

ELECTROMECHANICAL SUPPORT SYSTEMS

EAE GROUP IN NUMBERS



Since 1973

EAE Group of Companies started its journey in the electrical sector in 1973 with the establishment of EAE Elektrik. Since its founding, EAE has grown rapidly, expanding its production and areas of operation by incorporating EAE Lighting in 1983, EAE Machinery in 1996, EAE Electrotechnics in 2004, and EAE Technology in 2009.

EAE carries out its production activities in accordance with ISO 9001 Quality Management, ISO 14001 Environmental Management, ISO 14064-1 Greenhouse Gas Management System, ISO 45001 Occupational Health and Safety Management, ISO 10002 Customer Satisfaction Management, ISO 50001 Energy Management System, and ISO 27001 Information Security Management System standards.



50+
Years Experience



7
Active Factories



360.000m²
Enclosed Space



3
R&D Centers

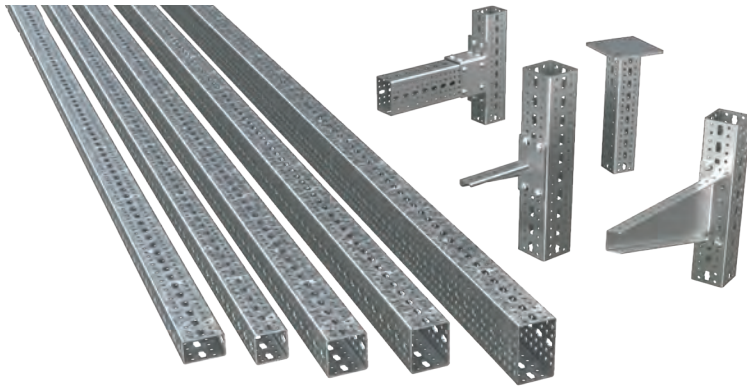


150+
Countries Exported To

Electromechanical Support Systems

E-LINE RSP

Heavy-Duty Modular Support Systems



Advantages

- Provides up to 4 times faster installation compared to traditional welded fabrication.
- Offers creative and flexible application options thanks to its modular structure and accessories.
- It does not require the use of nuts and washers with the application of smart bolts at the connection points.
- No welding or painting required, offering material and labor savings.
- Provides solutions with high carrying capacity in long suspension openings and heavy load situations.

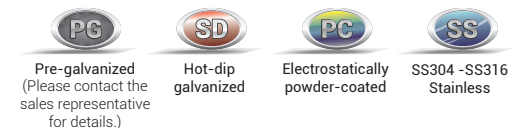


General Overview

RSP Profile Systems are modular box profiles that deliver maximum load-bearing performance for heavy loads and wide support spans.

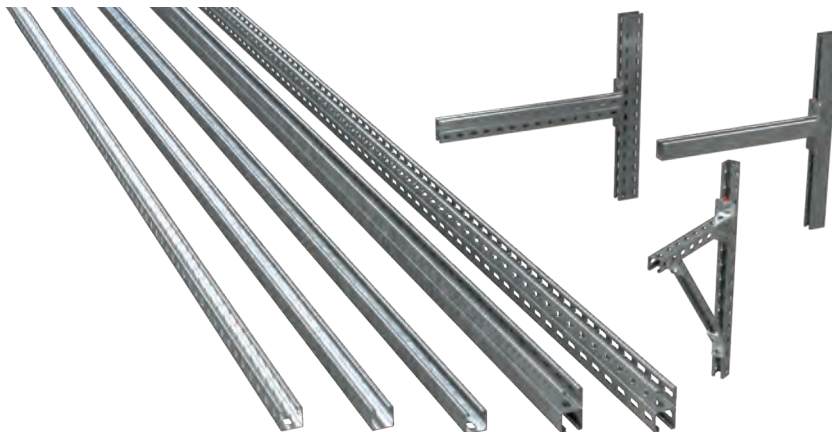
Technical Information

- Standard length: 3000mm - 6000mm
- Available sections: 50x100 - 80x80 - 100x100 - 120x100 - 150x100 mm
- Thickness: 3mm - 4mm



E-LINE BR

Modular Support Systems (G Profile)



Advantages

- Enables fast installation without the need for welding or drilling.
- Modifications in the Binrak System are easy. Its modular design allows customization to suit different projects.

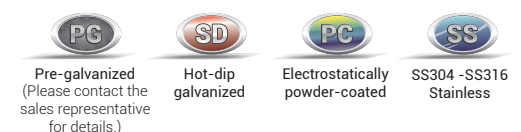


General Overview

Binrak is a modular system consisting of fitting elements, nuts, and suspension accessories. These components create an adjustable and reusable structure without the need for welding or drilling. This feature provides a significant advantage in projects that require maintenance or modifications.

Technical Information

- Standard length: 3000 mm - 6000 mm
- Available sections 41x21 - 41x41 - 41x61 - 41x82 - 41x122 mm
- Thickness: 1,5 mm - 2 mm - 2,5 mm



