

Enclosure solutions for you.

MultiFlex® | MultiK®



Eldon MultiFlex[®] mild steel floor standing enclosures

The MultiFlex range of floor standing enclosures comprises: the MultiFlex C for Combination as a combinable enclosure with open sides.

Technical Information

The frame is manufactured using 1.75mm mild precision sheet steel, continuously laser welded from top to bottom and on the joints. The edges determine the degree of protection, as they do not have sharp edges in contact with the seals.

The manufacturing concept gives the frame a high rigidity and makes the enclosure particularly strong with a great resistance to warping and deformation.

The required rigidity is assured by a 60 degree angle in the profile which is folded eight times, of which two are double bends. This assures strength in all directions.

The frame is perforated with a network of round (diam 4.3mm) and square (10 x 14mm) holes, alternated on a pitch of 25mm allowing fast time saving installation of accessories. These hole patterns are situated both on the inside and outside to generate high flexibility. Accessories fit bottom, top and sides.

The frame has an external hole pattern for easy installation of hinges and rod catches for standard and partial doors without the need for drilling. The external hole pattern is also used for coupling enclosures so all installation work can be done from the front to save time.

The open profile gives the possibility to mount cables and accessories inside it without interfering with the aperture.

The door is manufactured using 2mm mild sheet steel. Inside the door there is a mounted frame

with holes on a 25mm pitch. This frame gives the door extra rigidity and is removable to allow ease of assembly for many types of applications.

Four concealed hinges allow the door to be opened to 130° and four self-positioning locking points assure an even pressure on the seal. Centre points for drilling are provided in the door for easy and quick installation of 180° hinges (accessory).

The hinges have captive hinge pins which allows the pin to remain in place after removal of the door. Door installation is an easy one man job due to the integrated "hold" design which keeps the door in place even with the hinge pins removed.

A special continuous polyurethane seal assures the IP 55 / IP 56 NEMA 4,12 and 13 degree of protection.

The standard fitted lock is a double-bit 3mm insert which closes the door, moves a four point espagnolette bar on the single and double door versions. The opening on single door versions is reversible without any mechanical reworking.

The rear panel is manufactured using 1.35mm mild sheet steel and can be replaced by a plain or transparent door. Easy one man fitting is part of the integrated system.

The removable side panel for the enclosure is manufactured using 1.35mm mild sheet steel. Easy one man fitting is part of the integrated system.

The bottom of the enclosure is designed with a large opening and covered with three removable and interchangeable cable entry plates, made of 1.0mm Sendzimir zinc plated sheet steel.

All parts are pre-treated with five step iron phosphate and demineralised. After pre-treatment all parts of the enclosures are protected with powder paint RAL7035 Epoxy Polyester powder coating with structured finish.

To comply with EMC guidelines, the mounting plate is manufactured from Sendzimir zinc-plated steel plate 2.7mm thick. This plate provides an equipotential mass connection between all the devices on the enclosure.

All panels are directly earthed to the enclosure frame by their fittings or an extra fitting clip.

The mounting plate is delivered on the outside of the packaging for easy access without unpacking the full enclosure.

Fitted with sliding brackets, the mounting plate rests directly onto the enclosure frame for maximum weight support. The sliding brackets allow an easy installation and depth adjustment but do not interfere with the bottom cable entry space. The position of the mounting plate in the maximum depth of the enclosure is standard and the use of two opposite mounting plates is possible. Standard mounting plates can be mounted on the side of the enclosure by using the accessory kit MPS04.

The enclosure offers maximum protection to the user and equipment thanks to the high protection degree IP 55 / IP 56 - IK 10 according to IEC 60529, EN 60529 & EN 62208.

When using an interior door, modular framework or 19" swing frame, the protection degree IP 20 is guaranteed within the enclosure. Upgrade of this protection to IP 55 can be reached by the use of a glazed door.

The enclosures carry the UL 50, CSA C22.2 and KEMA approvals. Next to that the MultiFlex range of products are covered by Lloyds Register of shipping for use in the shipping industry.

Eldon MultiK® mild steel floor standing enclosures

The MultiK range of floorstanding enclosures comprises:
Standard dimensions ranging from 1200 x 600 x 400mm up to 2000 x 1600 x 500mm.

Technical Information

The symmetrical frame is manufactured using 1.5mm mild precision sheet steel, continuously rolled from top to bottom, folded and seam-welded in one of the corners.

The manufacturing concept gives the frame a high rigidity and makes the enclosure particularly strong with a great resistance to warping and deformation.

The required rigidity is assured by a 60 degree angle in the frame flange which is folded four times. This assures strength in all directions.

The front flange of the frame is perforated with a network of round (diam 4.3mm) and square (10 x 14mm) holes, alternated on a pitch of 25mm allowing fast time saving installation of accessories.

