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Press Release

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A tidy workplace:

The new Cable Duct keeps the workplace safe and tidy

Workplaces in production and workshop environments and the desks in offices have one thing in common today – a generous assortment of communication and power cables. Apart from the classical cables such as lighting and telephone wires, there is a multitude of data and network cables, keyboards, pointing devices, scanners, printers and control systems and power supplies for innumerable tools in use in a state-of-the-art production set-up. In many cases, a compressed air lead is also needed somewhere amongst the others for specific applications.

All these cables and hoses have to be guided to their destinations in such a way that they are well protected, in order to prevent accident and injury but also to guarantee a tidy, orderly workplace environment. The demands of flexible automation, however, also require these cables, hoses and lines to be easily accessible if they need changing or modifying. So what is required is an open-access installation option.

It is precisely this application that the new Cable Duct from the item MB Building Kit System is ideally suited for. The generous space available within the Cable Duct enables not only all the cables and hoses to be concealed but also the inevitable multi-socket extension cables we cannot do without. The space has been designed to allow even bulky plug-in mains adapters to be swallowed up by these Cable Ducts. At any desired point, the cables can be extracted again from the Ducts and led to the device concerned by the shortest possible path. Adding a new cable could hardly be easier. Simply open the cover and insert the cable. A rubber seal integrated in the cover keeps the cables in place and also prevents dust, sawdust, chips etc. from contaminating the inside of the duct.

The Cable Duct would hardly be an item product if it did not feature the key benefits of the tried-and-tested MB Building Kit System: its construction is self-supporting, i.e. it can be attached at any place on the workbench. Thanks to the modular design, there are no restrictions when attaching it to tables of any shape and it can even be attached to the wall. The Cable Duct is made up of 4 aluminium Profiles simply attached to each other and can be closed off on the front-facing side using sturdy Caps. These Caps have openings for inserting cables from the side. If you need to insert cables from above or below the Cable Duct, it is just as easy: simply interrupt the section of the Profile at the point where the opening is to be. This can also be done retroactively on a Cable Duct in situ, making retrofitting of devices in workplaces a simple matter.

The elegant design of these item Cable Ducts tends to make one forget that they were originally designed for rough-and-tumble industrial use and have been made extremely sturdy. So, thanks to their matt brushed anodised surface, they can equally well be used to enhance any smart office.



(Figure: 8-0241c4.eps)



(Figure: 8-0242c4.eps)



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Product benefits

- unrestricted design, variable length even round corners, makes them fit in with both workplaces and production lines
- voluminous inner space, even for extensions with plugged-in adapters
- self-supporting construction
- concealed Grooves (for Line 5) for attaching components
- no restriction on external fitting (through holes at any point in the wall profile)
- elegant outer wall to match typical item 45° design
- flip-cover to facilitate insertion of new cables, with outlets at any desired point
- elastic Lip Seals close off the cover openings and hold cables in place
- lateral cover with integrated cable grommet, can be closed off, if required
- sturdy construction
- suitable for industrial use