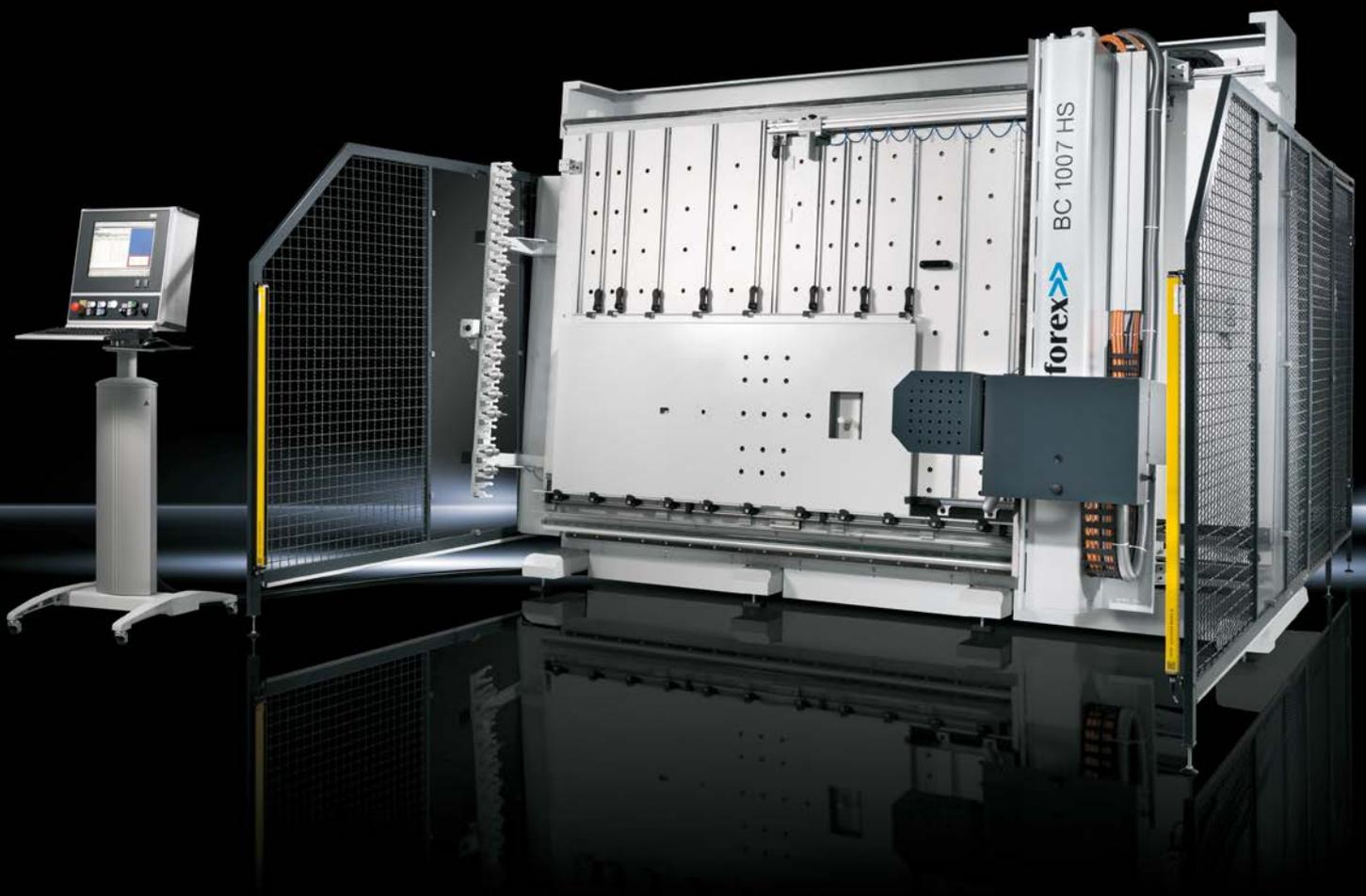


# KIESLING

We automate the panel building.

## Perforex machining centres



MACHINING

ASSEMBLY

WIRING

HANDLING

FRIEDHELM LOH GROUP



Automation in enclosure assembly

# Perforex machining centres

## Focus:

Perforex machining centres are specifically designed for the automated mechanical modification of standard enclosures. Thanks to the consistent use of component libraries and CAD data imports, this machine is recommended for batch sizes of 1 or more.

## Machining operations:

Perforex machining centres can automatically create holes, threads and milled cutouts in the workpiece in a single cycle. Other operations such as engraving, circular thread tapping, deburring and countersinking are also supported.

## Flexibility:

All standard materials used in enclosure manufacturing, such as steel, stainless steel, aluminium and copper, as well as various plastics and other machinable materials, mounting plates, chamfered and spray-finished doors, covers, console plates, housings etc. may be machined.

## Article numbers:

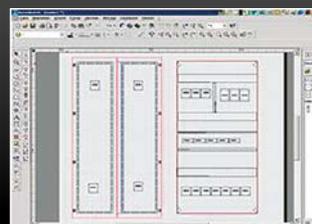
BC 1001 HS: 4050.101 BC 1007 HS: 4050.107 BC 1008 HS: 4050.108 BC 2007 HS: 4050.207

### Hardware

There are 4 Perforex machine models. Depending on the model, enclosure panels up to (W x H) 3,400 x 1,700 mm (BC 1007 HS) and enclosures up to (W x H x D) 2,200 x 1,600 x 2,200 mm (BC 1008 HS) may be clamped and pneumatically fixed. As standard, the tool magazine can simultaneously accommodate 18 or 20 tools (with BC 2007 HS). Up to 40 tools are optionally available. With the motorised depth adjustment for enclosures and a wide range of options, Perforex machines are equipped for the optimum handling of all parts. The comprehensive safety features satisfy all the recommendations of the TÜV-Rheinland testing agency.

### Software

The user interface of a Perforex machining centre is an intuitive workshop programming system which supports remote maintenance. The software is networkable, uses a central database, and may be used on an unlimited number of different PCs within the company. This means that all programmed jobs are immediately available on the machine and can be reused. Alternatively, almost any standard CAD and E-planning system can be used for programming. Ask about our interfaces.



## Result:

Automated machining of metal parts in enclosure manufacturing.

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