on any production line, while the quick-lock mechanism and ergonomic doors allow uninterrupted access during maintenance and cleaning, and a durable oven-cured powder coating over galvanisation provides long-lasting resistance to scratches and corrosion, maximising your investment's efficiency.



ALUMINUM **FENCES**



PRODUCT NAME	MATERIAL	L(MM)	LX	LY	WX	WY	AREA
30x30 SF SIGMA PROFILE K8	6063	6030	Primary axes of inertia and primary moments of inertia: (grams * square millimeters) Taken from the center of mass.				
			LX = (0.00, 0.00, 1.00)      PX = 133142.45 LY = (0.46, -0.89, 0.00)      PY = 68394298.55 LZ = (0.89, 0.46, 0.00)      PZ = 68418181.38				
			Moment of inertia: (grams * square millimeters) Taken from the center of mass and aligned with the output coordinate system. (Using a positive tensor sign.)				
			LXX = 68413206.00      LYX = -9699.06      LZX = 0.00 LXY = -9699.06      LYY = 68399273.92      LZY = 0.00 LXZ = 0.00      LYZ = 0.00      LZZ = 133142.45				
			Moment of inertia: (grams * square millimeters) The output is taken from the coordinate system. (Using a positive tensor sign.)				
			LXX = 284808429.63      LYX = 11541784.53      LZX = 49038354.18 LXY = 11541784.53      LYY = 285147730.14      LZY = 48294314.22 LXZ = 49038354.18      LYZ = 48294314.22      LZZ = 23238809.84				
40x80 SIGMA PROFILE LIGHT K10	6063	6030	Primary axes of inertia and primary moments of inertia: (grams * square millimeters) Taken from the center of mass.				
			LX = (0.00, 0.00, 1.00)      PX = 1588845.57 LY = (1.00, 0.00, 0.00)      PY = 159063498.83 LZ = (0.00, 1.00, 0.00)      PZ = 160014061.14				
			Moment of inertia: (grams * square millimeters) Taken from the center of mass and aligned with the output coordinate system. (Using a positive tensor sign.)				
			LXX = 159063498.83      LYX = 0.00      LZX = 0.00 LXY = 0.00      LYY = 160014061.14      LZY = 0.00 LXZ = 0.00      LYZ = 0.00      LZZ = 1588845.57				
			Moment of inertia: (grams * square millimeters) The output is taken from the coordinate system. (Using a positive tensor sign.)				
			LXX = 637757180.58      LYX = 34065538.79      LZX = 473918466.19 LXY = 34065538.79      LYY = 1107862243.04      LZY = 34231913.99 LXZ = 473918466.19      LYZ = 34231913.99      LZZ = 475664566.04				



**SAFETY DOORS**



**SURLOCK**  
INDUSTRIAL LOCK SYSTEM

**SAMPLE MODEL CODING**

SRF- K M - # # # #  
KC  
KS  
KSS  
DOOR TYPE DOOR WIDTH

**DOOR OPTIONS**

DOOR WIDTH	DOOR HEIGHT		WIRE DISTANCE	
800 MM	2000 MM	1200 MM	20x100	40x40
1000 MM	2000 MM	1200 MM	20x100	40x40
1200 MM	2000 MM	1200 MM	20x100	40x40
1500 MM	2000 MM	1200 MM	20x100	40x40