Design



Calculation Report



Project Integration



BIM Service

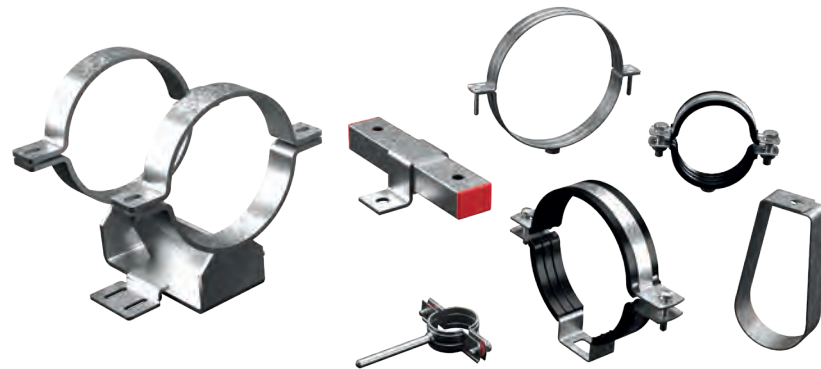


Technical Support

Electromechanical Support Systems

Pipe Hanger Clamps

Pipe Clamp Support System



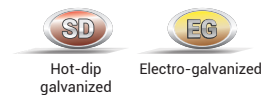
General Overview

"Pipe Clamps" are products used to secure pipes. They ensure that pipes are firmly attached to profiles, walls, or ceilings and prevent the pipe from shifting or moving due to vibrations or other movements.

Advantages

Pipe clamps, made from metal or high-quality materials, hold pipes firmly and securely and are resistant to vibrations and movement.

They are generally electro-galvanized for corrosion protection. Industrial-type sliding supports are finished with hot-dip galvanization.



U-L Profile Supports

U- and L-Type Profile Support Systems



General Overview

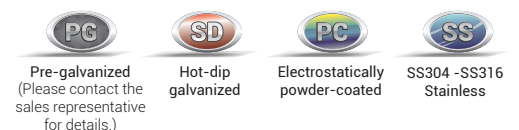
U- and L-profiles are used for suspending ventilation ducts and small-diameter pipes with rods.

Advantages

The slotted hole design allows for easy installation.

Technical Information

- Standard length: 3000 mm
- Available sections
U Profiler (38x23 - 46x31,5 - 30x30 - 40x40 - 50x50 - 42x64 - 42x65 mm)
L Profiler (30x30 - 40x40 - 50x50 - 38x38 - 47x47 mm)
- Thickness: 1,5 mm - 2 mm - 3 mm - 4 mm



