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# MCT Brattberg multi cable transits



**Together we  
make life less  
unpredictable.**

There are great forces out there, that have the power to change life as we know it. Some things you control, some things you don't.

But we are surrounded by smart and strong people who work tirelessly, making the world a better and safer place.

Together we make life less unpredictable.



# The original Multi Cable Transit

The MCT Brattberg multi cable and pipe transit was patented in the early 1950s and has since then become the industry standard because of its high performance and safety features. With just a few components we create a safer environment.



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# Application areas



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Trains and rolling stock

Data centers



Utilities



Refineries



Infrastructure



Renewables



Offshore wind



Marine & Offshore



Underground cable entries





# MCT system

These cable and pipe transits are used in high-risk land-based and Marine & Offshore environments to minimize danger by preventing the spread of fire, water, gas, chemicals and other hazardous substances. The system consists of a frame, rubber blocks and a compression unit.

The system provides the application flexibility needed to quickly configure and install all types of cable and pipe transit. It contains a complete range of frames, blocks and components. The design and features of each type of component make them easy to install.



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# Insert Blocks

MCT Brattberg's insert blocks are manufactured from Lycron, a synthetic polymer that was developed to withstand fire, explosions, temperature variation, ageing, radiation and rodents. The blocks are injection moulded giving precision components to a high degree of accuracy.

## HandiBlock

Available in four sizes to fit cables/pipes or tubing from 4 to 54 mm (1.58" to 2.13"), inserts marked with designated cable/pipe dimensions. A safe, flexible and easy-to-install block module.



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## Standard Block

The insert blocks are manufactured from Lycron. Each block consists of two halves and can seal cables/pipes with diameters from 3.5 - 110 mm (0.14-4.33").



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Ex



EMC



G&B



# Components

In addition to the frame and insert blocks, components needed within the transit to secure and complete a stable installation.

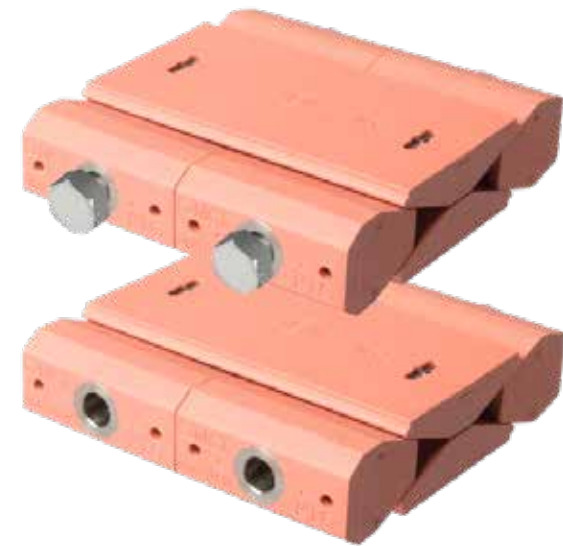


## Stayplate

Stayplates make installation simple, increase stability and anchor blocks within the frame. It secures all components against water and gas pressure, explosions, cable and pipe pulling forces etc. It also ensures each insert blocks position, which is required to establish a secure cable screen connection to earth in EMC and Grounding & Bonding applications. Stayplates are available in galvanized mild steel, stainless steel or aluminium.



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## PTG Presswedge

The PTG-120 compresses the system and completing the seal. Manufactured from Lycron with stainless steel (316L) hardware.



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# RGP System

These cable and pipe transits are used in high-risk maritime, offshore and land-based environments to minimize danger by preventing the spread of fire, water, gas, chemicals and other hazards substances.

The system consists of a round rubber frame (RGP or RGPO) and rubber blocks. The RGP or RGPO is assembled in sleeves, pipes, drilled or cast holes and packed with rubber blocks suited for each cable and pipe dimension. The compression bolts are tightened to compress the rubber blocks against cables and pipes to establish a tight seal.



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# RFCS Cabinet seals

RFCS - Cabinet seal At Sea On land Cabinets

The unique MCT Brattberg RFCS is available in three basic sizes of 10, 12 & 16 with an extension provision to size 20, 24 & 32 respectively. It's a price competitive openable/retrofit alternative to heavy duty plug in connectors and cable glands plates in the cabinets.



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## Tailor made transits

Cable and pipe transits must have features that make them safe in a variety of hazardous applications to protect people, environment – including intellectual property like computer data – and to help ensure the continued operations of a business or other organization.