**HIGH SAFETY**

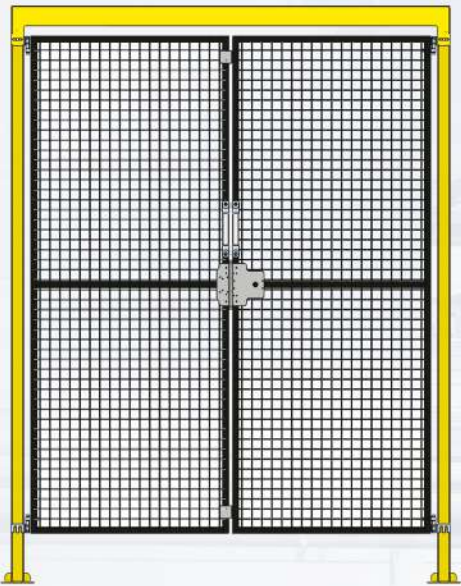


**EASY INSTALLATION**

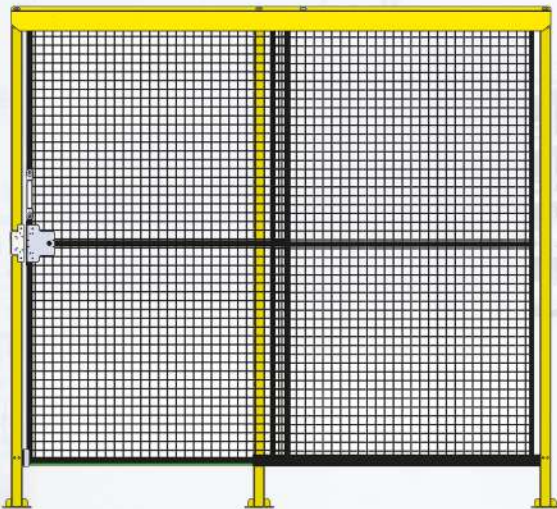


**MODULAR DESIGN**

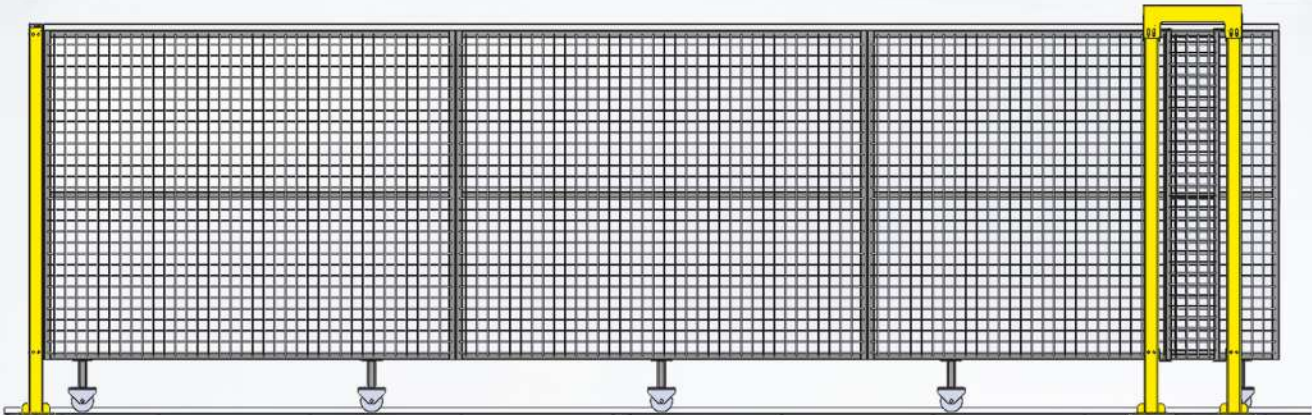
**HINGED DOORS**



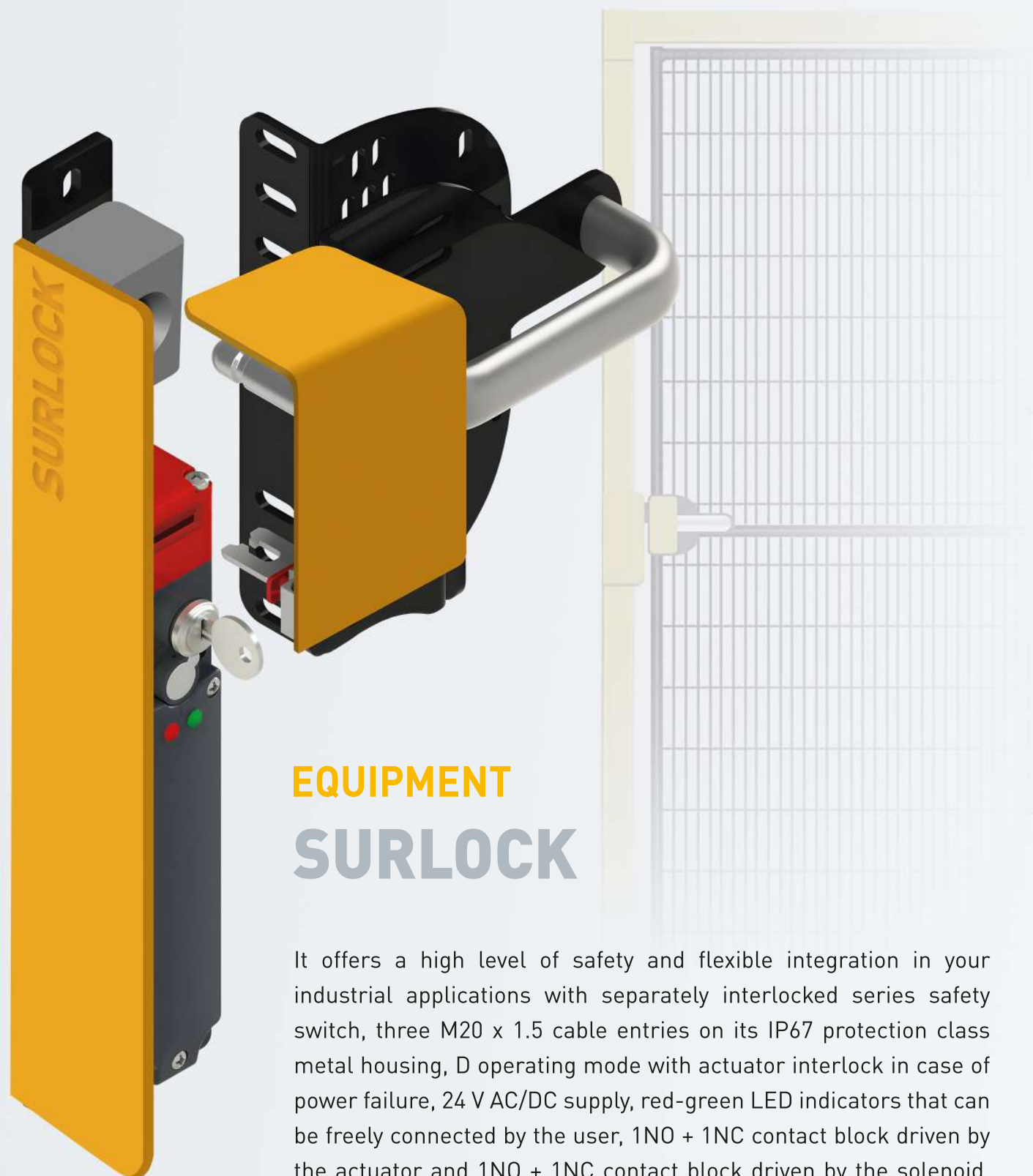
**TOP RAIL SLIDING**



**SPECIAL PRODUCTION**







## EQUIPMENT SURLOCK

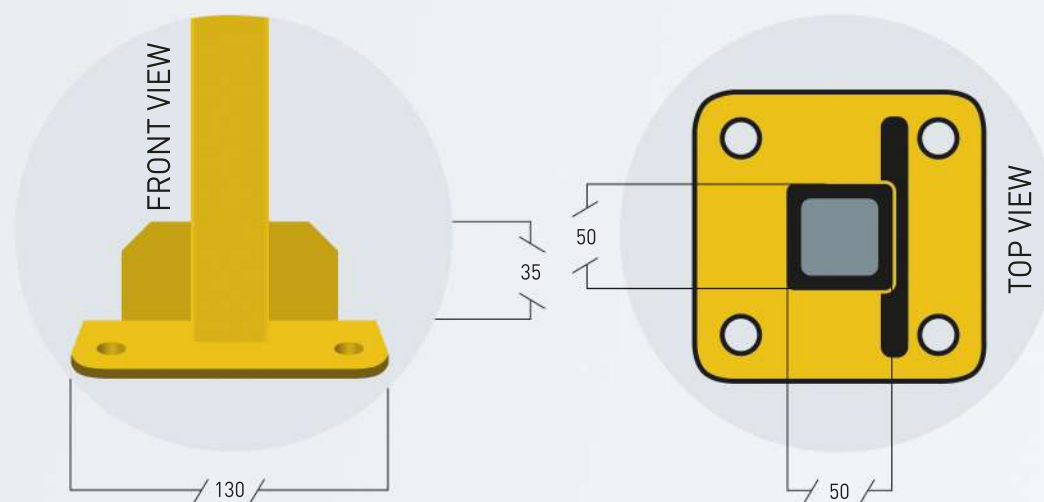
It offers a high level of safety and flexible integration in your industrial applications with separately interlocked series safety switch, three M20 x 1.5 cable entries on its IP67 protection class metal housing, D operating mode with actuator interlock in