Design



Calculation Report



Project Integration



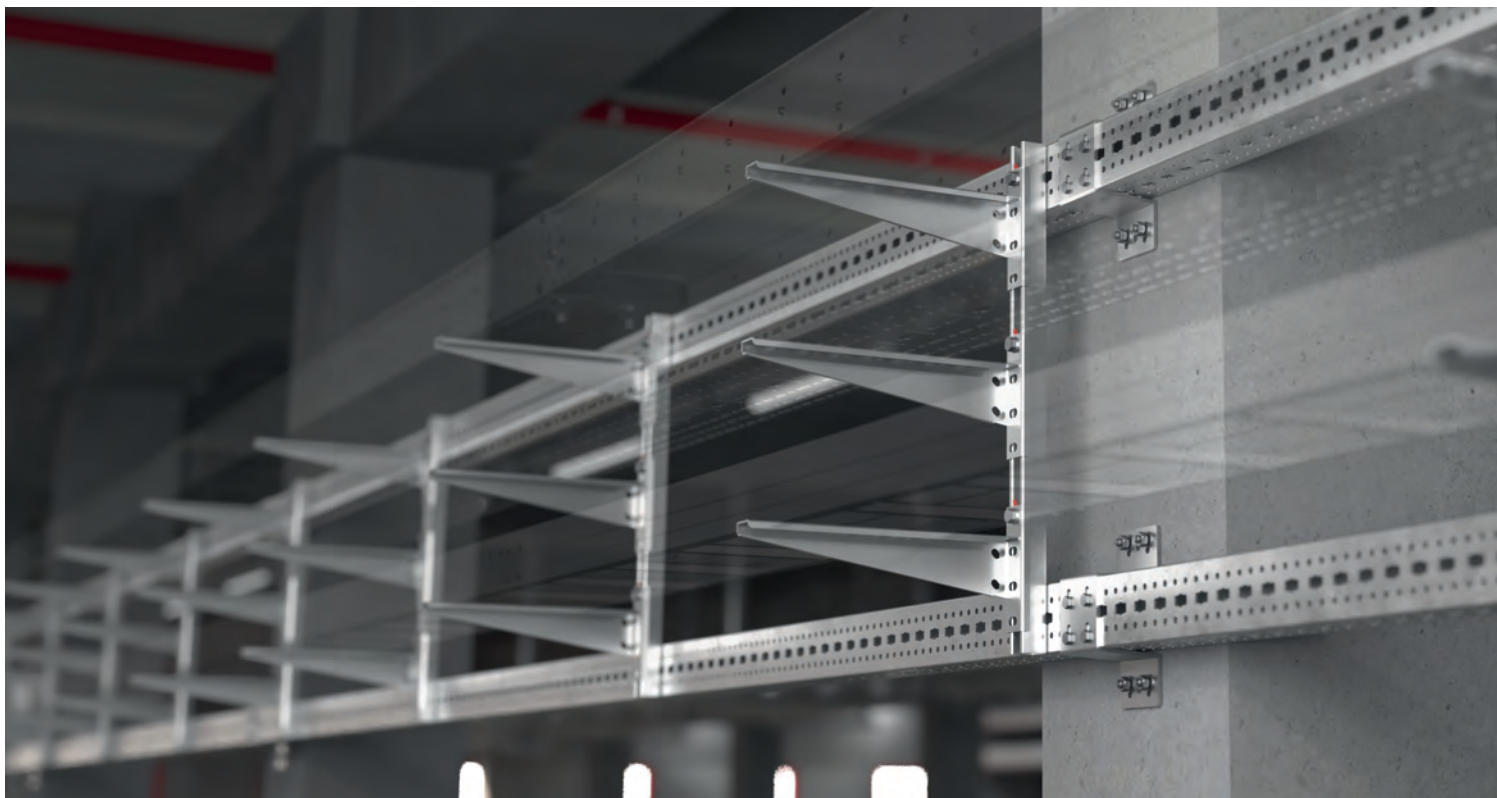
BIM Service



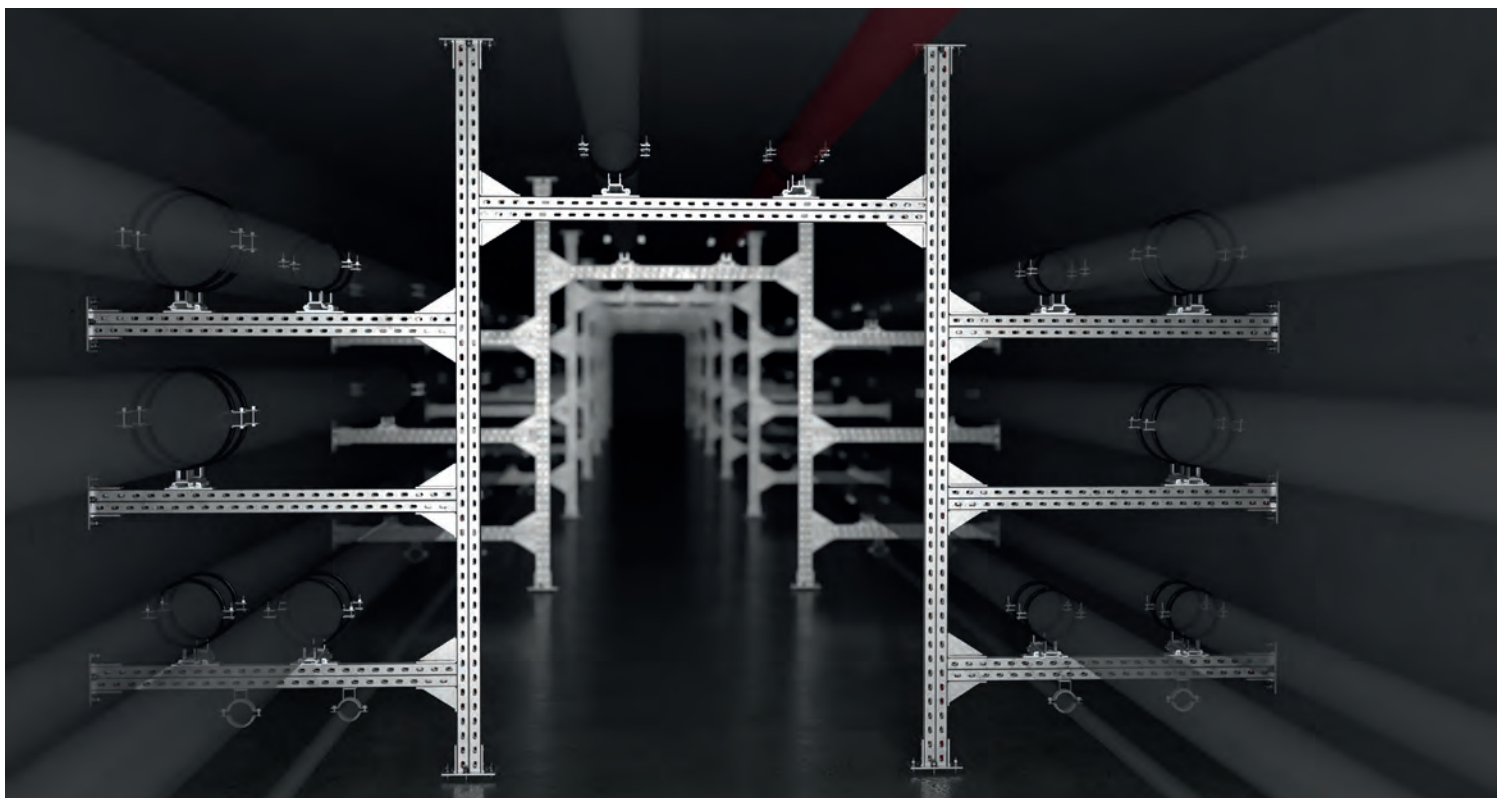
Technical Support

Electromechanical Support Systems

Application Examples



It is not suitable to support electromechanical installations over wide beam spans. By using RSP profiles capable of carrying heavy loads in a horizontal configuration, the hanger spacing can be reduced to the desired intervals, ensuring that the installations are safely supported.



