

Product name:

1	Product name	HI20 MG panel
2	Short brief	Introducing HI20 Machine Guarding Panel—an adept solution featuring a resilient 20x20 mm square hollow tube frame with 2 mm thickness. Coupled with a 50x200 mm intelligently welded steel wire mesh, this panel ensures heightened safety and precision in your machinery environment.
3	Product 3D view	
4	Overview	<p>Engineered for robust machinery safety, the HI20 Machine Guarding Panel stands as a stalwart guardian. Its foundation lies in a 20x20 mm square hollow tube frame, fortified with a 2mm thickness, providing a resilient enclosure. Paired with a skillfully welded 50x200 mm steel wire mesh, this panel ensures a balance of visibility and security. Crafted with meticulous precision, the wire mesh acts not only as a visual deterrent but as an imposing barrier against potential security threats. Beyond 2 meters in height, a supplementary 20x20 square hollow tube strategically thwarts any inclination to bend under external forces.</p> <p>Strategic perforations on the frame enable a seamless installation experience, accommodating diverse mounting methods, complemented by an additional 150 mm ground clearance. Hitech's dedication to customization is showcased in an extensive array of standard dimensions—widths spanning 300mm to 2000mm and height options of 1250mm and 2050mm. For added flexibility, 300mm extensions mirror mesh size and frame on one side, featuring strategically spaced holes at 100mm intervals for easy attachment to adjacent panels.</p> <p>The entire panel, extensions included, receives a durable RAL black powder coating, fusing functionality with a sleek aesthetic. Hitech welcomes inquiries for personalized finish coatings and colors, embodying our commitment to tailored solutions.</p>
5	Features	<ul style="list-style-type: none">• 30x30 frames Size• Designed for medium to large scale hazards• Post 80 x80• Smart welded• Reinforced with central support• 100% Stronger

		<ul style="list-style-type: none">• 100% Tested• 100% Strengthened• Powder Coated• Galvanized• Ease of Installation• Impact resistant• Good colour stability
6	Application	<ul style="list-style-type: none">• Manufacturing Area• Workshops• Assembly Points• Robot Working Area• Access Control System of Industries• Workflow Segmentation• Welding Stations• Material Handling Zones• Machine Cutting Area• Chemical Processing Zones• Conveyor Belt Access Points• Packaging Stations• Metal Fabrication Zones• Pharmaceutical Manufacturing• Food Processing Stations• Autonomous Robot Working Area• Quality Control Stations

		<ul style="list-style-type: none"> • Hazardous Material Processing Zones • Testing and Inspection Points • Maintenance Workspaces 																																																																																										
7	Installation	At HITECH Racks and Partitions, your satisfaction and the safety of your assets remain our foremost priorities. Partner with us to experience not only the superior craftsmanship of our panels and posts but also the professional touch of our installation services. Our installation services encompass the seamless integration of panels and posts, ensuring the structural integrity and effectiveness of your warehouse and machine guarding system. Whether you're embarking on a large-scale project or a smaller-scale initiative, our team is dedicated to ensuring that your installation is executed efficiently and securely.																																																																																										
8	Finishes	<ul style="list-style-type: none"> • Products are hot deep Galvanized to BS EN 1461 Galvanized • Powder coated to BS EN 13438 Hot Dip Galvanized • Marine coat Coating for application near salt water 																																																																																										
9	STANDARD COLORS	Black RAL 9005/ Galvanized Hitech also provide customizable color, for this contact us!																																																																																										
9	Dimensions	<table border="1"> <thead> <tr> <th>ART Number</th> <th>Component</th> <th>Mesh Size</th> <th>Height</th> <th>Frame</th> <th>Width</th> </tr> </thead> <tbody> <tr> <td>HIP252012530</td> <td>Machine Guarding panel</td> <td>50x200</td> <td>1250</td> <td>20x20x2</td> <td>300</td> </tr> <tr> <td>HIP252020530</td> <td>Machine Guarding panel</td> <td>50x200</td> <td>2050</td> <td>20x20x2</td> <td>300</td> </tr> <tr> <td>HIP252012550</td> <td>Machine Guarding panel</td> <td>50x200</td> <td>1250</td> <td>20x20x2</td> <td>500</td> </tr> <tr> <td>HIP252020550</td> <td>Machine Guarding panel</td> <td>50x200</td> <td>1250</td> <td>20x20x2</td> <td>500</td> </tr> <tr> <td>HIP252012570</td> <td>Machine Guarding panel</td> <td>50x200</td> <td>2050</td> <td>20x20x2</td> <td>700</td> </tr> <tr> <td>HIP252020570</td> <td>Machine Guarding panel</td> <td>50x200</td> <td>1250</td> <td>20x20x2</td> <td>700</td> </tr> <tr> <td>HIP2520125100</td> <td>Machine Guarding panel</td> <td>50x200</td> <td>2050</td> <td>20x20x2</td> <td>1000</td> </tr> <tr> <td>HIP2520205100</td> <td>Machine Guarding panel</td> <td>50x200</td> <td>1250</td> <td>20x20x2</td> <td>1000</td> </tr> <tr> <td>HIP2520125150</td> <td>Machine Guarding panel</td> <td>50x200</td> <td>2050</td> <td>20x20x2</td> <td>1500</td> </tr> <tr> <td>HIP2520205150</td> <td>Machine Guarding panel</td> <td>50x200</td> <td>1250</td> <td>20x20x2</td> <td>1500</td> </tr> <tr> <td>HIP2520125200</td> <td>Machine Guarding panel</td> <td>50x200</td> <td>1250</td> <td>20x20x2</td> <td>2000</td> </tr> <tr> <td>HIP2520205200</td> <td>Machine Guarding panel</td> <td>50x200</td> <td>2050</td> <td>20x20x2</td> <td>2000</td> </tr> <tr> <td>HIP2520125EXT</td> <td>Extension panel</td> <td>50x200</td> <td>1250</td> <td>20x20x2</td> <td>EXT</td> </tr> <tr> <td>HI2520205EXT</td> <td>Extension panel</td> <td>50x200</td> <td>2050</td> <td>20x20x2</td> <td>EXT</td> </tr> </tbody> </table>	ART Number	Component	Mesh Size	Height	Frame	Width	HIP252012530	Machine Guarding panel	50x200	1250	20x20x2	300	HIP252020530	Machine Guarding panel	50x200	2050	20x20x2	300	HIP252012550	Machine Guarding panel	50x200	1250	20x20x2	500	HIP252020550	Machine Guarding panel	50x200	1250	20x20x2	500	HIP252012570	Machine Guarding panel	50x200	2050	20x20x2	700	HIP252020570	Machine Guarding panel	50x200	1250	20x20x2	700	HIP2520125100	Machine Guarding panel	50x200	2050	20x20x2	1000	HIP2520205100	Machine Guarding panel	50x200	1250	20x20x2	1000	HIP2520125150	Machine Guarding panel	50x200	2050	20x20x2	1500	HIP2520205150	Machine Guarding panel	50x200	1250	20x20x2	1500	HIP2520125200	Machine Guarding panel	50x200	1250	20x20x2	2000	HIP2520205200	Machine Guarding panel	50x200	2050	20x20x2	2000	HIP2520125EXT	Extension panel	50x200	1250	20x20x2	EXT	HI2520205EXT	Extension panel	50x200	2050	20x20x2	EXT
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11	Approvals	5)																																																																																										
12	Combine With	<ul style="list-style-type: none"> • Post 80 x 80 • Fixing • Gap cover • doors • Corner post 																																																																																										