case of power failure, 24 V AC/DC supply, red-green LED indicators that can be freely connected by the user, 1NO + 1NC contact block driven by the actuator and 1NO + 1NC contact block driven by the solenoid, rotary head, positive trip safety and VF KEYF21 corner actuator.



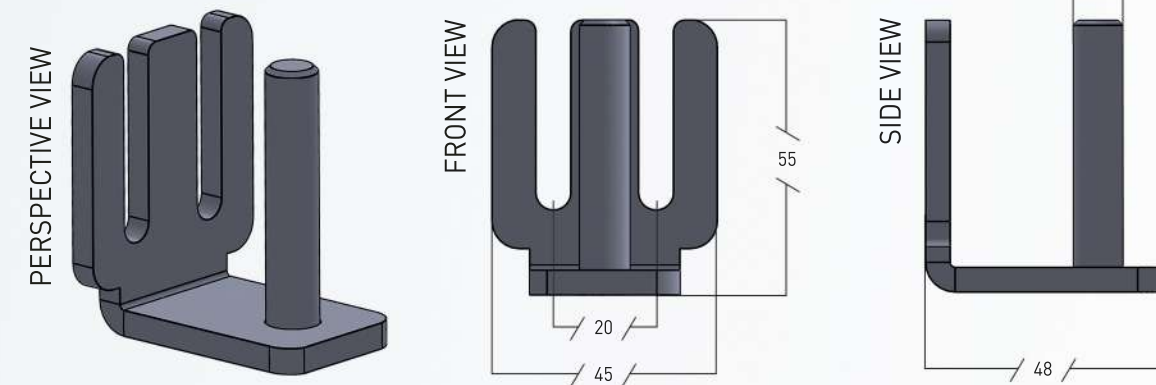


## SRF\_D\_2200 FENCE POLE

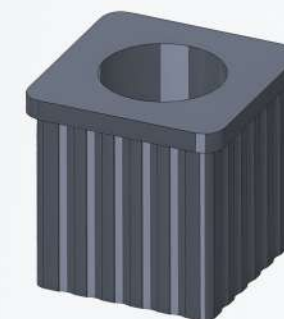
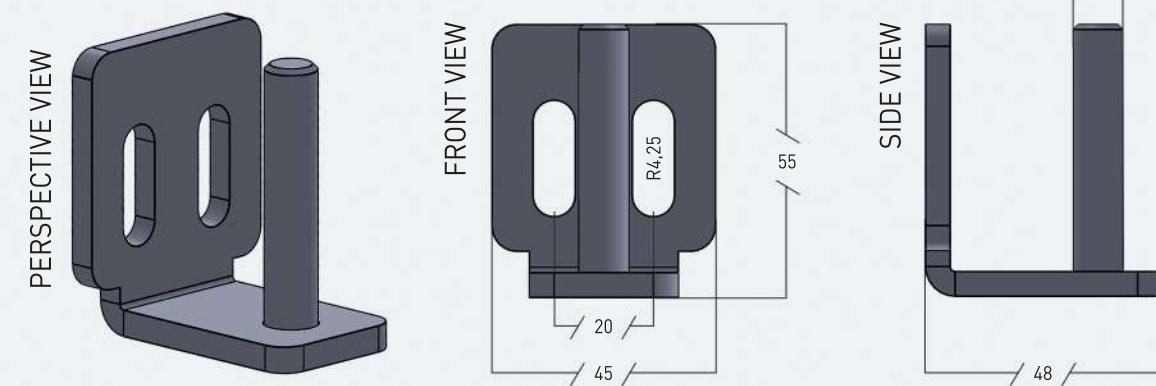
POZ	PART NO	DESCRIPTION	QTY
1	SRF-D-2200	Post - 50x50x1,5 Profile	1
2	SRF-D-2200	Welding plate - 130x130x5 mm	1
3	SRF-D-2200	Welding plate - 100x35x5 mm	1
4	SRF-D-2200	Profile plastic cover	1



