Specifications of Dutch Wire and Cable Trays

Article Overview

Dutch wire and cable trays, such as Stago, B1, and SILTEC systems, offer robust, corrosion-resistant designs with multiple sizes, materials, and installation options for commercial, industrial, and data center applications.

Stago Cable Trays

Stago trays are manufactured in the Netherlands and are designed for high strength, flexibility, and installation efficiency. They feature double return flanges and reinforced tray constructions for excellent load capacity and cable safety. Material thicknesses reach up to 1 mm, and the trays are available in perforated, reinforced, and closed designs. Standard finishes include industrial black and modern white, with custom RAL colors available. Systems are certified for fire resistance E30, E60, and E90 according to DIN4102-12. Stago trays support equipotential bonding via the Unilock coupling and include flexible dividers for proper cable separation through corners and vertical bends. They are suitable for commercial buildings, industry, and data centers and come with BIM models and Environmental Product Declarations for specification support (Wibe Group) .

B1 Tray Systems

The B1 tray system is a light-duty perforated flat-bottom cable tray made from stainless steel AISI 304 or AISI 316 with a 2B finish. Attachment materials are A4 quality stainless steel. Trays are supplied in 3000 mm lengths and types H28/28R, H53/53R, H78R, and H103R. They feature continuous slotted perforations along the length for EMC compliance and are fully lockable with covers using springs, clamps, or fasteners. Standard fittings have a 60 mm radius, and the system can be completed with ceiling and wall attachments. Load capacity is approximately 100 N per 100 mm of tray width, with additional support points recommended where fittings are applied. Custom materials and dimensions can be produced on request (Gouda Holland) .

SILTEC Stainless Steel Cable Trays

SILTEC trays are made from high-quality AISI 304 stainless steel, offering excellent corrosion resistance and durability. Standard lengths are 3000 mm, with widths from 25 mm to 600 mm and heights from 25 mm to 125 mm. The rounded design protects cables and hoses, and the patented locking system allows easy access for cleaning and secure fastening. These trays are flexible, easy to install, and can be expanded to accommodate future cable routing needs (CC Nederland B.V.) .

General Features Across Dutch Cable Trays

o Materials: Stainless steel (AISI 304/316), coated steel, or reinforced metal.

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o Designs: Perforated, closed, reinforced, ladder, or basket types.
o Dimensions: Heights, widths, and lengths vary by system; custom sizes are often available.
o Load Capacity: Optimized per system; additional supports recommended at fittings.
o Installation: Quick mounting systems, flexible dividers, and compatibility with wall/ceiling supports.
o Compliance: Fire resistance certifications, EMC standards, and environmental declarations.
o Applications: Commercial buildings, industrial facilities, data centers, and light to heavy power cable installations. These specifications make Dutch cable trays a reliable choice for safe, efficient, and future-proof cable management in diverse electrical installations.

Tray cables are used in control and power applications in chemical plants, steel mills, industrial plants, utility substations and

We offer a wide range of cable tray systems to support tubing, electrical cables and instrumentation. Our

Explore the types of cable trays, their advantages, applications, and standard sizes. Learn how they improve cable

Cable Tray Cable trays are mechanical support systems that provide a rigid structural system for electrical cables, raceways, and

In the electrical wiring of buildings, a cable tray system is used to support insulated electrical cables used for power distribution,

In designing supports for a cable tray system, consideration should be given to the loads associated with future cable additions and

The world"s first hygienic series of cable support systems for both field and machine cabling and utility solutions in accordance with

Cable trays are components of support systems for power and communications cables and wires. A cable tray system supports and

We provide flexible installation options, including single and multi-conductor tray cables that can be installed in free air, raceways, or

Not all cable trays are equivalent. The mechanical and electrical characteristics, tests, certifications, overall quality management,

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Many electrical systems employ cable trays. They route cables safely & efficiently. NEC defines minimum cable tray

B. Cable tray systems are defined to include, but are not limited to straight sections of [ladder type] [trough type] [solid bottom type]

Continuous, rigid, welded steel or stainless steel wire mesh cable management system. Cable tray systems are defined to include,

The rounded design protects cables and hoses, while our patented locking cable trays combine easy

Stago cable trays combine strength, flexibility and installation efficiency in one complete system.

SFSP wire Basket Trays have a fast connection profile for installations requiring long runs of straight Cable Trays lengths.

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