

Perforex machining centres

Perforex machining centres were designed specifically for panel building and switchgear manufacturing to optimise the machining of enclosure panels and cases in the workshop and boost efficiency. Perforex machining centres can automatically create holes, threads and milled surfaces in the workpiece. 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.

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.

- User-friendly workshop programming with interfaces to all standard CAD systems (DXF import), plus direct transfer of the drilling data from EPLAN Pro Panel

Hardware

Depending on the model, enclosure panels up to (W x H) 3400 x 1700 mm and enclosures up to (W x H x D) 2200 x 2300 x 2300 mm may be clamped and pneumatically secured. As standard, the tool magazine can simultaneously accommodate 18 or 20 tools. 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.



Item name	Perforex BC 1001 HS	Perforex BC 1007 HS	Perforex BC 1008 HS	Perforex BC 2007 HS	Perforex BC 2014 HS
Clampable enclosure panels (W x H) mm	2500 x 1500	2450 x 1700	2300 x 1550	3600 x 1700	3600 x 2300
Maximum machinable area for panels (W x H) mm	2230 x 1500	2200 x 1700	2300 x 1700	3400 x 1700	3400 x 2300
Clampable cubic parts (W x H x D) mm	1200 x 1400 x 1200	1400 x 1600 x 1600	2300 x 1600 x 1600	1600 x 1600 x 1600	1400 x 2300 x 2200
Option of extended carriage (W x H x D) mm	–	1400 x 1600 x 2000	2300 x 1600 x 2200	1600 x 1600 x 2000	–
Maximum machinable area for cubic parts (W x H) mm	720 x 1400	1200 x 1600	2300 x 1600	1200 x 1600	1400 x 2300
Two-door option	–	–	–	–	2800 x 2300
Model No.	4050.101	4050.107	4050.108	4050.207	4050.230