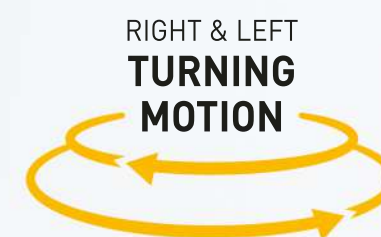
## SRF\_B\_001 UPPER CONNECTION BRACKET



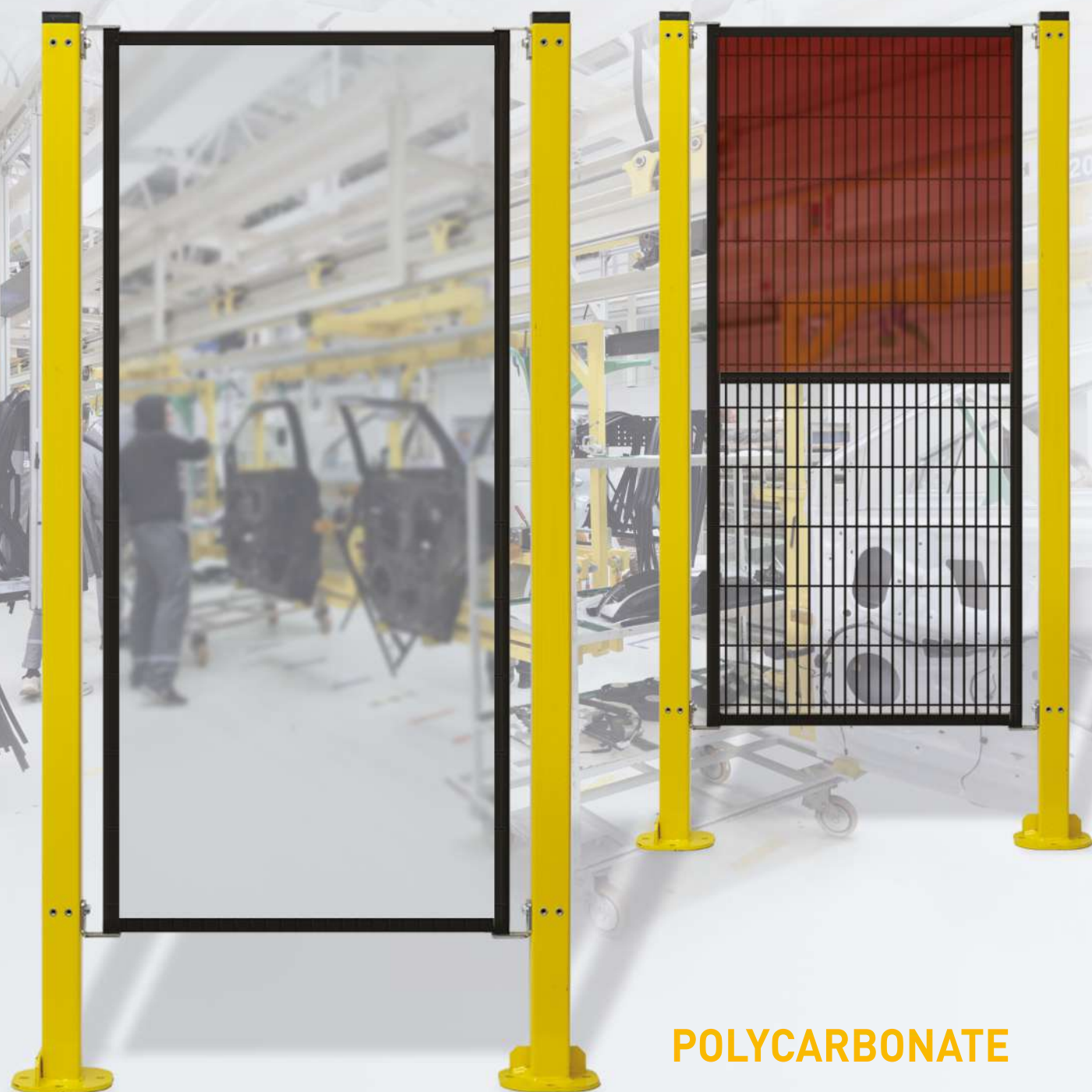
## SRF\_B\_002 BOTTOM CONNECTION BRACKET