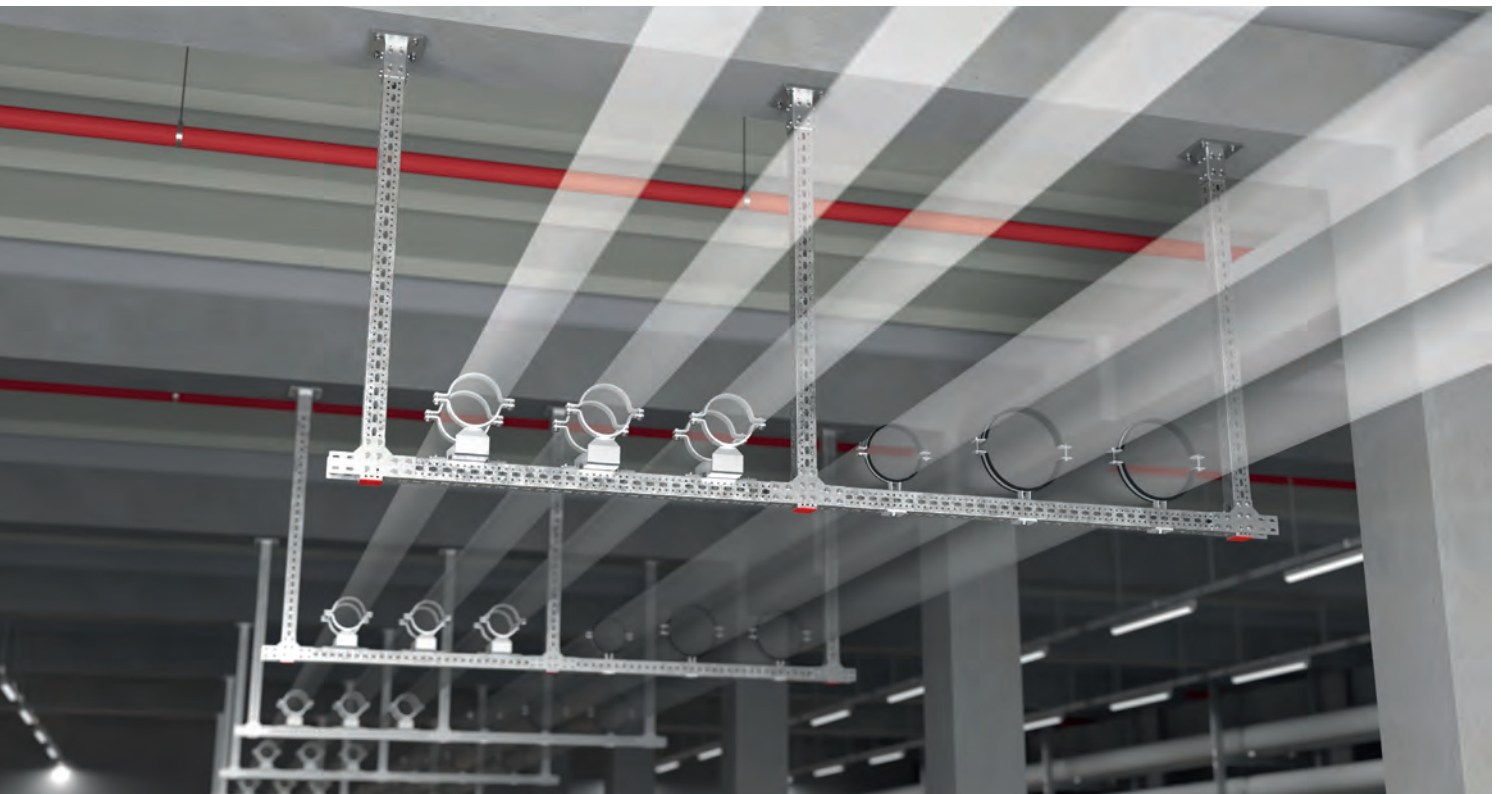
Mechanical Installation Gallery Application.

Electromechanical Support Systems

Application Examples



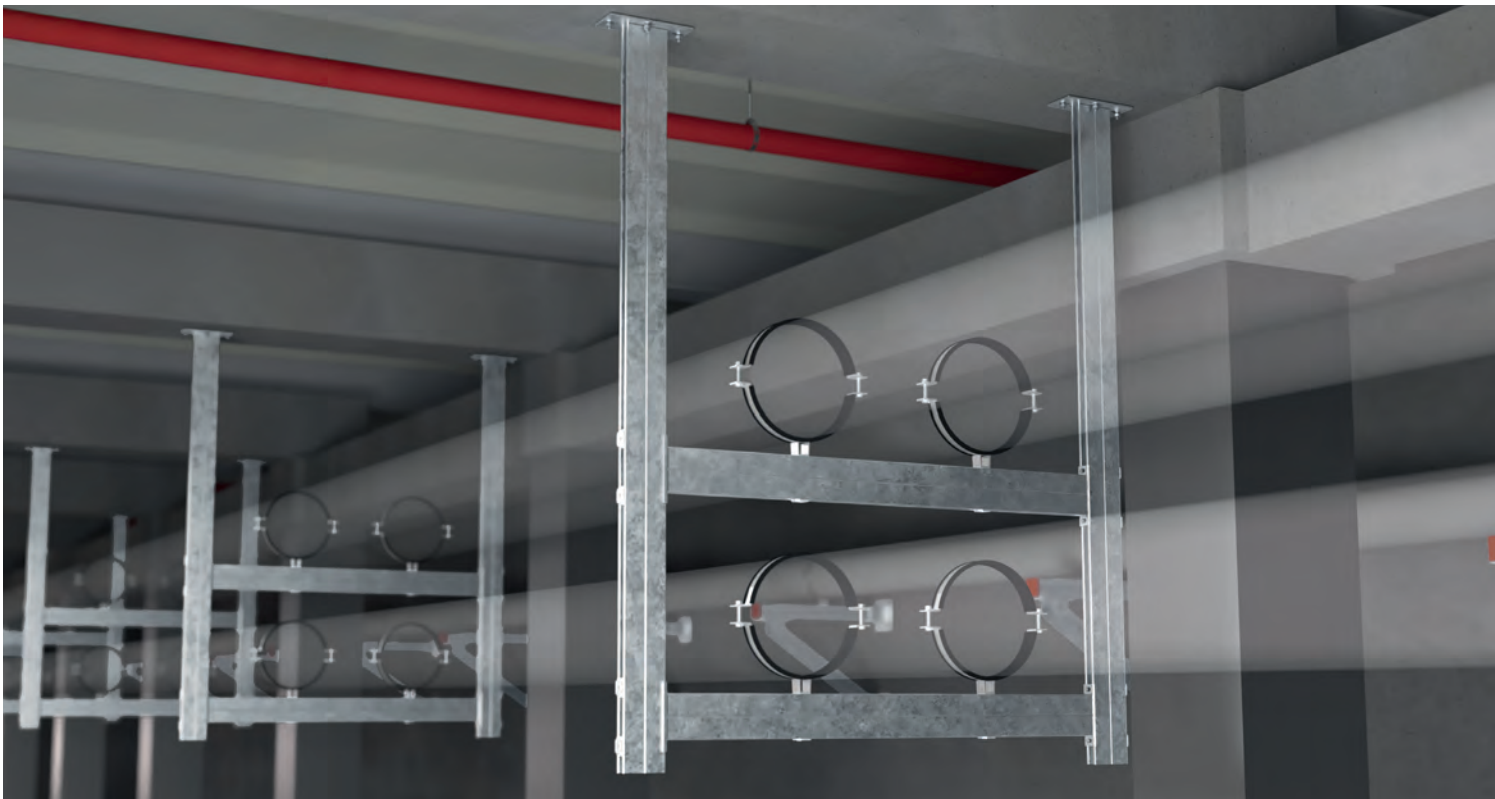
Base set – to provide mounting to the floor and organize cable entry/exit.



