

PRO
SERIES

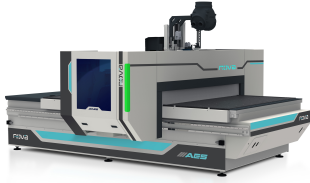


PRICE LIST 2023

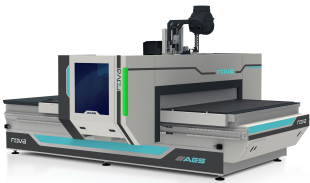
NOVA
SUPER

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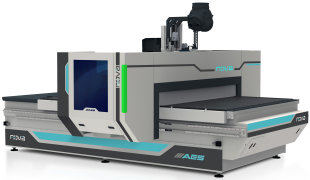
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SUPER NOVA 1325 01-10-1-305-1325**55.000 €****1325**

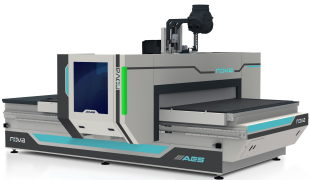
- Working Dimensions 1300 x 2500 mm / Z Axis Stroke 200 mm
- HPL(High Pressure Laminate) Working Table
- Manual Lubrication System / Automatic Tool Offset
- Working Speeds X/Y: 70m/min – Z: 20m/min
- 9 kW I 12HP ISO 30 AES Spindle Motor
- AES Boring Unit 9 Vertical Drill
- Rotary Tool Changer Unit (8 Tool Capacity – Right Side on the Bridge)
- Alphacam Core + xNesting (One Post)
- 140m³/h Eurovac Vacuum Pump / **Vacuum Areas (2 Zones)**
- Installed Power 30 kW
- Weight (Approx.) 3.750 kg

SUPER NOVA 1336 01-10-1-305-1336**63.000 €****1336**

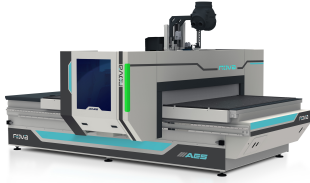
- Working Dimensions 1300 x 3700 mm / Z Axis Stroke 200 mm
- HPL(High Pressure Laminate) Working Table
- Manual Lubrication System / Automatic Tool Offset
- Working Speeds X/Y: 70m/min – Z: 20m/min
- 9 kW I 12HP ISO 30 AES Spindle Motor
- AES Boring Unit 9 Vertical Drill
- Rotary Tool Changer Unit (8 Tool Capacity – Right Side on the Bridge)
- Alphacam Core + xNesting (One Post)
- 250m³/h Eurovac Vacuum Pump / **Vacuum Areas (4 Zones)**
- Installed Power 30 kW
- Weight (Approx.) 4.250 kg

SUPER NOVA 1632 01-10-1-305-1632**61.000 €****1632**

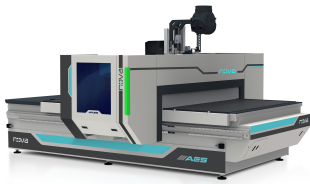
- Working Dimensions 1600 x 3200 mm / Z Axis Stroke 200 mm
- HPL(High Pressure Laminate) Working Table
- Manual Lubrication System / Automatic Tool Offset
- Working Speeds X/Y: 70m/min – Z: 20m/min
- 9 kW I 12HP ISO 30 AES Spindle Motor
- AES Boring Unit 9 Vertical Drill
- Rotary Tool Changer Unit (8 Tool Capacity – Right Side on the Bridge)
- Alphacam Core + xNesting (One Post)
- 140m³/h Eurovac Vacuum Pump / **Vacuum Areas (4 Zones)**
- Installed Power 30 kW
- Weight (Approx.) 4.150 kg

SUPER NOVA 1640 01-10-1-305-1640**71.500 €****1640**

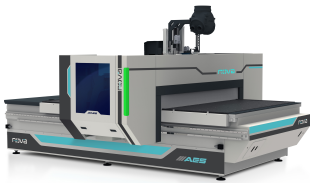
- Working Dimensions 1600 x 4000 mm / Z Axis Stroke 200 mm
- HPL(High Pressure Laminate) Working Table
- Manual Lubrication System / Automatic Tool Offset
- Working Speeds X/Y: 70m/min – Z: 20m/min
- 9 kW I 12HP ISO 30 AES Spindle Motor
- AES Boring Unit 9 Vertical Drill
- Rotary Tool Changer Unit (8 Tool Capacity – Right Side on the Bridge)
- Alphacam Core + xNesting (One Post)
- 250m³/h Eurovac Vacuum Pump / **Vacuum Areas (6 Zones)**
- Installed Power 30 kW
- Weight (Approx.) 4.350 kg

SUPER NOVA 2128 01-10-1-305-2128**67.500 €****2128**

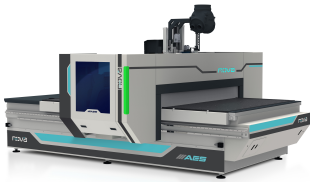
- Working Dimensions 2100 x 2800 mm / Z Axis Stroke 200 mm
- HPL(High Pressure Laminate) Working Table
- Manual Lubrication System / Automatic Tool Offset
- Working Speeds X/Y: 70m/min – Z: 20m/min
- 9 kW I 12HP ISO 30 AES Spindle Motor
- AES Boring Unit 9 Vertical Drill
- Rotary Tool Changer Unit (8 Tool Capacity – Right Side on the Bridge)
- Alphacam Core + xNesting (One Post)
- 250m³/h Eurovac Vacuum Pump / **Vacuum Areas (6 Zones)**
- Installed Power 30 kW
- Weight (Approx.) 4.650 kg

SUPER NOVA 2132 01-10-1-305-2132**68.500 €****2132**

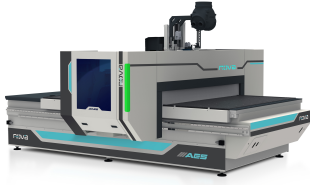
- Working Dimensions 2100 x 3200 mm / Z Axis Stroke 200 mm
- HPL(High Pressure Laminate) Working Table
- Manual Lubrication System / Automatic Tool Offset
- Working Speeds X/Y: 70m/min – Z: 20m/min
- 9 kW I 12HP ISO 30 AES Spindle Motor
- AES Boring Unit 9 Vertical Drill
- Rotary Tool Changer Unit (8 Tool Capacity – Right Side on the Bridge)
- Alphacam Core + xNesting (One Post)
- 250m³/h Eurovac Vacuum Pump / **Vacuum Areas (6 Zones)**
- Installed Power 30 kW
- Weight (Approx.) 5.250 kg

SUPER NOVA 2136 01-10-1-305-2136**70.000 €****2136**

- Working Dimensions 2100 x 3700 mm / Z Axis Stroke 200 mm
- HPL(High Pressure Laminate) Working Table
- Manual Lubrication System / Automatic Tool Offset
- Working Speeds X/Y: 70m/min – Z: 20m/min
- 9 kW I 12HP ISO 30 AES Spindle Motor
- AES Boring Unit 9 Vertical Drill
- Rotary Tool Changer Unit (8 Tool Capacity – Right Side on the Bridge)
- Alphacam Core + xNesting (One Post)
- 250m³/h Eurovac Vacuum Pump / **Vacuum Areas (8 Zones)**
- Installed Power 30 kW
- Weight (Approx.) 5.600 kg

SUPER NOVA 2142 01-10-1-305-2142**76.500 €****2142**

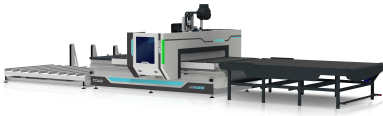
- Working Dimensions 2100 x 4200 mm / Z Axis Stroke 200 mm
- HPL(High Pressure Laminate) Working Table
- Manual Lubrication System / Automatic Tool Offset
- Working Speeds X/Y: 70m/min – Z: 20m/min
- 9 kW I 12HP ISO 30 AES Spindle Motor
- AES Boring Unit 9 Vertical Drill
- Rotary Tool Changer Unit (8 Tool Capacity – Right Side on the Bridge)
- Alphacam Core + xNesting (One Post)
- 250m³/h Eurovac Vacuum Pump / **Vacuum Areas (10 Zones)**
- Installed Power 30 kW
- Weight (Approx.) 6.150 kg



2157

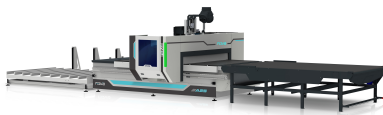
- Working Dimensions 2100 x 5700 mm / Z Axis Stroke 200 mm
- HPL(High Pressure Laminate) Working Table
- Manual Lubrication System / Automatic Tool Offset
- Working Speeds X/Y: 70m/min – Z: 20m/min
- 9 kW | 12HP ISO 30 AES Spindle Motor
- AES Boring Unit 9 Vertical Drill
- Rotary Tool Changer Unit (8 Tool Capacity – Right Side on the Bridge)
- Alphacam Core + xNesting (One Post)
- **2x250m³/h Eurovac Vacuum Pump / Vacuum Areas (10 Zones)**
- **Double Working Zones**
- Installed Power 30 kW
- Weight (Approx.) 7.150 kg