The door is manufactured using 2mm mild sheet steel. Inside the door there is a mounted frame with holes on a 25mm pitch. This frame gives the door extra rigidity and is removable to allow ease of assembly for many types of applications.

Four concealed hinges allow the door to be opened to 130° and four self-positioning locking points assure an even pressure on the seal. Centre points for drilling are provided in the door for easy and quick installation of 180° hinges (accessory).

The hinges have captive hinge pins which allows the pin to remain in place after removal of the door. Door installation is an easy one man job due to the integrated “hold” design which keeps the door in place even with the hinge pins removed.

The standard fitted lock is a double-bit 3mm insert which closes the door, moves a four point espagnolette bar on the single and double door versions. The opening on single door versions is reversible without any mechanical reworking.

The rear panel is manufactured using 1.5mm mild sheet steel and welded to the frame.

The bottom of the enclosure is designed with a large opening and covered with two or three (D>300) removable and interchangeable cable entry plates, made of Sendzimir zinc-plated 1.0mm sheet steel.

All parts are pre-treated with five step iron phosphate and demineralised. After pre-treatment all parts of the enclosures are protected with powder paint RAL7035 Epoxy Polyester powder coating with structured finish.

To comply with EMC guidelines, the mounting plate is manufactured from Sendzimir zinc-plated steel plate 2.7mm thick.

This plate provides an equipotential mass connection between all the devices on the enclosure.

A special continuous polyurethane seal assures the IP 55 / IP 66 NEMA 4, 12 and 13 degree of protection.

All panels are directly earthed to the enclosure frame by their fittings or an extra fitting clip.

The mounting plate is delivered on the outside of the packaging for easy access without unpacking the full enclosure.

Fitted with sliding brackets, the mounting plate rests directly onto the enclosure frame for maximum weight support.

The sliding brackets allow an easy installation and depth adjustment but do not interfere with the bottom cable entry space. The position of the mounting plate in the maximum depth of the enclosure is standard and the use of two opposite mounting plates is possible. Standard mounting plates can be mounted in the side of the enclosure by using the accessory kit MPS04.

The enclosure offers maximum protection to the user and equipment thanks to the high protection degree IP 55 / IP 66 - IK 10 according to IEC 60529, EN 60529 & EN 62208.

When using an interior door, modular framework or 19” swing frame, the protection degree IP 20 is guaranteed within the enclosure. Upgrade of this protection to IP 55 can be reached by the use of a glazed door.

The enclosures carry the UL, cUL and KEMA approvals.

Eldon MultiFlex® stainless steel floor standing enclosures

The MultiFlex range of floor standing enclosures comprises:
Standard dimensions ranging from 1800 x 600 x 500mm up to 2000 x 1200 x 600mm.

Technical Information

The frame is manufactured using 1.5mm AISI 304 stainless precision sheet steel, continuously laser welded from top to bottom. The edges determine the degree of protection, as they do not have sharp edges in contact with the seals.

The manufacturing concept gives the frame a high rigidity and makes the enclosure particularly strong with a great resistance to warping and deformation.

The required rigidity is assured by a 60 degree angle in the profile which is folded eight times of which two are double bends. This assures strength in all directions.

The frame is perforated with a network of round (diam 4.3mm) and square (10 x 14mm) holes, alternated on a pitch of 25mm allowing fast time saving installation of accessories. These hole patterns are situated inside to generate high flexibility. Accessories fit bottom, top and sides.

The open profile gives the possibility to mount cables and accessories inside it without interfering with the aperture.

The door is manufactured using 2mm AISI 304/ AISI 316L stainless sheet steel. Inside the door there is a mounted frame with holes on a 25mm pitch. This frame gives the door extra rigidity and is removable to allow ease of assembly for many types of applications.

Four concealed hinges allow the door to be opened to 130° and four self-positioning locking points assure an even pressure on the seal.

The hinges have captive hinge pins which allows the pin to remain in place after removal of the door. Door installation is an easy one man job due to the integrated "hold" design which keeps the door in place even with the hinge pins removed.

A special continuous polyurethane seal assures the IP 55 / IP 56 NEMA 12, 13 degree of protection.

The standard fitted lock is a double-bit 3mm insert which closes the door, moves a four point espagnolette bar on the single and double door versions. The opening on single door versions is reversible without any mechanical reworking.

The rear panel is manufactured using 1.5mm AISI 304 / AISI 316L stainless sheet steel and can be replaced by a plain or transparent door. Easy one man fitting is part of the integrated system.

The removable side panel for the enclosure is manufactured using 1.5mm AISI 304 / AISI 316L stainless sheet steel. Easy one man fitting is part of the integrated system.