## SRF\_KCS\_001 KESTAMITE KNUCKLE





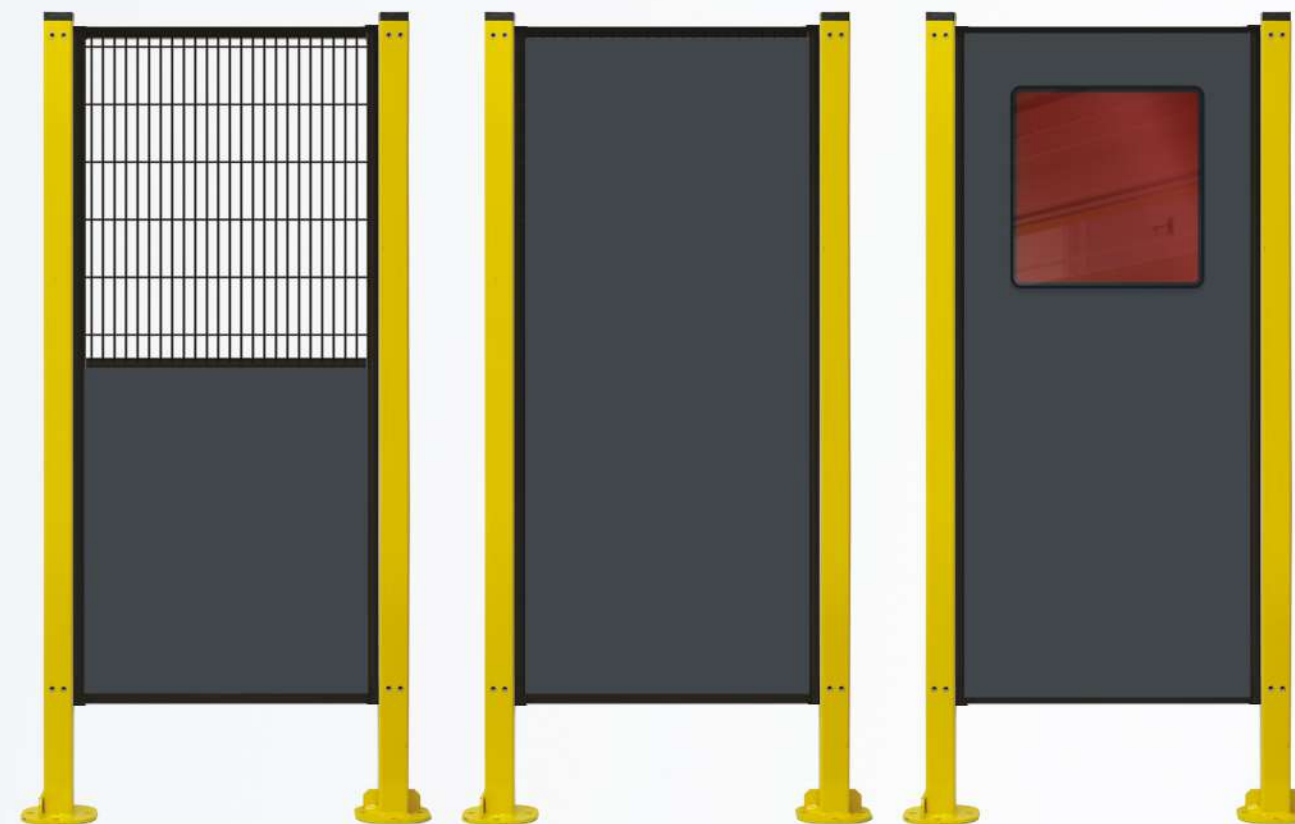


## POLYCARBONATE FENCE PANEL

The lightweight polycarbonate fence panel features an impact-resistant translucent structure that protects operators from particles while letting natural light through; its low weight enables quick single-person installation, the weather-resistant surface resists yellowing and cracking, and it integrates seamlessly with durable fence panel modules to combine safety with style.



## SHEET METAL FENCE PANELS

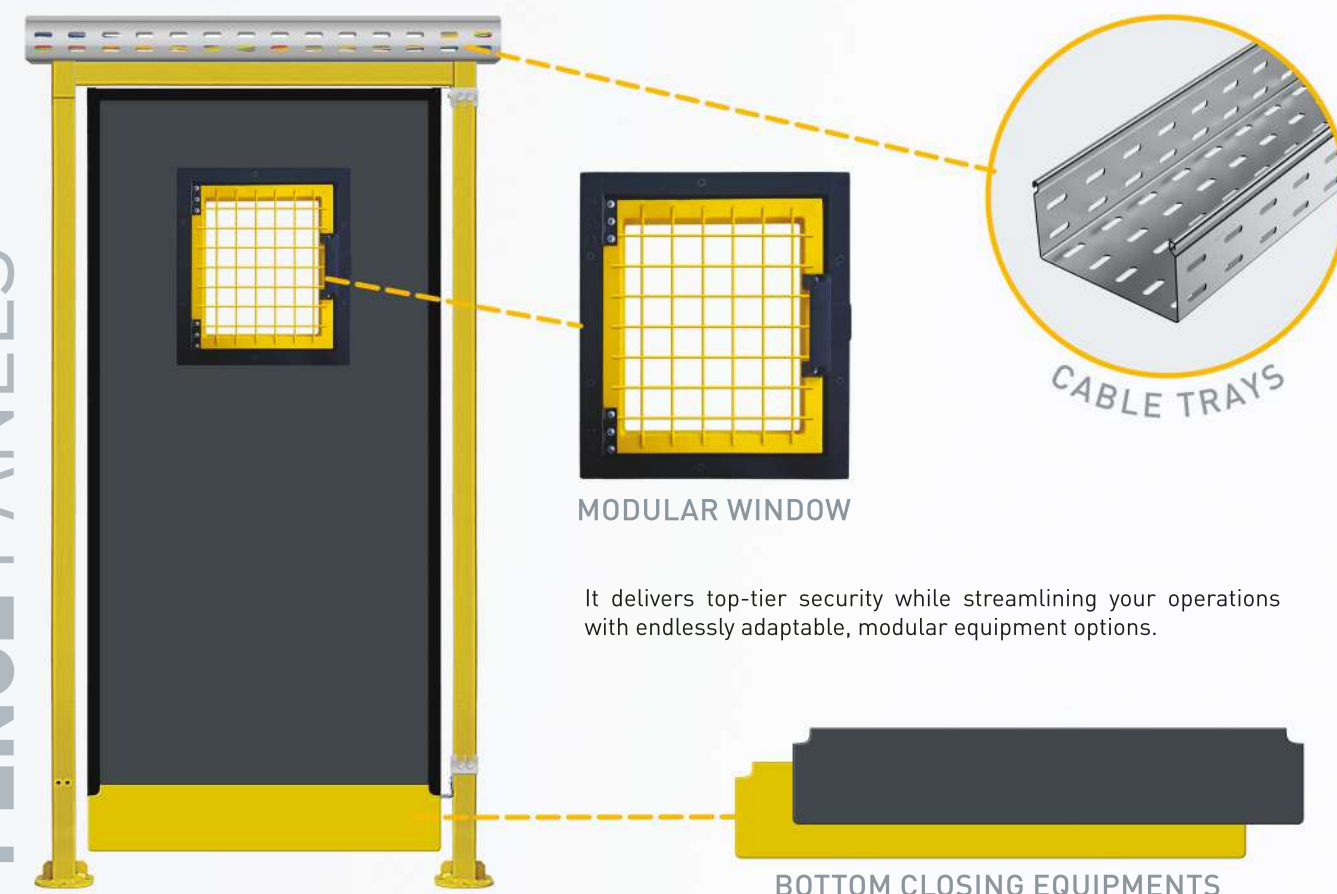


Frame profile can be composed of 20x20 box profile, 4 mm thick unbreakable sheet metal as well as Panel spacing 20x100 or 40x40 wire upon request.