1325



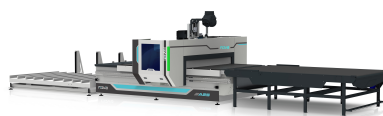
- Working Dimensions 1300 x 2500 mm / Z Axis Stroke 200 mm
- HPL(High Pressure Laminate) Working Table
- Manual Lubrication System / Automatic Tool Offset
- Working Speeds X/Y: 70m/min – Z: 20m/min
- 9 kW | 12HP ISO 30 AES Spindle Motor
- AES Boring Unit 9 Vertical Drill
- Rotary Tool Changer Unit (8 Tool Capacity – Right Side on the Bridge)
- Alphacam Core + xNesting (One Post)
- 140m³/h Eurovac Vacuum Pump/**Vacuum Areas (2 Zones)**
- **Lift & Loading Unit**
- **Unloading & Cleaning Unit**
- **Conveyor Unit**
- Installed Power 40 kW
- Weight (Approx.) 4.000 kg + 1.450kg

1336



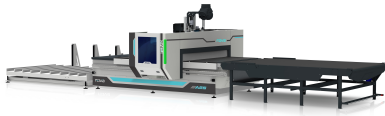
- Working Dimensions 1300 x 3700 mm / Z Axis Stroke 200 mm
- HPL(High Pressure Laminate) Working Table
- Manual Lubrication System / Automatic Tool Offset
- Working Speeds X/Y: 70m/min – Z: 20m/min
- 9 kW | 12HP ISO 30 AES Spindle Motor
- AES Boring Unit 9 Vertical Drill
- Rotary Tool Changer Unit (8 Tool Capacity – Right Side on the Bridge)
- Alphacam Core + xNesting (One Post)
- 250m³/h Eurovac Vacuum Pump/**Vacuum Areas (4 Zones)**
- **Lift & Loading Unit**
- **Unloading & Cleaning Unit**
- **Conveyor Unit**
- Installed Power 40 kW
- Weight (Approx.) 4.250 kg + 1.650kg

1632



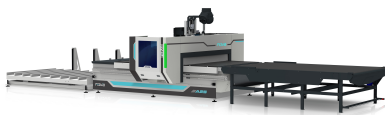
- Working Dimensions 1600 x 3200 mm / Z Axis Stroke 200 mm
- HPL(High Pressure Laminate) Working Table
- Manual Lubrication System / Automatic Tool Offset
- Working Speeds X/Y: 70m/min – Z: 20m/min
- 9 kW | 12HP ISO 30 AES Spindle Motor
- AES Boring Unit 9 Vertical Drill
- Rotary Tool Changer Unit (8 Tool Capacity – Right Side on the Bridge)
- Alphacam Core + xNesting (One Post)
- 140m³/h Eurovac Vacuum Pump/**Vacuum Areas (4 Zones)**
- **Lift & Loading Unit**
- **Unloading & Cleaning Unit**
- **Conveyor Unit**
- Installed Power 40 kW
- Weight (Approx.) 4.150 kg + 1.650kg

1640



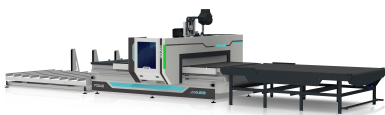
- Working Dimensions 1600 x 4000 mm / Z Axis Stroke 200 mm
- HPL(High Pressure Laminate) Working Table
- Manual Lubrication System / Automatic Tool Offset
- Working Speeds X/Y: 70m/min – Z: 20m/min
- 9 kW I 12HP ISO 30 AES Spindle Motor
- AES Boring Unit 9 Vertical Drill
- Rotary Tool Changer Unit (8 Tool Capacity – Right Side on the Bridge)
- Alphacam Core + xNesting (One Post)
- 250m³/h Eurovac Vacuum Pump/**Vacuum Areas (6 Zones)**
- **Lift & Loading Unit**
- **Unloading & Cleaning Unit**
- **Conveyor Unit**
- Installed Power 40 kW
- Weight (Approx.) 4.350 kg + 1.900kg

2128

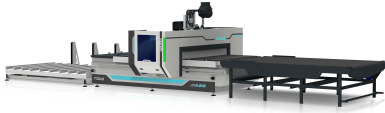


- Working Dimensions 2100 x 2800 mm / Z Axis Stroke 200 mm
- HPL(High Pressure Laminate) Working Table
- Manual Lubrication System / Automatic Tool Offset
- Working Speeds X/Y: 70m/min – Z: 20m/min
- 9 kW I 12HP ISO 30 AES Spindle Motor
- AES Boring Unit 9 Vertical Drill
- Rotary Tool Changer Unit (8 Tool Capacity – Right Side on the Bridge)
- Alphacam Core + xNesting (One Post)
- 250m³/h Eurovac Vacuum Pump/**Vacuum Areas (6 Zones)**
- **Lift & Loading Unit**
- **Unloading & Cleaning Unit**
- **Conveyor Unit**
- Installed Power 40 kW
- Weight (Approx.) 4.650 kg + 1.700kg

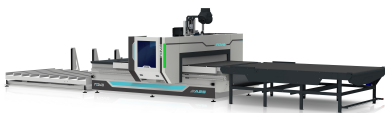
2132



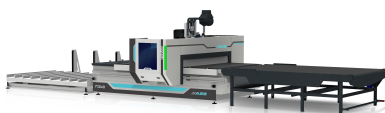
- Working Dimensions 2100 x 3200 mm / Z Axis Stroke 200 mm
- HPL(High Pressure Laminate) Working Table
- Manual Lubrication System / Automatic Tool Offset
- Working Speeds X/Y: 70m/min – Z: 20m/min
- 9 kW I 12HP ISO 30 AES Spindle Motor
- AES Boring Unit 9 Vertical Drill
- Rotary Tool Changer Unit (8 Tool Capacity – Right Side on the Bridge)
- Alphacam Core + xNesting (One Post)
- 250m³/h Eurovac Vacuum Pump/**Vacuum Areas (6 Zones)**
- **Lift & Loading Unit**
- **Unloading & Cleaning Unit**
- **Conveyor Unit**
- Installed Power 40 kW
- Weight (Approx.) 5.250 kg + 1.900kg

SUPER NOVA LINE 2136 01-10-1-306-2136**101.500 €****2136**

- Working Dimensions 2100 x 3700 mm / Z Axis Stroke 200 mm
- HPL(High Pressure Laminate) Working Table
- Manual Lubrication System / Automatic Tool Offset
- Working Speeds X/Y: 70m/min – Z: 20m/min
- 9 kW I 12HP ISO 30 AES Spindle Motor
- AES Boring Unit 9 Vertical Drill
- Rotary Tool Changer Unit (8 Tool Capacity – Right Side on the Bridge)
- Alphacam Core + xNesting (One Post)
- **2x250m³/h Eurovac Vacuum Pump/ Vacuum Areas (8 Zones)**
- **Lift & Loading Unit**
- **Unloading & Cleaning Unit**
- **Conveyor Unit**
- Installed Power 40 kW
- Weight (Approx.) 5.100 kg + 2.300kg

SUPER NOVA LINE 2142 01-10-1-306-2142**104.000 €****2142**

- Working Dimensions 2100 x 4200 mm / Z Axis Stroke 200 mm
- HPL(High Pressure Laminate) Working Table
- Manual Lubrication System / Automatic Tool Offset
- Working Speeds X/Y: 70m/min – Z: 20m/min
- 9 kW I 12HP ISO 30 AES Spindle Motor
- AES Boring Unit 9 Vertical Drill
- Rotary Tool Changer Unit (8 Tool Capacity – Right Side on the Bridge)
- Alphacam Core + xNesting (One Post)
- **2x250m³/h Eurovac Vacuum Pump/ Vacuum Areas (10 Zones)**
- **Lift & Loading Unit**
- **Unloading & Cleaning Unit**
- **Conveyor Unit**
- Installed Power 40 kW
- Weight (Approx.) 5.900 kg + 2.650kg

SUPER NOVA LINE 2157 01-10-1-306-2157**117.500 €****2157**

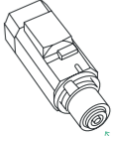
- Working Dimensions 2100 x 5700 mm / Z Axis Stroke 200 mm
- HPL(High Pressure Laminate) Working Table
- Manual Lubrication System / Automatic Tool Offset
- Working Speeds X/Y: 70m/min – Z: 20m/min
- 9 kW I 12HP ISO 30 AES Spindle Motor
- AES Boring Unit 9 Vertical Drill
- Rotary Tool Changer Unit (8 Tool Capacity – Right Side on the Bridge)
- Alphacam Core + xNesting (One Post)
- **2x250m³/h Eurovac Vacuum Pump/ Vacuum Areas (12 Zones)**
- **Lift & Loading Unit**
- **Unloading & Cleaning Unit**
- **Conveyor Unit**
- Installed Power 40 kW
- Weight (Approx.) 6.500 kg + 2.950kg

SPINDLE MOTOR OPTIONS

OPM310001

AES 7,5 - 9 kW Spindle Motor

STD.

