

# Автоматизированные центры модификации корпусов ELDON Modcenter

## Технические характеристики



**Архангельск** (8182)63-90-72  
**Астана** (7172)727-132  
**Астрахань** (8512)99-46-04  
**Барнаул** (3852)73-04-60  
**Белгород** (4722)40-23-64  
**Брянск** (4832)59-03-52  
**Владивосток** (423)249-28-31  
**Волгоград** (844)278-03-48  
**Вологда** (8172)26-41-59  
**Воронеж** (473)204-51-73  
**Екатеринбург** (343)384-55-89  
**Иваново** (4932)77-34-06

**Ижевск** (3412)26-03-58  
**Иркутск** (395)279-98-46  
**Казань** (843)206-01-48  
**Калининград** (4012)72-03-81  
**Калуга** (4842)92-23-67  
**Кемерово** (3842)65-04-62  
**Киров** (8332)68-02-04  
**Краснодар** (861)203-40-90  
**Красноярск** (391)204-63-61  
**Курск** (4712)77-13-04  
**Липецк** (4742)52-20-81

**Киргизия** (996)312-96-26-47

**Магнитогорск** (3519)55-03-13  
**Москва** (495)268-04-70  
**Мурманск** (8152)59-64-93  
**Набережные Челны** (8552)20-53-41  
**Нижний Новгород** (831)429-08-12  
**Новокузнецк** (3843)20-46-81  
**Новосибирск** (383)227-86-73  
**Омск** (3812)21-46-40  
**Орел** (4862)44-53-42  
**Оренбург** (3532)37-68-04  
**Пенза** (8412)22-31-16

**Россия** (495)268-04-70

**Пермь** (342)205-81-47  
**Ростов-на-Дону** (863)308-18-15  
**Рязань** (4912)46-61-64  
**Самара** (846)206-03-16  
**Санкт-Петербург** (812)309-46-40  
**Саратов** (845)249-38-78  
**Севастополь** (8692)22-31-93  
**Симферополь** (3652)67-13-56  
**Смоленск** (4812)29-41-54  
**Сочи** (862)225-72-31  
**Ставрополь** (8652)20-65-13

**Казахстан** (772)734-952-31

**Сургут** (3462)77-98-35  
**Тверь** (4822)63-31-35  
**Томск** (3822)98-41-53  
**Тула** (4872)74-02-29  
**Тюмень** (3452)66-21-18  
**Ульяновск** (8422)24-23-59  
**Уфа** (347)229-48-12  
**Хабаровск** (4212)92-98-04  
**Челябинск** (351)202-03-61  
**Череповец** (8202)49-02-64  
**Ярославль** (4852)69-52-93

**Panel Shop Automation**  
**Enclosure modification centers**  
**Modcenter**





**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.

**Human Machine Interface:**

Modern operating solution with 21" screen, industrial PC with Intel i5 processor and Windows 10 64-bit operating system.

**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 fixation 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.

N° of doors	Machinable enclosures, all sides		Machinable panels and mounting plates		Machine footprint		Item no.
	H (mm)	W (mm)	H (mm)	W (mm)	W (mm)	D (mm)	
1	Up to 1600	Up to 1250	Up to 1650	Up to 2400	3524	4500	MODC163B
1	Up to 1600	Up to 1250	Up to 1650	Up to 2400	3524	4500	MODC163S
2	Up to 1600	Up to 2200	Up to 1600	Up to 2400	3524	4500	MODC263B
2	Up to 1600	Up to 2200	Up to 1600	Up to 2400	3524	4500	MODC263S
2	Up to 2060	Up to 2200	Up to 2020	Up to 2400	4128	4500	MODC280B
2	Up to 2060	Up to 2200	Up to 2020	Up to 2400	4128	4500	MODC280S
2	Up to 2380	Up to 2200	Up to 2340	Up to 2400	4128	4500	MODC293B
2	Up to 2380	Up to 2200	Up to 2340	Up to 2400	4128	4500	MODC293S

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

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