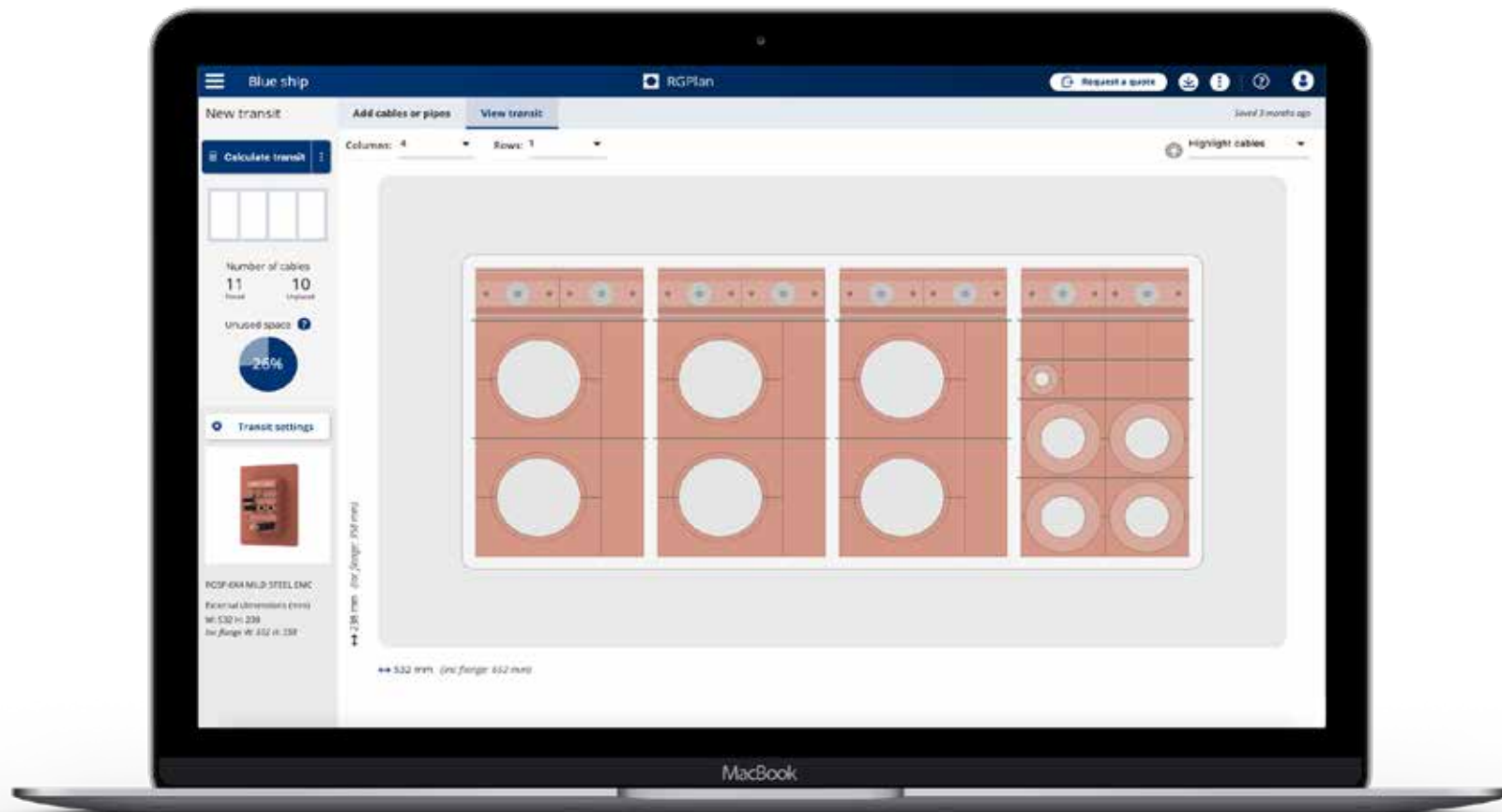
**We help you adapt our transits with the technical demands and designs you require. Contact us for guidance on cable entries or to book a personal meeting.**



# RGPlan

## Web based MCT Designer

Configure cable/pipe penetrations quick and easy with our web based manager service. Input your transit requirements and RGPlan automatically configures the seal, along with all necessary components, blank blocks, stayplates and compression systems.



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# Putting safety first

MCT Brattberg endeavors to protect people and property through the design, development and manufacture of high-performance cable and pipe transits. These are used in high-risk maritime, offshore and land-based environments to minimize danger by preventing the spread of fire, water, gas, chemicals and other hazards substances. Putting safety first lies at the heart of all MCT Brattberg business activities.