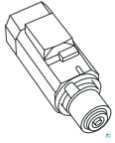


AES - 7.5kw (10 HP) in S1, **9kw** (12 HP) in S6 operation, maximum 24.000 rpm, **ISO 30 connecton**, air cooling system

OPM310002

HSD 7,5 - 9 kW Spindle Motor

3.500 €

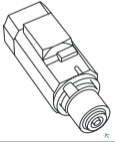


HSD - 7.5kw (10 HP) in S1, **9kw** (12 HP) in S6 operation, maximum 24.000 rpm, HSK F63 connecton, air cooling system

OPM310003

HSD 9 - 12 kW Spindle Motor

6.500 €

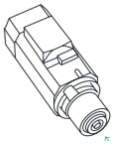


HHSD - 9kw (12 HP) in S1, **12kw** (15 HP) in S6 operation, maximum 24.000 rpm, HSK F63 connecton, air cooling systemm

OPM310004

HSD 7,5 - 9 kW Spindle Motor(Liquid Cooling)

5.750 €



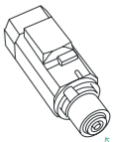
HSD - 7,5kw (10 HP) in S1, **9kw** (12 HP) in S6 operation, maximum 24.000 rpm, HSK F63 connecton, **liquid cooling system**

* This option requires OPA0504 - Chiller Unit option for liquid cooling system.

OPM310005

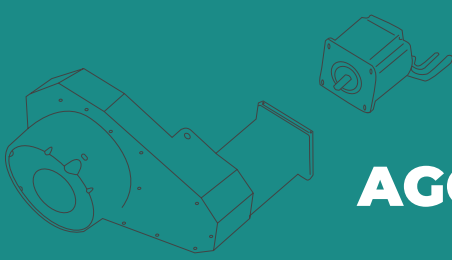
HSD 12 - 14 kW Spindle Motor(Liquid Cooling)

8.750 €



HSD - 12kw (15 HP) in S1, **14kw** (18.75 HP) in S6 operation, maximum 24.000 rpm, HSK F63 connecton, **liquid cooling system**

* This option requires OPA0504 - Chiller Unit option for liquid cooling system.

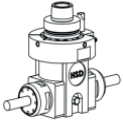


AGGREGATE OPTIONS

OPA0300

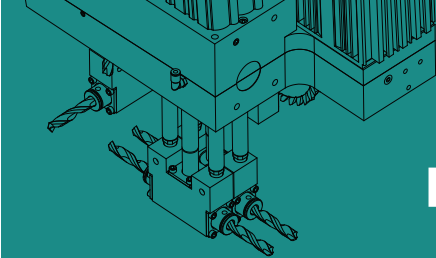
HSD Door Processing Aggregate (H630229500)

3.000 €



HSD Door Processing Aggregate: ER32 connection, rotation speed 17.100rpm, HSK F63 connection, tool shaft diameter 2 ÷ 20 mm, max tool diameter 20mm, weight 4,3kg

*** This option requires HSK F63 Spindle Motor

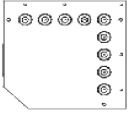


BORING UNIT OPTIONS

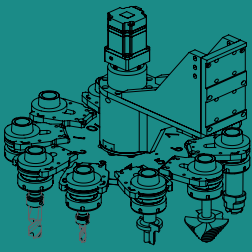
OPM310100

AES 9 Vertical Spindles Boring Unit

4.350 €



AES - 9 Vertical spindles; 5 X Axis – 4 Y Axis direction, max. 6.000rpm, tool connection $\varnothing 10$, 32mm drill center distances, air cooling system

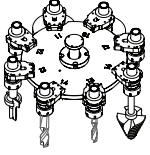


MAGAZINE UNIT OPTIONS

OPM310200

Rotary Tool Changer Unit(8 Tools Capacity)

4.750 €

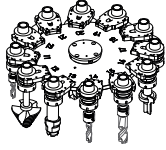


8 Tools Capacity, max. tool capacity 120mm(full equipment), max. tool capacity 165mm(in idle use), 150mm max. tool length, 7kg max. tool weight. Unit is located right side of the bridge, tool check sensor

OPM310201

Rotary Tool Changer Unit (12 Tools Capacity)

6.250 €

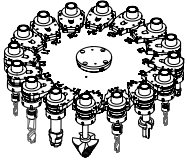


12 Tools Capacity, max. tool capacity 100mm(full equipment), max. tool capacity 125mm(in idle use), 150mm max. tool length, 7kg max. tool weight. Unit is located right side of the bridge, tool check sensor

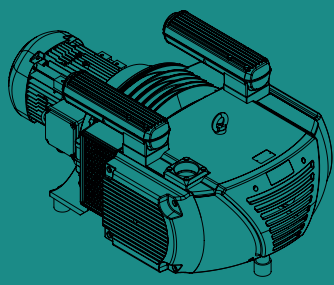
OPM310202

Rotary Tool Changer Unit (16 Tools Capacity)

8.500 €



16 Tools Capacity, max. tool capacity 100mm(full equipment), max. tool capacity 125mm(in idle use), 150mm max. tool length, 7kg max. tool weight. Unit is located right side of the bridge, tool check sensor



VACUUM SYSTEM OPTIONS

OPM310300

Eurovac 250m³/h Vacuum Pump

4.590 €



Dry type 250m³/h | 8.9 HP power, air cooling, max. vacuum 244m³/h at 100mbar – 50Hz / 286m³/h at 200mbar – 60Hz

OPM310303

Becker 250m³/h Vacuum Pump

7.375 €



Dry type 250m³/h | 8.9 HP power, air cooling, max. vacuum 244m³/h at 100mbar – 50Hz / 286m³/h at 200mbar – 60Hz

OPM2310306

Becker 300m³/h Vacuum Pump(Claw Type)

9.930 €



Dry type 300m³/h | 10 HP power, air cooling, max. vacuum 275m³/h at 150mbar – 50Hz / 325m³/h at 150mbar – 60Hz, heating prevention system, silent working capacity, **claw vane technology**

OPM310308

Additional Vacuum Pump Connection

475 €

This option present for prepare additional vacuum pump outlet, if you order additional vacuum pump this price is include the price of vacuum pump, if you order only outlet this cost has to add price

OPM310701

2 Zones Vacuum Area

680 €

The system is divided into **two zones** that can be controlled independently.

OPM310702

4 Zones Vacuum Area

1.360 €

The system is divided into **four zones** that can be controlled independently.

OPM310703

6 Zones Vacuum Area

2.040 €

The system is divided into **six zones** that can be controlled independently.

OPM310704

8 Zones Vacuum Area

2.720 €

The system is divided into **eight zones** that can be controlled independently.

OPM310705

10 Zones Vacuum Area

3.400 €

The system is divided into **ten zones** that can be controlled independently.

OPM310706

12 Zones Vacuum Area

4.080 €

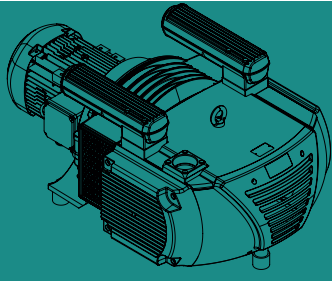
The system is divided into **twelve zones** that can be controlled independently.

OPM310707

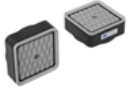

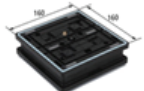


18 Zones Vacuum Area

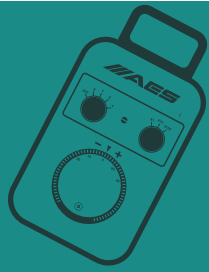
6.120 €

The system is divided into **eighteen zones** that can be controlled independently.