Frame profile consists of 20x20 box profile, panel mesh sizes are optionally 20x100 or 40x40 wire, upper part is 2mm thick ST52 sheet material.

Frame profile is made of 20x20 box profile, sst part is 2mm thick ST52 sheet material, window sizes are produced upon request. It is frequently used in closed source cells since it is not transmissible.

## ACCESSORIES FENCE PANELS

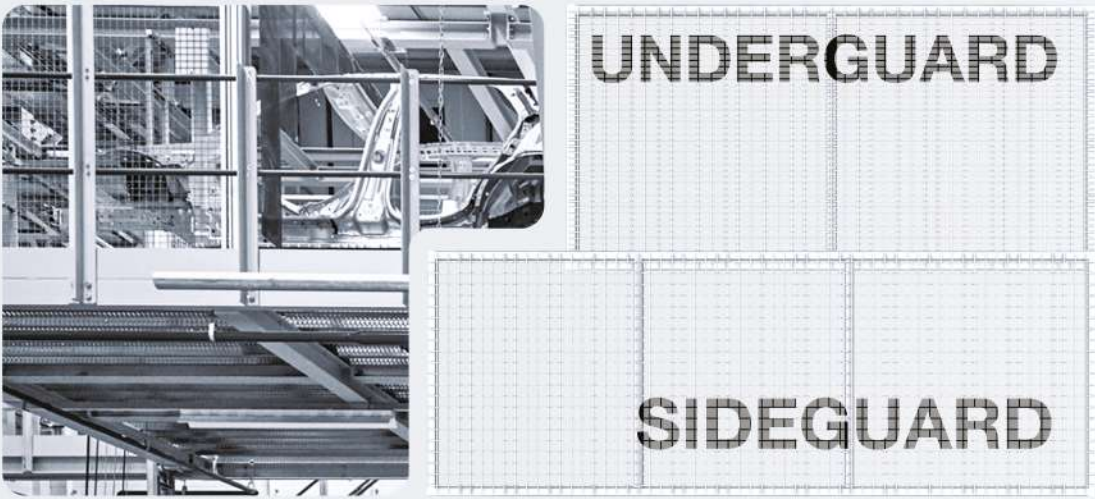


MODULAR WINDOW

It delivers top-tier security while streamlining your operations with endlessly adaptable, modular equipment options.

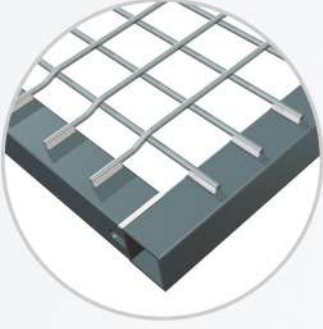
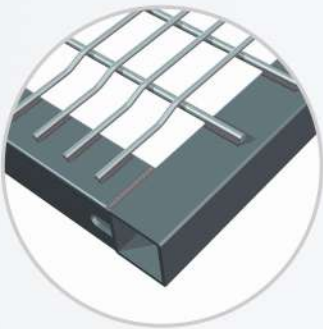
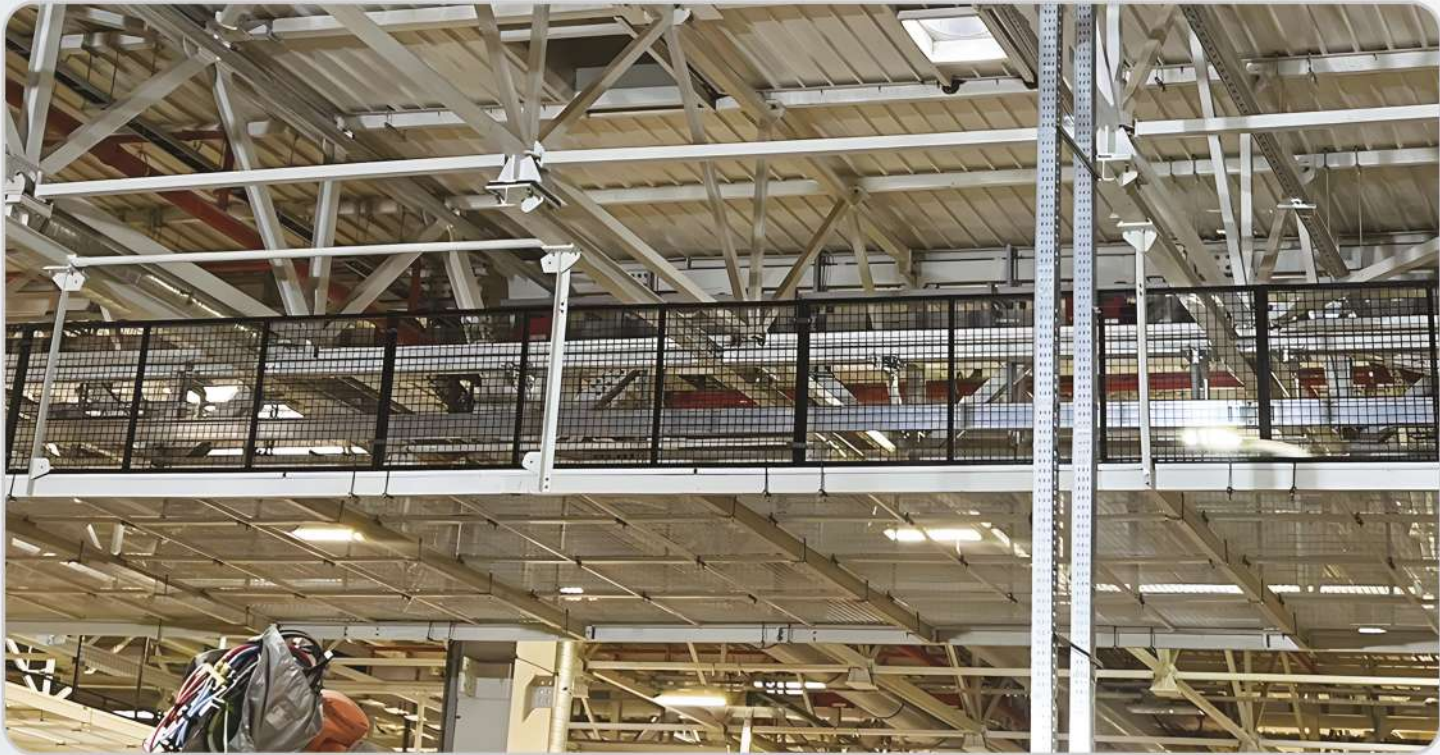
BOTTOM CLOSING EQUIPMENTS