The bottom of the enclosure is designed with a large opening and covered with one piece removable cable entry plate, made of 1.5mm AISI 304 / AISI 316L stainless steel. The bottom plate has

injected polyurethane gasket to ensure maximum sealing.

Manufactured from 240s pre-grained stainless steel, offering increased resistance to corrosion, and cleaner, smoother surface suitable for extreme harsh environments and food applications.

To comply with EMC guidelines, the mounting plate is manufactured from Sendzimir zinc-plated steel plate 2.7mm thick. This plate provides an equipotential mass connection between all the devices on the enclosure.

All panels are directly earthed to the enclosure frame by their fittings or an extra fitting clip.

The mounting plate is fitted with sliding brackets, the mounting plate rests directly onto the enclosure frame for maximum weight support. The sliding brackets allow an easy installation and depth adjustment but do not interfere with the bottom cable entryspace. The position of the mounting plate in the maximum depth of the enclosure is standard and the use of two opposite mounting plates is possible. Standard mounting plates can be mounted in the side of the enclosure by using the accessory kit MPS04.

The enclosure offers maximum protection to the user and equipment thanks to the high protection degree IP 55 / IP 56 - IK 10 according to IEC 60529, EN 60529 & EN 62208.

When using an interior door, modular framework or 19" swing frame, the protection degree IP 20 is guaranteed within the enclosure. Upgrade of this protection to IP 55 can be reached by the use of a glazed door.

The enclosures carry the UL, cUL and KEMA approvals.

Eldon MultiK® stainless steel floor standing enclosures

The MultiK range of stainless steel floor standing enclosures comprises:
Standard dimensions ranging from 1200 x 1200 x 400mm up to 2000 x 1600 x 400mm.

Technical Information

The symmetrical frame is manufactured using 1.5mm AISI 304 / AISI 316L stainless steel and seam-welded. The manufacturing concept gives the frame a high rigidity and makes the enclosure particularly strong with a great resistance to warping and deformation.

The required rigidity is assured by a 60 degree angle in the frame flange which is folded four times. This assures strength in all directions.

The frame is perforated with a network of round (diam 4.3mm) and square (10x14mm) holes, alternated on a pitch of 25mm allowing fast time saving installation of accessories.

The door is manufactured using 2mm AISI 304/ AISI 316L stainless sheet steel. Inside the door there is a mounted frame with holes on a 25mm pitch. This frame gives the door extra rigidity and is removable to allow ease of assembly for many types of applications.

Four concealed hinges allow the door to be opened to 130° and four self-positioning locking points assure an even pressure on the seal.

The hinges have captive hinge pins which allows the pin to remain in place after removal of the door. Door installation is an easy one man job due to the integrated "hold" design which keeps the door in place even with the hinge pins removed.

A special continuous polyurethane seal assures the IP 55 / IP66 NEMA 4x,12 and 13 degree of protection.

The standard fitted lock is a double-bit 3mm insert which closes the door, moves a four point espagnolette bar on the single and double door versions. The opening on single door versions is reversible without any mechanical reworking.

The rear panel is manufactured using 1.5mm AISI 304 / AISI 316L stainless sheet steel and can be replaced by a plain or transparent door. Easy one man fitting is part of the integrated system.

The bottom of the enclosure is designed with a large opening and covered with one piece removable cable entry plate, made of 1.5mm AISI 304 / AISI 316L stainless steel. The bottom plate has injected polyurethane gasket to ensure maximum sealing.

Manufactured from 240s pre-grained stainless steel, offering increased resistance to corrosion, and cleaner, smoother surface suitable for extreme harsh environments and food applications

To comply with EMC guidelines, the mounting plate is manufactured from Sendzimir zinc-plated steel plate 2.7mm thick. This plate provides an equipotential mass connection between all the devices on the enclosure.

All panels are directly earthed to the enclosure frame by their fittings or an extra fitting clip.

The mounting plate is fitted with sliding brackets, the mounting plate rests directly onto the enclosure frame for maximum weight support. The sliding brackets allow an easy installation and depth adjustment but do not interfere with the bottom cable entryspace. The position of the mounting plate in the maximum depth of the enclosure is standard and the use of two opposite mounting plates is possible. Standard mounting plates can be mounted in the side of the enclosure by using the accessory kit MPS04.

The enclosure offers maximum protection to the user and equipment thanks to the high protection degree IP 55 / IP 66 - IK 10 according to IEC 60529, EN 60529 & EN 62208.

When using an interior door, modular framework or 19" swing frame, the protection degree IP 20 is guaranteed within the enclosure. Upgrade of this protection to IP 55 can be reached by the use of a glazed door.

The enclosures carry the UL, cUL and KEMA approvals.