VACUUM SYSTEM OPTIONS

OPM310750	Vacubooast Smart Vacuum Optimization System(Eurovac)	16.015 €
Eurovac 2x250m ³ /h Vacuum Pump 8 Zones Vacuum Area Vacubooast Smart Vacuum System		9.180 € 2.720 € 4.115 €
<p>The Vacubooast system is a patented vacuum system produced by AES. The system provides a stronger grip by managing the vacuum zones with smart optimization logic. There are 2x250m³/h vacuum pump and 8 zones vacuum area in the system. *Machine standard feature prices for vacuum pump and vacuum areas will be reduced from total list price of the option.</p>		
OPM310760	Vacubooast Smart Vacuum Optimization System(Becker)	21.585 €
Becker 2x250m ³ /h Vacuum Pump 8 Zones Vacuum Area Vacubooast Smart Vacuum System		14.750 € 2.720 € 4.115 €
<p>The Vacubooast system is a patented vacuum system produced by AES. The system provides a stronger grip by managing the vacuum zones with smart optimization logic. There are 2x250m³/h vacuum pump and 8 zones vacuum area in the system. *Machine standard feature prices for vacuum pump and vacuum areas will be reduced from total list price of the option.</p>		
OPA0200	Schmalz Vacuum Block – 80x80x50mm	250 €
	Dimension : 80x80 Width Height : 50mm Weight : 0,278kg Single sided connection system	
OPA0201	Schmalz Vacuum Block – 80x40x50mm	250 €
	Dimension : 80x40 Width Height : 50mm Weight : 0,222kg Single sided connection system	
OPA0202	Schmalz Vacuum Block – 160x160x30mm	325 €
	Dimension : 160x160 Width Height : 30mm Weight : 0,896kg Double sided connection system Connection with vacuum hose (4mm) Target vacuum level for processing 600mbar	
OPM310012	Double Sided Vacuum Blocks Preperation	485 €
OPA0203	Rubber Seal - 66x66mm	57 €
	Dimension : 66x66 Width Height : 8,5mm Weight : 0,08kg Single sided connection system	
OPA0204	Impermeability Piping(mt)	3,35 €/M
	Outer Dimension Diameter : 10mm Material Type : Plastic foam Sealing Material : EPDM Material Hardness : 20 °Sh	



HAND CONTROL/READER OPTIONS

OPM310007

Hand Wheel Unit

STD.

The hand wheel is used to control the machine axes outside the control panel in manual mode. Machine axes and working speeds can be controlled via hand wheel.

OPM310006

ISAC Hand Terminal Unit

1.420 €



The handheld terminal is used to control the machine axes outside the control panel in manual mode. Machine operating speeds and parameters can be controlled with the help of the terminal. In addition, with the help of a handheld terminal, general commands can be controlled with the help of tool change, vacuum zone control, dust collection and bellows systems.

OPM310009

Barcode Reader Option

1.420 €



1D Laser barcode reader, 433Mhz wifi Link connection, 0.1 Resolution, 0 ~ 250mm Reading Distance

OPM310010

Double Working Zone Option

2.700 €

The double working zone option is used to work in a double zone with a second origin point in the machine working area. With the option, additional piston connections are made for reference to the working area and the working area option is controlled through the control panel. By means of double zone operation, the machine can simultaneously process in two areas as right and left working direction.

*If Safety Lights option selected with Double Working Zone option, there have to be 2 sets of Safety Lights.

OPM310008

Tool Cooling Unit Option

3.675 €

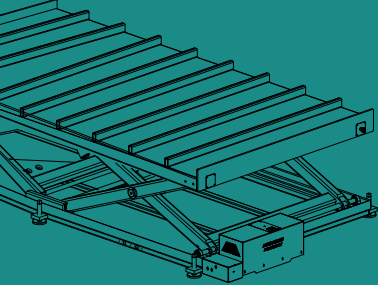
The tool cooling unit works with a liquid cooling system. The coolant added to the machine extends the machining quality and tool life by cooling the heated tool with the help of liquid during special material processing operations.

OPM310011

Automatic Lubrication Option

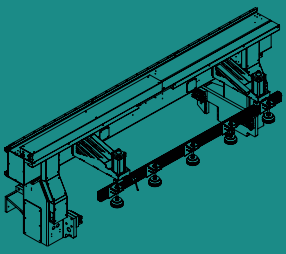
750 €

Automatic Lubrication system makes lubrication on 21 different point of the machine automatically.



LIFT UNIT OPTIONS

OPM310400	Lift Unit - 1325 1300x2500mm dimensions, 500mm loading capacity	3.625 €
		
OPM310401	Lift Unit - 1336 1300x3700mm dimensions, 500mm loading capacity	5.100 €
OPM310402	Lift Unit - 1632 1600x3200mm dimensions, 500mm loading capacity	5.100 €
OPM310403	Lift Unit - 1640 1600x4000mm dimensions, 500mm loading capacity	5.830 €
OPM310404	Lift Unit - 2128 2100x2800mm dimensions, 500mm loading capacity	5.590 €
OPM310405	Lift Unit - 2132 2100x3200mm dimensions, 500mm loading capacity	6.300 €
OPM310406	Lift Unit - 2136 2100x3700mm dimensions, 500mm loading capacity	6.930 €
OPM310407	Lift Unit - 2142 2100x4200mm dimensions, 500mm loading capacity	7.400 €
OPM310408	Lift Unit - 2157 2100x5700mm dimensions, 500mm loading capacity	9.220 €



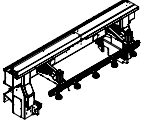
LOADING UNIT OPTIONS

OPM310420

Loading Unit - 1300mm

2.890 €

1300mm loading capacity | 4pcs loading cups



OPM310421

Loading Unit - 1600mm

3.730 €

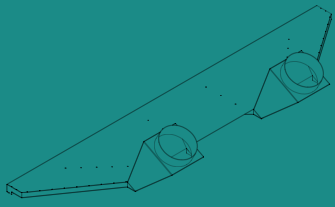
1600mm loading capacity | 5pcs loading cups

OPM310422

Loading Unit - 2100mm

4.570 €

2100mm loading capacity | 6pcs loading cups

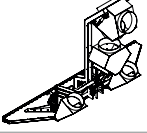


UNLOADING & CLEANING UNIT OPTIONS

OPM310500

Unloading & Cleaning Unit – 1300mm

4.950 €



1300mm unloading capacity | Min. thickness 8mm | Max. thickness 60mm | Max weight 200kg | Working with pneumatic system.

OPM310502

Unloading & Cleaning Unit – 1600mm

5.150 €

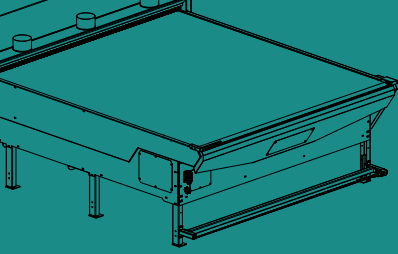
1600mm unloading capacity | Min. thickness 8mm | Max. thickness 60mm | Max weight 275kg | Working with pneumatic system.

OPM310504

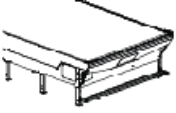
Unloading & Cleaning Unit – 2100mm

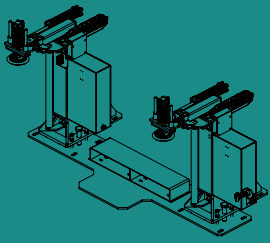
5.250 €

2100mm unloading capacity | Min. thickness 8mm | Max. thickness 60mm | Max weight 300kg | Working with pneumatic system.



CONVEYOR UNIT OPTIONS

OPM310600	Conveyor Unit - 1325 1300x2500mm dimensions, control by sensor	5.165 €
		
OPM310601	Conveyor Unit - 1336 1300x3700mm dimensions, control by sensor	7.320 €
OPM310602	Conveyor Unit - 1632 1600x3200mm dimensions, control by sensor	7.550 €
OPM310603	Conveyor Unit - 1640 1600x4000mm dimensions, control by sensor	8.035 €
OPM310604	Conveyor Unit - 2128 2100x2800mm dimensions, control by sensor	8.730 €
OPM310605	Conveyor Unit - 2132 2100x3200mm dimensions, control by sensor	10.000 €
OPM310606	Conveyor Unit - 2136 2100x3700mm dimensions, control by sensor	10.525 €
OPM310607	Conveyor Unit - 2142 2100x4200mm dimensions, control by sensor	11.155 €
OPM310608	Conveyor Unit - 2157 2100x5700mm dimensions, control by sensor	13.475 €



LABELLING & ALIGNMENT SYSTEM OPTIONS

01-10-50-1-156-1325 Manual Alignment Rollers(3 PCS Package)

1.845 €

Manual alignment rollers are used for alignment of the panels with forklift. There are 3 PCS of rollers are positioned back side of the lift.

*Option should be selected only for 1325,1336,1632,2128,2132 models.

01-10-50-1-156-2136 Manual Alignment Rollers(4 PCS Package)

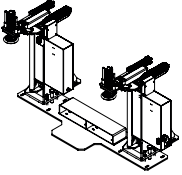
2.460 €

Manual alignment rollers are used for alignment of the panels with forklift. There are 4 PCS of rollers are positioned back side of the lift.

*Option should be selected only for 1640, 2136, 2142,2157 models.

01-10-50-1-155-2136 Automatic Alignment System

7.820 €



Automatic piece alignment system, maximum alignment distance 250mm

*Option price is not included lift unit and software option prices. This options has to be selected separately.

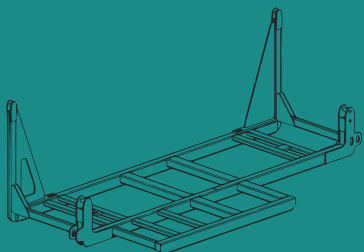
*When this option selected Label X and Loader X options can not be selected!