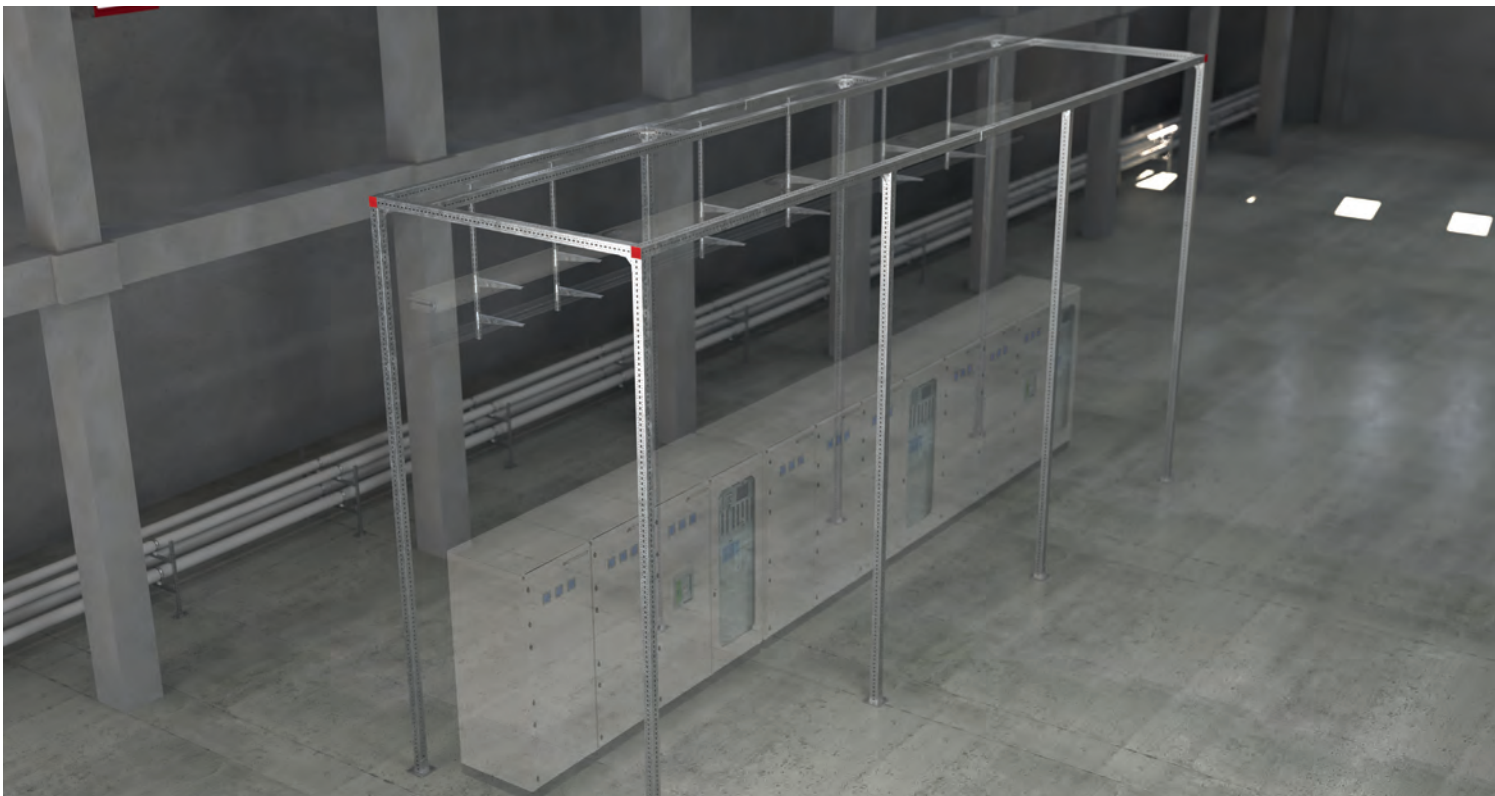
RSP ceiling-mounted application.

Electromechanical Support Systems

Application Examples



Binrak ceiling-mounted application.



In certain cases within buildings, when it is not possible to use fixed areas such as ceilings or walls for installation, you can quickly create a secondary structure using modular profiles, allowing your electromechanical installations to be routed easily.