Our Underguard mats and Sideguard mats provide reliable protection for mezzanine levels, significantly improving safety in your workplace.

With their durable and robust design, they are easy to install and offer a stable, secure foundation, ensuring safer and more comfortable working conditions at height.



DAIMLER® STANDARD SIDEGUARD & UNDERGUARD

	TUBULAR FRAME	MESH	SURFACE
1	35X35X2,5	23x50 mm, 3,8x5 mm	POWDER COATED / RAL 9002

BMW® STANDARD SIDEGUARD & UNDERGUARD

	TUBULAR FRAME	MESH	SURFACE
1	40X40X2,5	50x50 mm, 5x5 mm	POWDER COATED / RAL 9006
2	40X40X2,5	50x50 mm, 5x5 mm , with fine grid 10x10 mm	POWDER COATED / RAL 9006

AUDI-VW® STANDARD UNDERGUARD

	TUBULAR FRAME	MESH	SURFACE
1	35x35x2,5	23x50 mm, 3,8x5 mm	POWDER COATED / RAL 9002

SIDEGUARD

	TUBULAR FRAME	MESH	SURFACE
1	35x35x2,5	40x40 mm, 5x5 mm	POWDER COATED / RAL 9002

FORD® STANDARD UNDERGUARD

	TUBULAR FRAME	MESH	SURFACE
1	35x35x2,5	23x50 mm, 5x5 mm	POWDER COATED / RAL 9002
2	40x40x2,5	23x50 mm, 5x5 mm	POWDER COATED / RAL 9002
3	35x35x2,5	40x30 mm , 5x mm	POWDER COATED / RAL 9002
4	40x40x2,5	40x30 mm , 5x mm	POWDER COATED / RAL 9002

SIDEGUARD

	TUBULAR FRAME	MESH	SURFACE
1	35x35x2,5	50x50 mm, 3,8x5 mm	POWDER COATED / RAL 9017
2	40x40x2,5	50x50 mm, 3,8x5 mm	POWDER COATED / RAL 9017

SAFE AND COMFORTABLE WORKING AT HEIGHT

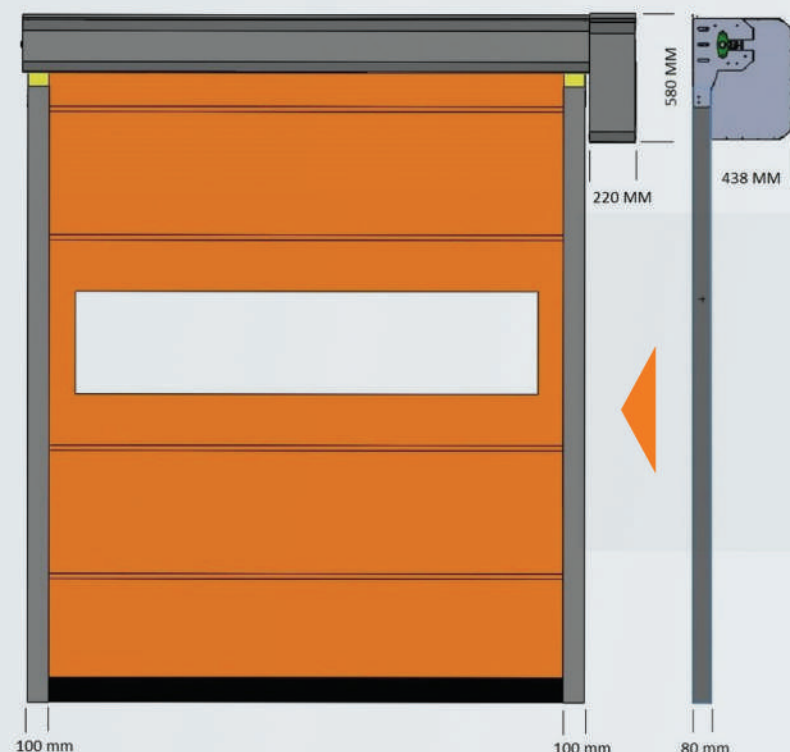






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## SURROLL-MODELL-100

Model 100 doors are an economical door solution that is primarily used indoors. Quiet and very useful. It is a door solution that prevents dust and air circulation.



