

# IC-R1DYN H: 1000/800/600/400

## Dynamic Structural Control Guard R1



**Impact Control**

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# IC-R1DYN H: 1000/800/600/400

## Dynamic Structural Control Guard R1

The Dynamic Impact Control Structural Column Guard R1 combines modular construction with energy-absorbing technology to help protect structural columns while reducing impact forces.

The system is available in four standard heights (400, 600, 800 and 1000 mm) and can be manufactured in any width, shape or configuration, including full perimeter, U-shaped, L-shaped or custom layouts to meet specific site requirements.

### ENERGY-ABSORBING PROTECTION

Designed to absorb impact energy and reduce forces transferred to the structure and the impacting vehicle.

### EASY MAINTENANCE

Modular components allow quick replacement of damaged parts with minimal downtime.

### ALL-ENVIRONMENT DURABILITY

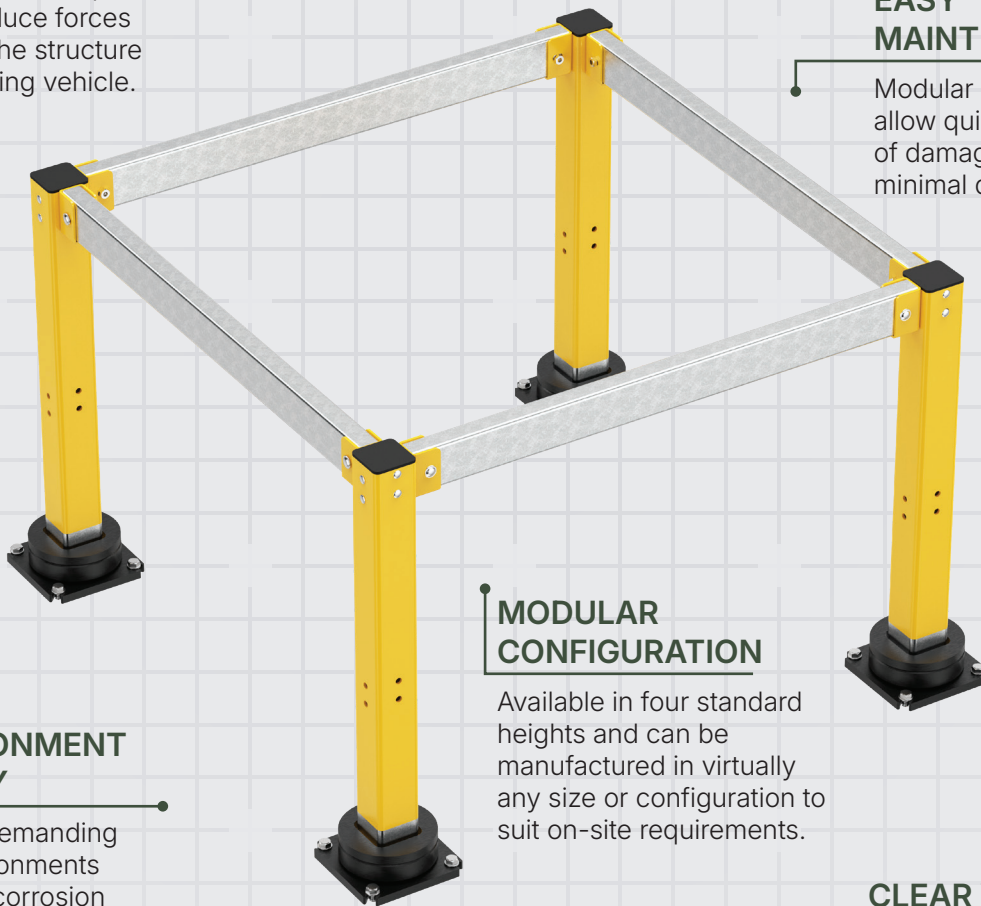
Designed for demanding industrial environments with excellent corrosion resistance and minimal maintenance.

### MODULAR CONFIGURATION

Available in four standard heights and can be manufactured in virtually any size or configuration to suit on-site requirements.

### CLEAR VISUAL & PHYSICAL GUIDANCE

Creates a clearly defined protective zone around structural columns.



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MATERIAL PROPERTIES

|                  |                   |
|------------------|-------------------|
| MATERIAL         | AISI 1020         |
| YIELD STRENGTH   | 3.51571e+08 N/m^2 |
| TENSILE STRENGTH | 4.20507e+08 N/m^2 |



COLOR & COATING



BOLLARD

RAL1018. Electro-Galvanized + powder coating. According to ISO9001:2015, certified by SGS.



BASE

RAL9005. Electro-Galvanized + powder coating. According to ISO9001:2015, certified by SGS.



RAIL

Grey. Hot dip galvanized steel. Heavy duty structural finish.