OPM310450

Manuel Labelling Unit

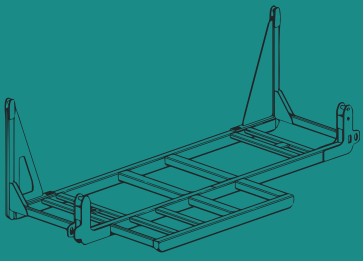
3.130 €

15'' – 1024x768px touch screen, industrial type barcode printer, IPC unit



WARRANTY & PACKAGING OPTIONS

OPA0604	Warranty Option +1 Year This option is extends warranty period +1 year.	+%5
OPA0012	Installation, Training and Comissioning Installation, Training and Comissioning of the machine is carried out by AES Group authorized personnel or by third parties authorized by AES Group. Installation is provided by expert technicians, including all necessary steps.	500 €/D
OPM310900	Super Nova 1325 – Seaway Packaging The unit is the transport platform required for loading the machine into the container.	1.450 €
OPM310901	Super Nova 1336– Seaway Packaging The unit is the transport platform required for loading the machine into the container.	1.650 €
OPM310902	Super Nova 1632 – Seaway Packaging The unit is the transport platform required for loading the machine into the container.	1.650 €
OPM310903	Super Nova 1640 – Seaway Packaging The unit is the transport platform required for loading the machine into the container.	1.850 €
OPM310904	Super Nova 2128– Seaway Packaging The unit is the transport platform required for loading the machine into the container.	1.750 €
OPM310905	Super Nova 2132 – Seaway Packaging The unit is the transport platform required for loading the machine into the container.	1.850 €
OPM310906	Super Nova 2136 – Seaway Packaging The unit is the transport platform required for loading the machine into the container.	1.950 €
OPM310907	Super Nova 2142– Seaway Packaging The unit is the transport platform required for loading the machine into the container.	2.150 €
OPM310908	Super Nova 2157 – Seaway Packaging The unit is the transport platform required for loading the machine into the container.	2.300 €



WARRANTY & PACKAGING OPTIONS

OPM310921

Super Nova 1325/1336 – Truck Packaging Cost

450 €

The unit is the transport platform required for loading the machine into the truck.

OPM310923

Super Nova 1632/1640 – Truck Packaging Cost

500 €

The unit is the transport platform required for loading the machine into the truck.

OPM310925

Super Nova 2128/2132/2136/2142/2157 – Truck Packaging Cost

650 €

The unit is the transport platform required for loading the machine into the truck.

OPM310950

Super Nova Crane Handling System

450 €

The unit is the transport platform required for loading the machine with a crane system



SOFTWARE OPTIONS

OPA0077	Alphacam Core - One Post CAD / CAM Program	2.035 €
OPA0088	Alphacam Core - Multi Post CAD / CAM Program	2.850 €
<p>ALPHACAM Core is the foundation for your manufacturing needs, offering a wide range of essential functionality for part programming. Core includes the ability for CAD importing, toolpath generation, simulation, report generation, and more. Start with ALPHACAM Core for your essential requirements, and add multipliers to build the CAM solution that meets the unique needs of your business.</p>		
OPA0078	Alphacam Core xNesting Module - One Post	1.025 €
OPA0088	Alphacam Core xNesting Module - Multi Post	1.425 €
<p>Nested manufacturing is made easy using ALPHACAM's xNesting multiplier. Parts can be selected directly from the screen or as a kit; their orientation fixed, if grain direction needs to be maintained or rotated to any angle. Nesting supports tool lead in/out, support tags for small parts, avoiding loss of table vacuum and multiple depth cuts, if an onion skin is required.</p>		
OPA0079	Alphacam Core xPositional Module - One Post	1.525 €
OPA0089	Alphacam Core xPositional Module - Multi Post	2.135 €
<p>For manufacturers that have 4/5-axis machinery but don't need the complexity of simultaneous motion toolpaths, the xPositional multiplier is the perfect solutions. By unlocking an additional axis, you will be able to program your machine to cut from any angle.</p>		
OPA0080	Alphacam Core xSimultaneous Module - One Post	3.050 €
OPA0090	Alphacam Core xSimultaneous Module - Multi Post	3.100 €
<p>Head mounted rotary axes on CNC routers can be programmed at any orientation. Aggregates with a programmable rotary axis and manual tilt are fully supported, as well as fully interpolating 5-axis heads. Safe rapid moves between planes are automatically controlled and verified using advanced solid simulation.</p>		
OPA0081	Alphacam Core xSolids Module - One Post	1.025 €
OPA0091	Alphacam Core xSolids Module - Multi Post	1.425 €
<p>If you are working with solid models, xSolids provides the tools you need to import, prepare, and process your files for manufacture. xSolids handles nearly all types of solid models and assemblies, and gives you the ability to automatically recognize features, extract geometries, and apply toolpaths.</p>		
OPA0082	Alphacam Core xAutomation Module - One Post	1.025 €
OPA0092	Alphacam Core xAutomation Module - Multi Post	1.425 €
<p>With xAutomation, 2D and 3D CAD files, along with solid models from third party software, can be batch processed - from file preparation right through to applying toolpaths with NC code being generated automatically. In addition, the files create a full report structure, along with labels and bar coding. Using xAutomation can save an end user days and weeks, potentially even months of programming time in a year.</p>		



SOFTWARE OPTIONS

OPA0083 Alphacam Core xFixtures Module - One Post **510 €**

OPA0093 Alphacam Core xFixtures Module - Multi Post **715 €**

If you need to control the placement, position, and movement of your machinery's fixtures and clamps within your CAM system, xFixtures is the multiplier for you. Add fixtures to your drawings with drag and drop ease, utilize robust simulation to visualise the placement and motion of your fixtures and materials, or take advantage of features for automatic pod and rail positioning. xFixtures puts you in control.

OPA0084 Alphacam Core xConstraints Module - One Post **1.025 €**

OPA0094 Alphacam Core xConstraints Module - Multi Post **1.425 €**

Parametric part programming can save you hours of time and eliminate errors by creating rules for how certain part attributes are affected when other attributes change. xConstraints gives you the full set of tools and commands to take full advantage of constraints, allowing you to program smart parts with ease.

OPA0085 Alphacam Core xAPI Module - One Post **510 €**

OPA0095 Alphacam Core xAPI Module - Multi Post **715 €**

ALPHACAM's xAPI multiplier allows you to tap into our powerful CAM engine utilising standard programming languages to extend and customise the way the software functions. Whether you are looking to create applications that streamline your manufacturing operations, or developing unique programs for custom manufacturing applications, xAPI allows you to take full advantage of the power of ALPHACAM.

OPA0086 Alphacam Core xRobotics Module - One Post **1.025 €**

OPA0096 Alphacam Core xRobotics Module - Multi Post **1.425 €**

If you are working with solid models, xSolids provides the tools you need to import, prepare, and process your files for manufacture. xSolids handles nearly all types of solid models and assemblies, and gives you the ability to automatically recognize features, extract geometries, and apply toolpaths.

OPA0019 Alphacam Network License Module **%25**

This module use for Alphacam license more than single machine at the same time. To use license actively the PC that Alphacam dongle activated and 2nd PC has to work in same network

OPA0028 Alphacam Aspire Program **4.790 €**

Alphacam Aspire is a special program which is developed for three dimensional carving. It converts all types of 2D design into 3D designs and it enables machining by converting the photos into 3D dimensions.



SOFTWARE OPTIONS

OPA0009

Alphacam Cabinet Door Manufacturing(CDM)

4.990 €

Alphacam Cabinet Door Manufacturing (CDM) is an innovative panel door program for Alphacam. It enables door manufacturers to take full advantage of Alphacam, the comprehensive and fully-featured CAD/CAM system for use with Microsoft Windows platforms.CDM also has an order-entry facility which provides information for built in, fully-customizable bar coding and part-labeling functions

*This option requires OPA077 – Alphacam Core – One Post or upper level program, if necessary xPositional or another modules has to be added.

OPA0074

Alphacam Labelling Package

2.200 €

Package is the subpackage of the Alphacam program used to print labels. Labeling program allows the CNC operator to produce labels for parts on the program and print them with the help of a screen and printer. This program offers an ideal solution for nesting-based production.Package is a sub-package of the Alphacam used to generate cutting data for CNC Routers, CNC Machining Centers and CNC Drilling Machines.

*This option requires OPA077 – Alphacam Core – One Post or upper level program.

OPA0015

AES Windoor Macro Door Program

1.980 €

AES Windoor program is a parametric macro door program which is working integrated with Alphacam software. Ready macro designs inside of the program processing directly after change dimensions.

*This option requires OPA077 – Alphacam Core – One Post + OPA079 - xPositional modules or upper level programs.

OPA0016

AES Door Macro Program

1.980 €

AES Door program is a parametric macro cabinet door program which is working integrated with Alphacam software. Ready macro designs inside of the program processing directly after change dimensions.

*This option requires OPA077 – Alphacam Core – One Post + OPA079 - xPositional modules or upper level programs.



