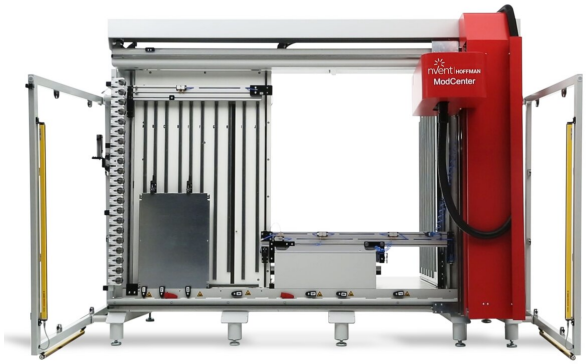
Modcenter



Automate and precise holes and cutouts machine for Panel Builders. The ModCenter makes your shop more competitive, efficient and improves your bottom line. Reduce your lead times by modifying stocked or quick-ship enclosures on your schedule.

FEATURES

Description: The ModCenter optimizes the machining of enclosures with cut-outs, drill-holes and threaded holes to boost your productivity. The fixation system of the ModCenter allows for placement of one or multiple enclosures, panels and mounting plates in multiple kind of materials. The ModCenter is available in four versions depending on the size of the machinable surfaces and each version is available in a Siemens or Beckhoff control system.

Modern and intuitive Human-machine interface: Easily manage your operations using a large 24” display and a reliable industrial-grade PC with the latest 64-bit operating system. The user-friendly interface makes setup, programming, and day-to-day operations accessible to everyone

Tools: All ModCenters have an automatic tool changing system that accommodates 12 tools and optionally up to 21 tools. The lubrication system extends the lifetime of the tools and is environment friendly as the lubricant is water based.

Fixation: The fixation system has 7 automatic rotary clamps at the bottom and mechanical quick clamps at the top for securing panels and mounting plates. Enclosures are positioned with a synchronized motorized depth adjustment system and are secured with pneumatic fixations pillows allowing for ergonomic and force-free loading of small to large enclosures.

Machinable material: Mild steel, stainless steel, copper, aluminum, PVC, polycarbonate, ABS, GRP and regardless if any of these are powder coated.

Machine software: Ares Commander CAD is an intuitive programming system for the ModCenter available on the console or any other PC in the company network. The software includes a library with enclosures and symbols to make drawings fast and easily, to be automatically converted to machine code.

Interface: Projects generated with almost all available CAD and E-planning systems in the market can be processed directly on the machine software, using .DXF or .DWG files.

Rated voltage: 400 V, 3~, 50/60 Hz.

Rated current: 32 A.

Compressed air: 6-8 bar, suction capacity 300 l/min.

Machinable panels and mounting plates Width: Up to 2400

Machine footprint Depth: Up to 4500

Control system: ModCenter B - Beckhoff; ModCenter S - Siemens

SPECIFICATIONS

Catalog Number	Height	Width	Material	Finish	Color	Rated Current
MODC163B	1650mm	2400mm	Mild Steel	Powder Coated	Red, Gray	32A
MODC163S	1650mm	2400mm	Mild Steel	Powder Coated	Red, Gray	32A
MODC263B	1600mm	2400mm	Mild Steel	Powder Coated	Red, Gray	32A
MODC263S	1600mm	2400mm	Mild Steel	Powder Coated	Red, Gray	32A
MODC280B	2020mm	2400mm	Mild Steel	Powder Coated	Red, Gray	32A
MODC280S	2020mm	2400mm	Mild Steel	Powder Coated	Red, Gray	32A
MODC293B	2340mm	2400mm	Mild Steel	Powder Coated	Red, Gray	32A
MODC293S	2340mm	2400mm	Mild Steel	Powder Coated	Red, Gray	32A

ADDITIONAL PRODUCT DETAILS

Add U at the end of the item no. for UL approved ModCenters.

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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