Electromechanical Support Systems

Application Examples



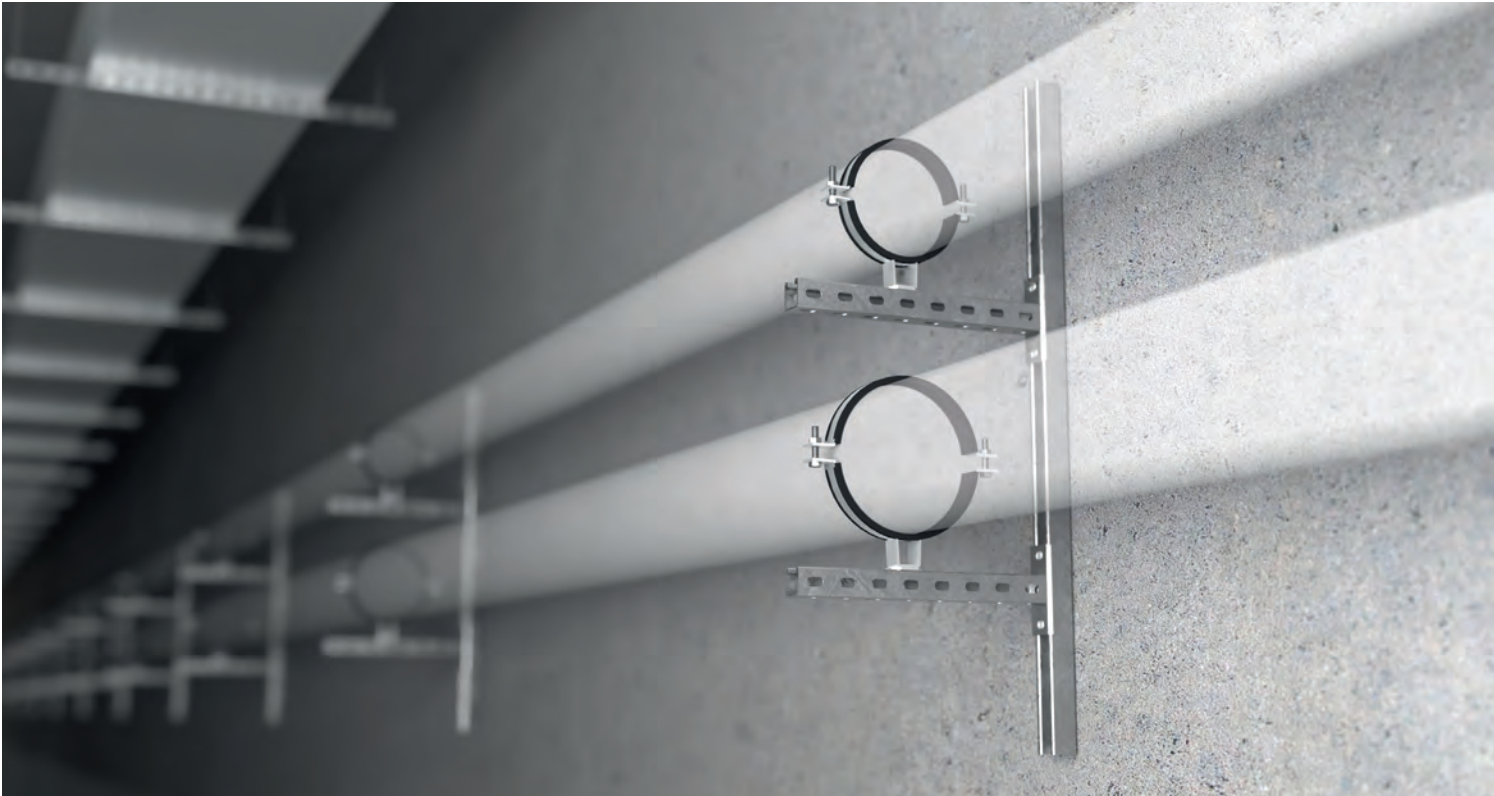
Ceiling-mounted application for wide beam spans.