SOFTWARE OPTIONS

OPA0017	AES Drill Macro Program	1.980 €								
	<p>AES Drill program is a parametric macro drilling program which is working integrated with Alphacam software. It can create drilling applications from ready macros within program.</p> <p>*This option requires OPA077 – Alphacam Core – One Post + OPA079 - xPositonal modules or upper level programs.</p>									
OPA0020	AES Post Processor (2 Axis)	1.750 €								
	<p>This option is use for if customer already has an Alphacam/CV license and would like to use this license with AES machines. Cost of post processor only for single machine.</p> <p>If program would like to buy seperately, Alphacam program cost include the machine price reduced and this cost added.</p>									
OPA0029	AES Post Processor (3 Axis)	2.850 €								
	<p>This option is use for if customer already has an Alphacam/CV license and would like to use this license with AES machines. Cost of post processor only for single machine.</p> <p>If program would like to buy seperately, Alphacam program cost include the machine price reduced and this cost added.</p>									
OPA0030	AES Post Processor (5 Axis)	8.350 €								
	<p>This option is use for if customer already has an Alphacam/CV license and would like to use this license with AES machines. Cost of post processor only for single machine.</p> <p>If program would like to buy seperately, Alphacam program cost include the machine price reduced and this cost added.</p>									
OPA0025	Cabinet Vision Labelling Package(CNC Routers)	8.535 €								
	<table><tr><td>Cabinet Vision Core Cabinets</td><td>3.060 €</td></tr><tr><td>Cabinet Vision Core Cabinet xMachining Module (S2M Center)</td><td>2.470 €</td></tr><tr><td>Cabinet Vision Core Cabinet xMachining Module Labelling Package</td><td>1.770 €</td></tr><tr><td>Cabinet Vision Core Cabinet xMachining Module CNC Router Package</td><td>1.235 €</td></tr></table>	Cabinet Vision Core Cabinets	3.060 €	Cabinet Vision Core Cabinet xMachining Module (S2M Center)	2.470 €	Cabinet Vision Core Cabinet xMachining Module Labelling Package	1.770 €	Cabinet Vision Core Cabinet xMachining Module CNC Router Package	1.235 €	
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Cabinet Vision Core Cabinet xMachining Module Labelling Package	1.770 €									
Cabinet Vision Core Cabinet xMachining Module CNC Router Package	1.235 €									
OPA0036	CV Core Cabinets	3.060 €								
	<p>Cabinet Vision Core Cabinets is a design and production software that allows you to design your kitchen cabinet or cabinet modules in detail. Core Cabinets automatically creates project drawings, 3D renderings, material requirements, cut lists and forecast data. Sketch your project graphically, complete your drawings and quickly analyze your costs. Prepare or change your designs in a short time thanks to its parametric structure. Save your designs in your library.</p>									
OPA0037	CV Core Closets	2.530 €								
	<p>CaCabinet Vision Core Closets is a design and production software that allows you to design your kitchen cabinet or cabinet modules in detail. Core Closets automatically creates project drawings, 3D renderings, material requirements, cut lists and forecast data. Sketch your project graphically, complete your drawings and quickly analyze your costs. Prepare or change your designs in a short time thanks to its parametric structure. Save your designs in your library. structure. Save your designs in your library.</p>									



SOFTWARE OPTIONS

OPA0038

CV Core xCAD Module

1.765 €

Cabinet Vision x2D CAD module is a module used for 2D CAD submission and shop drawings for architectural solutions. The x2D CAD module has a streamlined structure to send annotated drawings to architects or related subcontractors for design purposes. x2D CAD offers additional tools and services that can automatically receive updates from the live drawing.

OPA0039

CV Core xCAD Module Plugs in Package

530 €

Cabinet Vision Core Closets is a design and production software that The plug-ins package is a customized software package for commercial manufacturers to more easily solve delivery drawing difficulties. With this plug-in, more detailed optimizations can be performed with less data entry. It also allows you to make smart object and assembly optimization in cabinet production without the need for advanced settings via Cabinet Vision. The plug-in works as an add-on package for the x2D CAD module. It works together with this module.

OPA0040

CV Core xBidding Module

1.235 €

Cabinet Vision xBidding Module allows you to make detailed offer analysis at costing and bidding stages. With the help of the module, project costing is done in the most accurate way, and full control over costs is achieved with profitability analysis. A full cost analysis can be made with labor, material and additional expense definitions. It works with automatic corrections instead of getting costs from scratch in project changes with smart pricing methods. The module is offered as an advanced and customized version of the standard bidding feature in the Core package.

OPA0041

CV Core xBidding Module Catalog Editor Package

530 €

The plug-in allows CV users to create their own custom modular catalog. Predefined settings can be transferred in the modular catalog. It allows the creation of a distributable catalog by transferring details such as materials, plans, cabinets and drawers, profiles, connection methods and part pricing in the catalog. It protects your design data by preventing the created catalog from being changed and copied after distribution. This package works as a plug-in to the bidding module.

OPA0042

CV Core xBench Module

1.235 €

With the help of the module, bench production can also be carried out as an uninterrupted production integrated with cabinet and kitchen production. The module works fully integrated with the CV Core structure, allowing you to create projects in full compliance with the connection structure used in cabinets and drawers. The machine module calculates the cut lists for the machines, automatically updates the settings required to transfer design changes to production, and makes it easy to apply pull bolt, alignment holes and other operations on the machine. Provides general control over the cost of all structures.



SOFTWARE OPTIONS

OPA0043

CV Core xCRM Module

1.235 €

It is a customer relations module where xCRM Cabinet Vision can manage customer, dealer and supplier relations. The module allows easy management of projects according to customers by creating customer lists. The module creates a central management system by matching the project with the customer. It has an easy-to-use and understandable interface for timely and complete delivery of projects.

OPA0044

CV Core xOptimization Module

705 €

The xOptimization module allows you to make optimum use of material by automatically optimizing panel sizing machines. The system also allows manual cutting optimization. CV integration and saw attachment allow cutting lists to be sent directly to the panel sizing machine as a work list. The module plotter can also be sent manually to the lying circle.

OPA0045

CV Core xRender Module

705 €

The xRender module is an additional module of the CV Core system used to prepare high-level presentations for customers by preparing realistic renderings. Thanks to the latest technology, it allows you to prepare renders that you can present to your customers within minutes. With realistic renderings, the finished project can be viewed in the most accurate way.

OPA0046

CV Core xRender Module Tour Package

530 €

With this feature, which is an additional package of the CV Core + Render module, the real-time rendered project can be navigated to make a presentation to the customer. Project details can be shown to the client as real-time rendering.

OPA0047

CV Core xReporting Module

1.770 €

xReporting section allows you to get detailed reports for your projects with more than 150 ready-made reporting systems and customizable reporting editor. Thanks to the module, it can get reports on different parameters with a single click. Working integrated with Cabinet Vision, the module automatically tracks updates and allows instant reporting.

OPA0048

CV Core xShaping Module

1.770 €

xShaping module is used to design special shaped cuts such as corner cuts, notch trimming, finger notch etc. Not all parts in designs include straight cuts, in some cases it requires angled cuts to have irregular shapes in the design. The module allows to easily design these shapes parametrically. The module also provides easy access to the CAM editor to add workpieces such as plumbing holes etc.



SOFTWARE OPTIONS

OPA0049	CV Core xMachining(S2M) Module	2.470 €
	<p>xMachining module is a CAM module that allows designs to be converted into G codes and prepared for machining. It enables integrated production by sending a single design to different types of machines. It is a very advanced and flexible software that can prepare cutting data in a wide range of frames such as Module CNC Machining Center, CNC Router, CNC Drilling Machine, edge banding machine, beam saw machines, plotter and manual drilling machine. The module brings advanced features such as custom tool path assignment, tool path optimization.</p>	
OPA0050	CV Core xMachining(S2M) Module 3rd Party CAD Package	1.235 €
	<p>The package is an additional package of the xMachining module that enables cutting lists from 3rd party CAD software and DXF files. It is used in cases where data transfer from a different program is required in designs.</p>	
OPA0051	CV Core xMachining(S2M) Module 3rd Party CAM Package	1.235 €
	<p>The package is an additional package of the xMachining module that allows to output the cut list as DXF file for use in 3rd party CAM software. It is used in cases where data transfer to different programs is required in designs.</p>	
OPA0052	CV Core xMachining(S2M) Module Sliding Table Package	1.235 €
	<p>Package is an additional package of the xMachining module used to create cutting lists for sliding table and other types of machines used for manual cutting.</p>	
OPA0053	CV Core xMachining(S2M) Module Drill and Dowel Package	3.530 €
	<p>Package is an additional package of the xMachining module for creating cut lists on manual drilling machine and dowel machines.</p>	
OPA0054	CV Core xMachining(S2M) Module Labelling Package	1.770 €
	<p>Package is the subpackage of the xMachining module used to print labels. Label IT technology allows the CNC operator to produce labels for parts on the program and print them with the help of a screen and printer. This program offers an ideal solution for nesting-based production.</p>	
OPA0055	CV Core xMachining(S2M) Module Material Handling Package	3.530 €
	<p>xPackage is a sub-package that provides the data flow required for the xMachining module to work integrated with automatic storage systems. It provides integration in the processing of the material from the storage system.</p>	
OPA0056	CV Core xMachining(S2M) Module PTP and Boring Mac.Pack.	1.235 €
	<p>xMachining module is a CAM module that allows designs to be Package is a sub-package of the xMachining module used to generate cutting data for Point to Point(Console Table) machines and Boring machines.</p>	



SOFTWARE OPTIONS

OPA0057

CV Core xMachining(S2M) Module CNC Router Package

1.235 €

Package is a sub-package of the xMachining module used to generate cutting data for CNC Routers.