### DOOR DIMENSIONS

COLLECTION EDGE MAX. 650 MM INCLUDING UPPER GROUP  
DEPTH OF THE STRUT: 80CM - MAX HEIGHT 4000MM  
STRUT WIDTH: 100MM - MAX WIDTH 3000MM



### TARPAULIN DIMENSIONS

900 GR M2



### DOOR SPEED

STANDARD 0.70 M/S  
POWERED 1.20 M/S



### WIND RESISTANCE

40 KM/H



### METAL PARTS

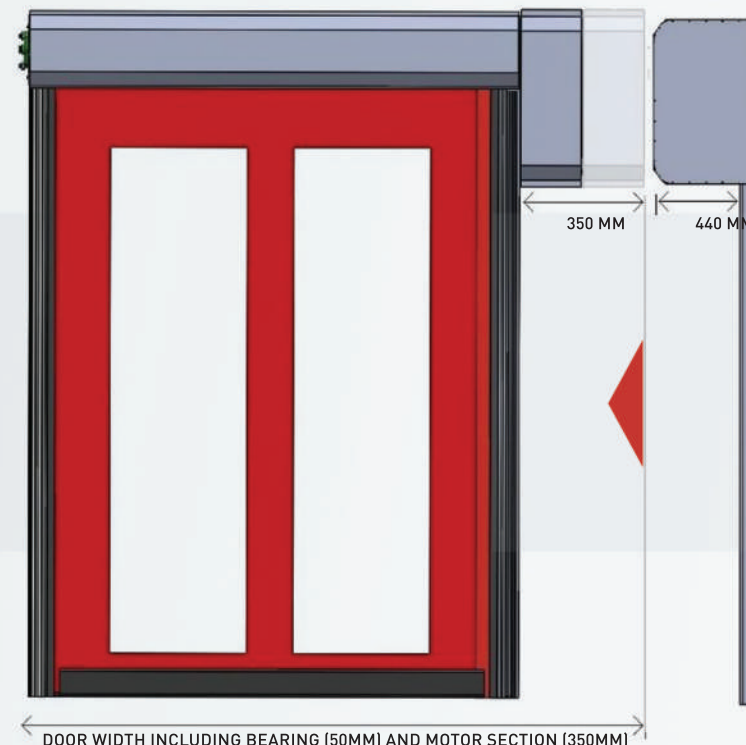
1.5 MM GALVANISED STEEL  
OVEN COLOUR OPTION



### AUTOMATION

- ELK 380 MOTOR
- PLC DISPLAY
- LIMOZ |15 50-63 GEARBOX
- REFLECTIVE SAFETY LIGHT BARRIER
- 110 VDC -200 VDC ELECTROMAGNETIC BRAKE

- COUNTER EXTRA BUTTON
- CAMERA-CONTROLLED SWITCH WITH SKID TRANSFER
- INDICATOR SIREN MOUNTED ON THE COVER
- WORKS ON 220 VOLT WITH DRIVER.
- PLASTIC P



## SURROLL-MODELL-500

Model 500 doors are particularly favoured indoors and can repair themselves after an impact. Minimises dust and air circulation due to its high tightness. Quiet and useful.



**EMERGENCY OPENING**  
MANUAL ARM BEHIND THE MOTOR



### DOOR DIMENSIONS

COLLECTION EDGE MAX. 650 MM INCLUDING UPPER GROUP  
DEPTH OF THE STRUT: 80CM - MAX HEIGHT 4000MM  
STRUT WIDTH: 100MM - MAX WIDTH 3000MM



### TARPAULIN DIMENSIONS

900 GR M2 2200 DENIER FLAME-RETARDANT TARPAULIN (ANTISTATIC)  
TYRE BASE  
2 MM PVC TRANSPARENT GLASS  
INDUSTRIAL, IMPORTED ZIP



### DOOR SPEED

STANDARD 0.70 M/S  
POWERED 1.20 M/S



### WIND RESISTANCE

50 KM/H



### METAL PARTS

ANODISED ALUMINIUM FOR THE JOINTS AND LIDS  
PLASTIC PLANT TROUGHS

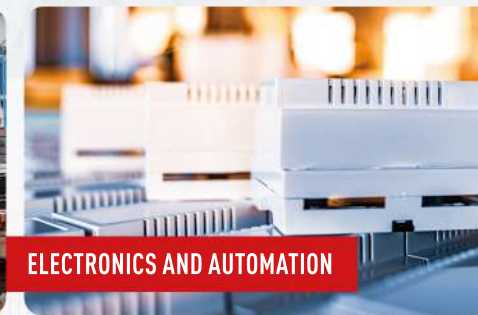


### AUTOMATION

- 380 VAC 0,75 KW ~ 2,2 KW MOTOR
- PLC DISPLAY
- LIMÖZ |15 50-63 GEARBOX
- REFLECTIVE SAFETY LIGHT BARRIER
- 110 VDC -200 VDC ELECTROMAGNETIC BRAKE

- COUNTER EXTRA BUTTON
- CAMERA-CONTROLLED SWITCH WITH SKID TRANSFER
- INDICATOR SIREN MOUNTED ON THE COVER
- WORKS ON 220 VOLT WITH DRIVER.
- PLASTIC P









✉ info@surfence.com  
🌐 www.surfence.com



#### SURFENCE GmbH

📍 Gewerbestraße 1  
79639 Grenzach-Wyhlen  
GERMANY

☎ : +49 (0) 1520 2789 318

#### SURFENCE Makina San. Tic. A.Ş.

📍 Kırmızı(530). Cd. No: 4/1 İstiklal  
Kayapa / Nilüfer / BURSA / TÜRKİYE

☎ +90 224 224 0 787

📞 +90 224 411 0 453