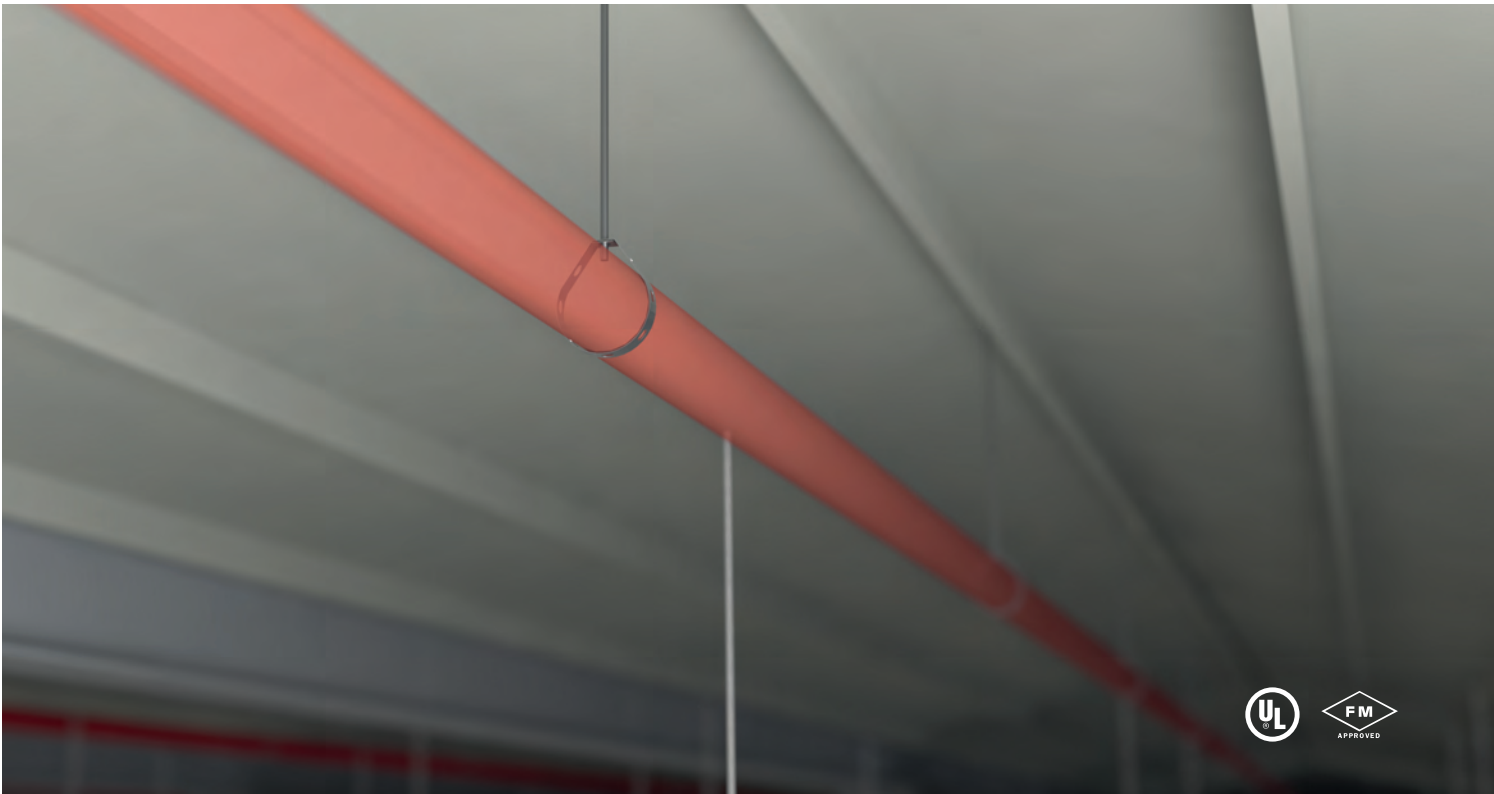
Wall bracket application with strut support.