OPA0058

CV Core xMachining(S2M) Module Beam Saw Package

1.235 €

Package is a sub-package of the xMachining module used to generate cutting data for Beam Saw machines.

OPA0059

CV Core xMachining(S2M) Module Parts List Export Package

1.235 €

Package is a subpackage for the xMachining module to output as a cut file, custom cut file or PNL.

OPA0060

CV Core xMachining(S2M) Module Simulation Package

705 €

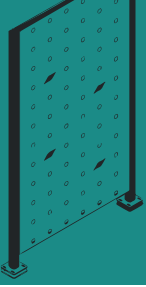
Package is a sub module of the xMachining module that shows the cutting simulation of the parts to be cut. With the simulation feature, you can see the errors and minimize the time and material losses.

OPA0061

CV Core xMachining(S2M) Module Special Machine Package

1.235 €

Package is a sub-package of the xMachining module used to generate cutting data for special machines. es.



SAFETY SYSTEM OPTIONS

OPA0100	Safety Mats (4 Pcs)	3.460 €
	1x1,5mt dimensions(4 Pcs) , adoptable maximum power 60 kg/cm ² , IP65 Protection degree, 10mm maximum thickness	
OPA0101	Safety Mats (5 Pcs)	4.325 €
	1x1,5mt dimensions(5 Pcs) , adoptable maximum power 60 kg/cm ² , IP65 Protection degree, 10mm maximum thickness	
OPA0103	Safety Mats (6 Pcs)	5.190 €
	1x1,5mt dimensions(6 Pcs) , adoptable maximum power 60 kg/cm ² , IP65 Protection degree, 10mm maximum thickness	
OPA0102	Safety Lights (Set)	1.950 €
	Safety lights set ; absorbing 0.4 mA maximum, activation time >30ms, protection degree IP65	
OPA0104	Safety Fence	155 €
	Safety Fence - 1000x1750mm dimensions per piece, thickness 4mm	
OPA0106	Bumper System	4.100 €
	The system provides maximum operator safety by preventing unauthorized access to the machine work area. The unit is used instead of light barrier or safety mats to gain working space. With this option, machine operating speeds are reduced to 25m / min according to CE regulations. When used with the light barrier or safety mat options, the machine can be operated at its original speed, instead of its current speed of 25m / min.	
OPA0108	Safety Area Scanner System	6.200 €
	The system provides maximum operator safety by preventing unauthorized access to the machine work area. The system protects the area by area scanner laser device.	



OTHER ACCESSORIES

OPA0500

30kva UPS Unit

4.640 €



30kva UPS power, auto soft start, short circuit and overload protection - %125 load 10min., %150 load 1m

OPA0501

40kva UPS Unit

5.870 €

40kva UPS power, auto soft start, short circuit and overload protection - %125 load 10min., %150 load 1m

OPA0502

60kva UPS Unit

11.260 €

60kva UPS power, auto soft start, short circuit and overload protection - %125 load 10min., %150 load 1m

OPA0503

80kva UPS Unit

13.230 €

80kva UPS power, auto soft start, short circuit and overload protection - %125 load 10min., %150 load 1m

OPA0521

30kva Regulator Unit

1.385 €



30kva servo regulator, output voltage tolerance < %1,5, regulation of speed ratio 90v/sec., input voltage pitch, 275/450VAC 3F+N, 242/415 VAC, 208/415VAC

OPA0522

45kva Regulator Unit

1.850 €

45kva servo regulator, output voltage tolerance < %1,5, regulation of speed ratio 90v/sec., input voltage pitch, 275/450VAC 3F+N, 242/415 VAC, 208/415VAC

OPA0523

60kva Regulator Unit

2.470 €

60kva servo regulator, output voltage tolerance < %1,5, regulation of speed ratio 90v/sec., input voltage pitch, 275/450VAC 3F+N, 242/415 VAC, 208/415VAC

OPA0526

80kva Regulator Unit

3.280 €

80kva servo regulator, output voltage tolerance < %1,5, regulation of speed ratio 90v/sec., input voltage pitch, 275/450VAC 3F+N, 242/415 VAC, 208/415VAC



OTHER ACCESSORIES

OPA0508	30kva Transformer (380-220VAC)	655 €
	30kva transformer, 220/60HZ/380VAC, 50/60 HZ, 3PH, DRY, TTY, IP00, Auto-Open Type	
OPA0509	30kva Transformer (380-400/415VAC)	680 €
	30kva transformer, 415/400/380VAC, 50/60 HZ, 3PH, DRY, TTY, IP00, Auto-Open Type.	
OPA0510	30kva Multitap Transformer (Multitap)	2.570 €
	30kva multitap transformer, N-208-230-480VAC, 50/60 HZ, 3PH, DRY, TTY, IP00, Auto-Open Type	
OPA0511	40kva Transformer (380-220VAC)	710 €
	40kva transformer, 220/60HZ/380VAC, 50/60 HZ, 3PH, DRY, TTY, IP00, Auto-Open Type	
OPA0512	40kva Transformer (380-400/415VAC)	710 €
	40kva transformer, 415/400/380VAC, 50/60 HZ, 3PH, DRY, TTY, IP00, Auto-Open Type	
OPA0513	40kva Multitap Transformer (Multitap)	2.785 €
	40kva multitap transformer, N-208-230-480VAC, 50/60 HZ, 3PH, DRY, TTY, IP00, Auto-Open Type	
OPA0514	50kva Transformer (380-220VAC)	790 €
	50kva transformer, 220/60HZ/380VAC, 50/60 HZ, 3PH, DRY, TTY, IP00, Auto-Open Type	
OPA0515	50kva Transformer (380-400/415VAC)	815 €
	50kva transformer, 415/400/380VAC, 50/60 HZ, 3PH, DRY, TTY, IP00, Auto-Open Type	
OPA0516	50kva Multitap Transformer (Multitap)	3.010 €
	50kva multitap transformer, N-208-230-480VAC, 50/60 HZ, 3PH, DRY, TTY, IP00, Auto-Open Type	
OPA0517	60kva Transformer (380-220VAC)	920 €
	60kva transformer, 220/60HZ/380VAC, 50/60 HZ, 3PH, DRY, TTY, IP00, Auto-Open Type	
OPA0518	60kva Transformer (380-400/415VAC)	970 €
	60kva transformer, 415/400/380VAC, 50/60 HZ, 3PH, DRY, TTY, IP00, Auto-Open Type	
OPA0519	60kva Multitap Transformer (Multitap)	3.675 €
	60kva multitap transformer, N-208-230-480VAC, 50/60 HZ, 3PH, DRY, TTY, IP00, Auto-Open Type	



OTHER ACCESSORIES

OPA0503

Air Compressor + Dryer (500m³/h)

3.255 €

500m³/h air compressor with dryer, 5,5kW | 7.5 HP motor power.



OPA0504

Chiller Unit for Liquid Cooling

3.250 €

This unit has been used for cooling Spindle motor and Boring unit which has liquid cooling options.

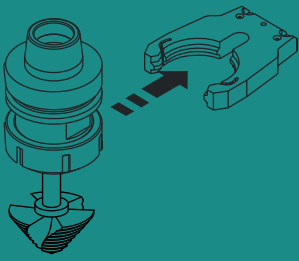


OPM310800

Electrical Panel Cooling Unit

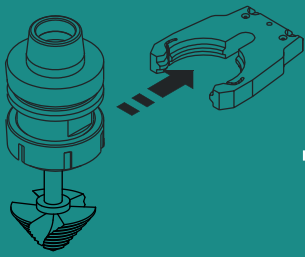
2.060 €

Electric Panel cooling unit is used to balance the temperature in the machine electrical panel. With the help of the unit, the temperature inside the panel is kept stable and the machine works longer and more efficiently. The unit works with a capacity of 850W