DIMENSIONS

|                  |                     |                        |              |
|------------------|---------------------|------------------------|--------------|
| Height (H):      | 1000/800/600/400 mm | Guard Rail (Standard): | 80×40×2.9 mm |
| Bollard Profile: | 80×80×5 mm          | Guard Rail (HD):       | 80×80×2.9 mm |
| Base:            | 195×195×72 mm       |                        |              |



TEMPERATURE RATING & INSTALLATION

|                                     |                                                         |                                                     |
|-------------------------------------|---------------------------------------------------------|-----------------------------------------------------|
| TEMPERATURE RATING<br>-40 to +65° C | INSTALLATIONS<br>On top of solid concrete surfaces only | ELASTOMER MATERIAL<br>NR (Natural Rubber)<br>SVR 3L |
|-------------------------------------|---------------------------------------------------------|-----------------------------------------------------|



Anchor screws: 14×135 mm concrete screws

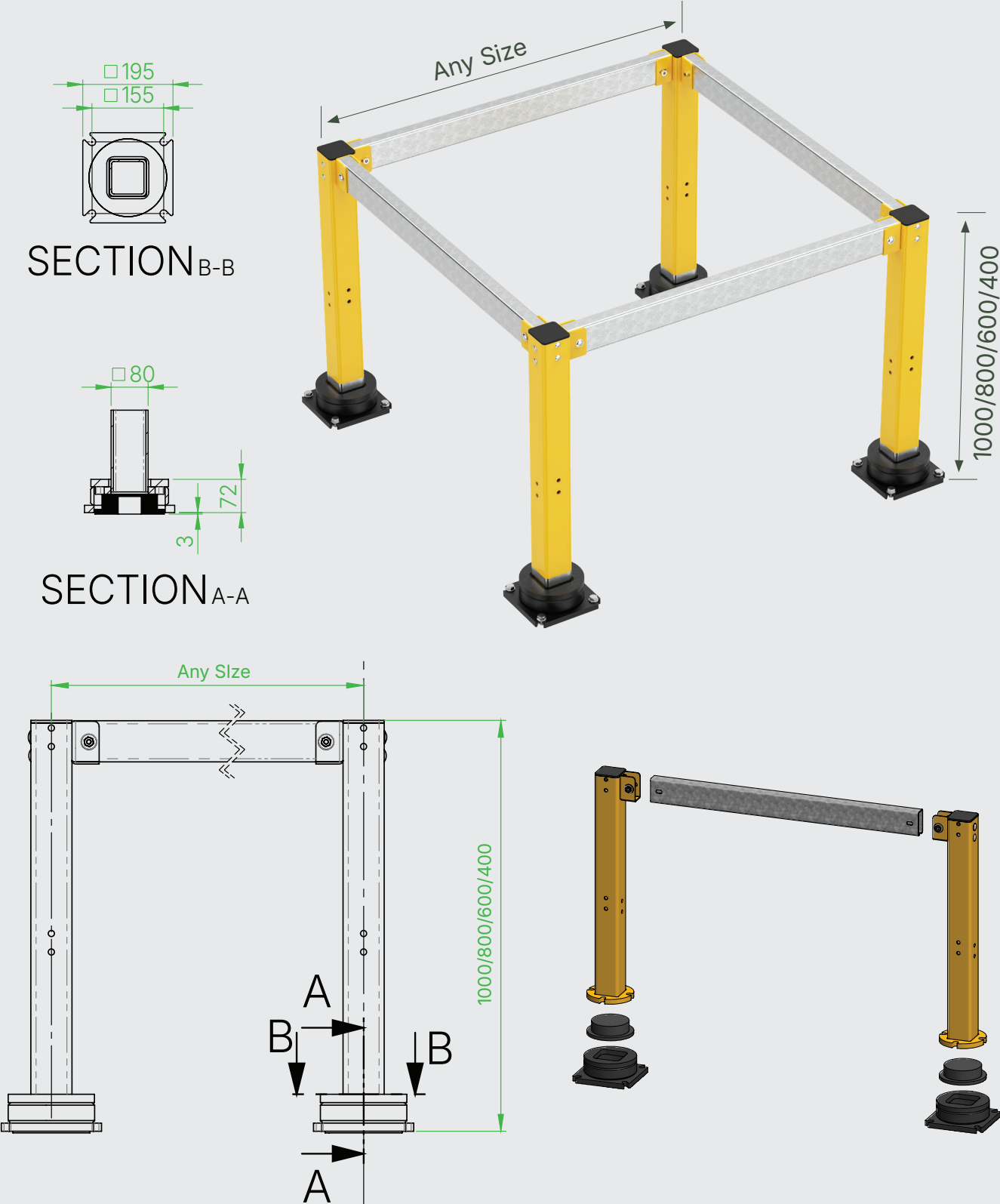


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 **PRODUCT SPECIFICATIONS**



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