Electromechanical Support Systems

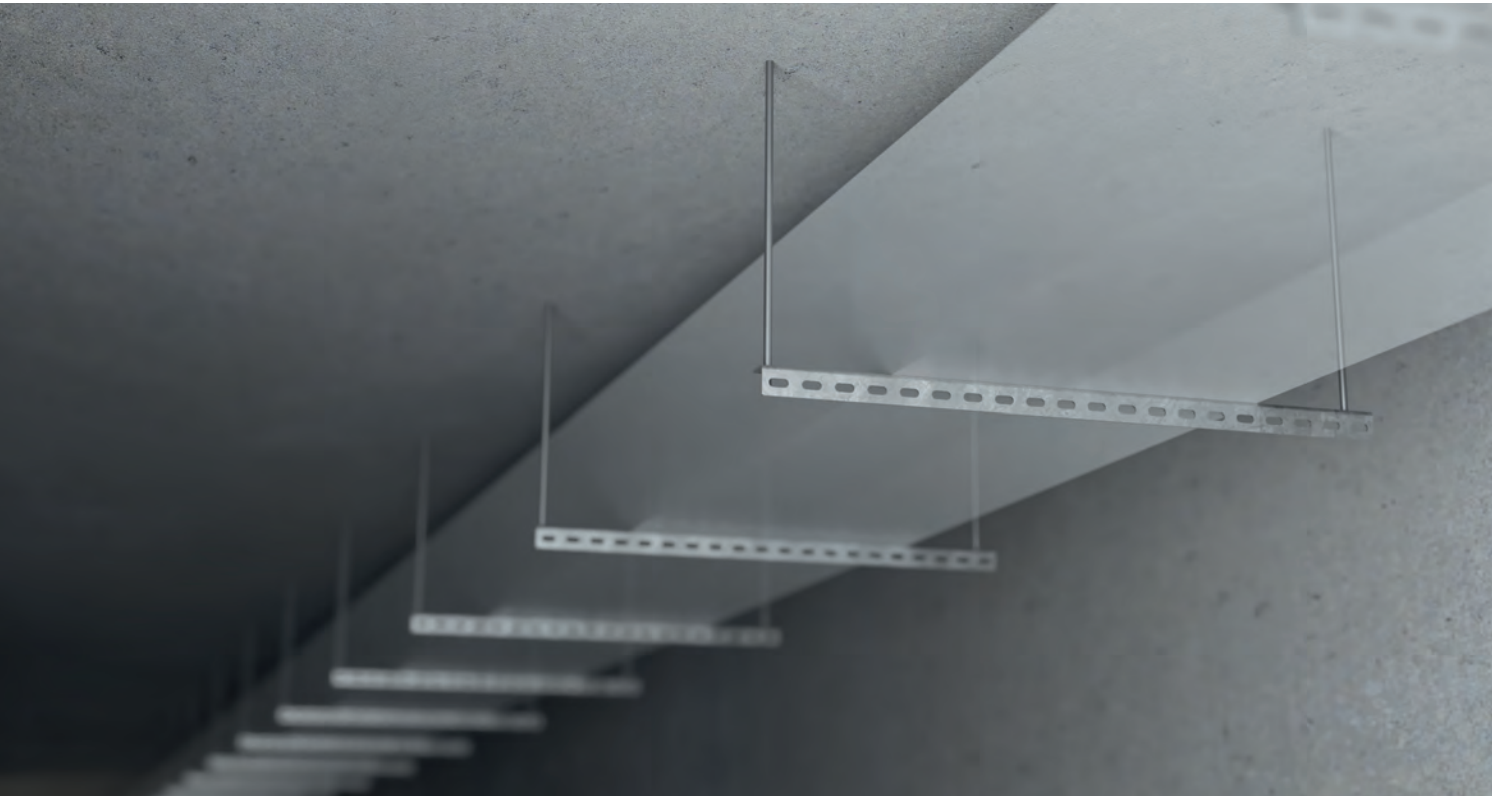
Application Examples



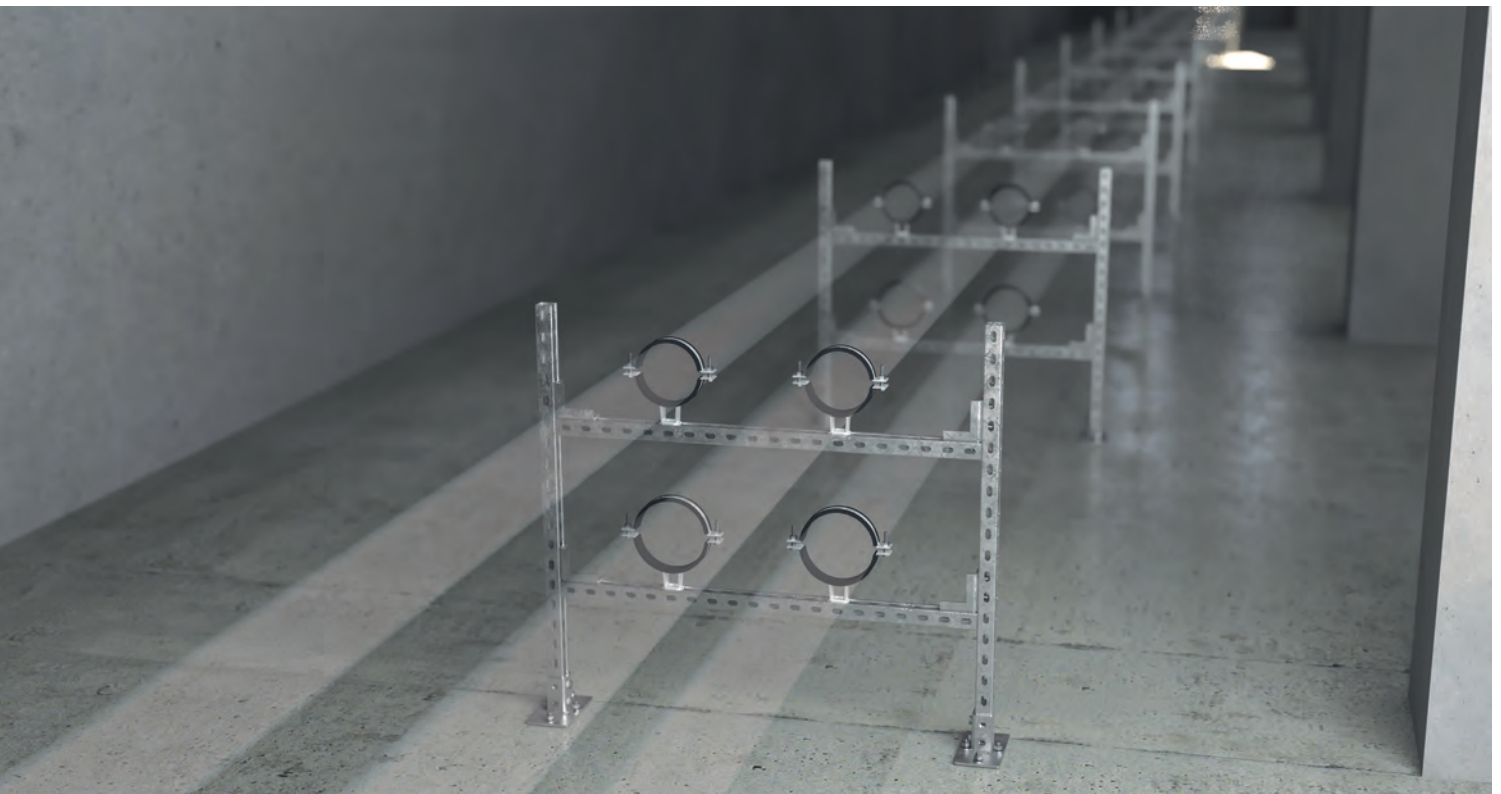
Binrak wall-mounted application.



Rod-supported fire protection system application.



Ventilation duct application with rod and L-profile support.



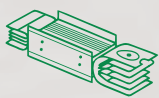
Pipe bridge application (floor-mounted).

SUSTAINABLE FUTURE

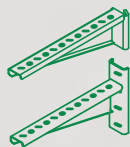
Sustainability Management at EAE Elektrik



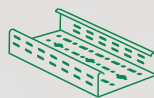
As part of our goal to support sustainable development and green transformation, measuring, evaluating, and managing all economic, environmental, and social impacts resulting from our sustainability practices is a key governance priority for EAE Elektrik. We act with great care in analyzing, monitoring, and managing the economic, environmental, and social impacts and risks that arise throughout our value chain in both our national and global operations.



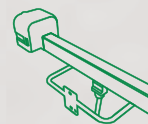
Busbar Systems



Support Systems



Cable Tray Systems



Trolley Busbar Systems



Fit-Out Solutions

"We are working together with all our stakeholders to develop the electrical technologies that will build the future."

You can visit our sustainability website at sustainability.eaeelectric.com



#FutureTogether

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Cable Tray

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