TOOL KITS & COLLETS & HOLDERS

OPA0701 Nesting / Sizing Starter Kit(Leitz)		1.160 €
	91265 DIA Routing ; Ø12; Length 70 ; Cutting Length 22 ; For Sizing ; Z1+1	1 pcs 235 €
	42932 Razor Routing ; Ø30; Length 90 ; Cutting Length 15 ; Writing Tool ; Z1	1 pcs 185 €
	41551 Razor Routing ; Ø80; Length 90 ; Cutt. Length 12 ; For table cleaning; Z1	1 pcs 370 €
	FFD4001 DIA Routing ; Ø9 ; Length 90 ; Cutting Length 18 ; Z2 ; R2+For Sizing	1 pcs 370 €
OPA0702 Furninute Applications Starter Kit(Leitz)		1.159 €
	33440 Half Drill Bit ; Ø5 ; Length 70 ; Left Rotation	2 pcs 32 €
	33441 Half Drill Bit ; Ø5 ; Length 70 ; Left Rotation	2 pcs 32 €
	33446 Half Drill Bit ; Ø8 ; Length 70 ; Left Rotation	1 pcs 17 €
	33447 Half Drill Bit ; Ø8 ; Length 70 ; Right Rotation	1 pcs 17 €
	33448 Half Drill Bit ; Ø10 ; Length 70 ; Left Rotation	1 pcs 19 €
	33449 Half Drill Bit ; Ø10 ; Length 70 ; Right Rotation	1 pcs 19 €
	34074 Sharp Drill Bit ; Ø5 ; Length 70 ; Left Rotation	1 pcs 25 €
	34075 Sharp Drill Bit ; Ø5 ; Length 70 ; Right Rotation	1 pcs 25 €
	34076 Sharp Drill Bit ; Ø8 ; Length 70 ; Left Rotation	1 pcs 30 €
	34077 Sharp Drill Bit ; Ø8 ; Length 70 ; Right Rotation	1 pcs 30 €
	34663 Half Drill Bit ; Ø15 ; Length 70 ; Left Rotation	1 pcs 50 €
	34664 Half Drill Bit ; Ø15 ; Length 70 ; Right Rotation	1 pcs 50 €
	34814 Half Drill Bit ; Ø20 ; Length 70 ; Left Rotation	1 pcs 75 €
	34815 Half Drill Bit ; Ø20 ; Length 70 ; Right Rotation	1 pcs 75 €
	34816 Half Drill Bit ; Ø25 ; Length 70 ; Left Rotation	1 pcs 90 €
	34817 Half Drill Bit ; Ø25 ; Length 70 ; Right Rotation	1 pcs 90 €
34671 Half Drill Bit ; Ø35 ; Length 70 ; Left Rotation	1 pcs 60 €	
34672 Half Drill Bit ; Ø35 ; Length 70 ; Right Rotation	1 pcs 60 €	
41961 HM Router ; Ø9 ; Length 70 ; Cut. Length 18 ; Z2 ; For	1 pcs 98 €	
91265 Backboard DIA Router ; Ø12; Length 70 ; Cut. Length 22 ; For Sizing	1 pcs 265 €	
OPA0706 Tools Holders / Collets Kit		
	WF224 HSK F63 ER40 Tool Holder	1 pcs 79,00 €
	99942D ER40 Series / ø10mm Collet	1 pcs 12,60 €
	99944F ER40 Series / ø12mm Collet	1 pcs 12,60 €
	99946H ER40 Series / ø14mm Collet	1 pcs 12,60 €
	99948M ER40 Series / ø16mm Collet	1 pcs 12,60 €
	99950P ER40 Series / ø18mm Collet	1 pcs 12,60 €
	99952R ER40 Series / ø20mm Collet	1 pcs 12,60 €



TOOL KITS & COLLETS & HOLDERS

OPA0735 Furniture Applications Basic Kit(AES by ITA Tools)

671 €

WN1.050.035.070.00R	Half Drill Bit; Ø5;	Length 70;	Right Rotation	2 pcs	16 €
WN1.050.035.070.00L	Half Drill Bit; Ø5;	Length 70;	Left Rotation	2 pcs	16 €
WN1.080.035.070.00R	Half Drill Bit; Ø8;	Length 70;	Right Rotation	1 pcs	9 €
WN1.080.035.070.00L	Half Drill Bit; Ø8;	Length 70;	Left Rotation	1 pcs	9 €
WN1.100.035.070.00R	Half Drill Bit; Ø10;	Length 70;	Right Rotation	1 pcs	10 €
WN1.100.035.070.00L	Half Drill Bit; Ø10;	Length 70;	Left Rotation	1 pcs	10 €
WP1.050.035.070.00R	Sharp Drill Bit; Ø5;	Length 70;	Right Rotation	1 pcs	12 €
WP1.050.035.070.00L	Sharp Drill Bit; Ø5;	Length 70;	Left Rotation	1 pcs	12 €
WP1.080.035.070.00R	Sharp Drill Bit; Ø8;	Length 70;	Right Rotation	1 pcs	15 €
WP1.080.035.070.00L	Sharp Drill Bit; Ø8;	Length 70;	Left Rotation	1 pcs	15 €
WN2.080.027.057.00R	Half Drill Bit; Ø8;	Length 57;	Right Rotation	1 pcs	16 €
WN2.080.027.057.00L	Half Drill Bit; Ø8;	Length 57;	Left Rotation	1 pcs	16 €
WZ1.150.070.02R	Half Drill Bit; Ø15;	Length 70;	Right Rotation	1 pcs	25 €
WZ1.150.070.02L	Half Drill Bit; Ø15;	Length 70;	Left Rotation	1 pcs	25 €
WZ1.200.070.02R	Half Drill Bit; Ø20;	Length 70;	Right Rotation	1 pcs	35 €
WZ1.200.070.02L	Half Drill Bit; Ø20;	Length 70;	Left Rotation	1 pcs	35 €
WZ1.250.070.02R	Half Drill Bit; Ø25;	Length 70;	Right Rotation	1 pcs	45 €
WZ1.250.070.02L	Half Drill Bit; Ø25;	Length 70;	Left Rotation	1 pcs	45 €
WZ1.350.070.02R	Half Drill Bit; Ø35;	Length 70;	Right Rotation	1 pcs	30 €
WZ1.350.070.02L	Half Drill Bit; Ø35;	Length 70;	Left Rotation	1 pcs	30 €
912.09.018.070.10R	HM Router; Ø9;	Length 70;	Cut. Length 18; Z2; For Backboard	1 pcs	65 €
DTA.12.025.12.0SSRA	HM Router; Ø12;	Length 70;	Cut. Length 22; For Sizing ; Z1+1	1 pcs	85 €
PDA.120035030.002	Saw Blade for CNC	HM:120x4x35;	WZ/FZ; Z35	1 pcs	95 €

OPA0736 Furniture Applications Advanced Kit(AES by ITA Tools)

751 €

WN1.050.035.070.00R	Half Drill Bit; Ø5;	Length 70;	Right Rotation	2 pcs	16 €
WN1.050.035.070.00L	Half Drill Bit; Ø5 ;	Length 70;	Left Rotation	2 pcs	16 €
WN1.080.035.070.00R	Half Drill Bit; Ø8 ;	Length 70;	Right Rotation	1 pcs	9 €
WN1.080.035.070.00L	Half Drill Bit; Ø8 ;	Length 70;	Left Rotation	1 pcs	9 €
WN1.100.035.070.00R	Half Drill Bit; Ø10;	Length 70;	Right Rotation	1 pcs	10 €
WN1.100.035.070.00L	Half Drill Bit; Ø10;	Length 70;	Left Rotation	1 pcs	10 €
WP1.050.035.070.00R	Sharp Drill Bit; Ø5;	Length 70;	Right Rotation	1 pcs	12 €
WP1.050.035.070.00L	Sharp Drill Bit; Ø5;	Length 70;	Left Rotation	1 pcs	12 €
WP1.080.035.070.00R	Sharp Drill Bit; Ø8;	Length 70;	Right Rotation	1 pcs	15 €
WP1.080.035.070.00L	Sharp Drill Bit; Ø8;	Length 70;	Left Rotation	1 pcs	15 €
WN2.080.027.057.00R	Half Drill Bit; Ø8;	Length 57;	Right Rotation	1 pcs	16 €
WN2.080.027.057.00L	Half Drill Bit; Ø8;	Length 57;	Left Rotation	1 pcs	16 €
WZ1.150.070.02R	Half Drill Bit; Ø15;	Length 70;	Right Rotation	1 pcs	25 €
WZ1.150.070.02L	Half Drill Bit; Ø15;	Length 70;	Left Rotation	1 pcs	25 €
WZ1.200.070.02R	Half Drill Bit; Ø20;	Length 70;	Right Rotation	1 pcs	35 €
WZ1.200.070.02L	Half Drill Bit; Ø20;	Length 70;	Left Rotation	1 pcs	35 €
WZ1.250.070.02R	Half Drill Bit; Ø25;	Length 70;	Right Rotation	1 pcs	45 €
WZ1.250.070.02L	Half Drill Bit; Ø25;	Length 70;	Left Rotation	1 pcs	45 €
WZ1.350.070.02R	Half Drill Bit; Ø35;	Length 70;	Right Rotation	1 pcs	30 €
WZ1.350.070.02L	Half Drill Bit; Ø35;	Length 70;	Left Rotation	1 pcs	30 €
912.09.018.070.10R	HM Router; Ø9;	Length 70;	Cut. Length 18; Z2; For Backboard	1 pcs	65 €
DTA.12.025.12.0SSRA	DIA Router; Ø12;	Length 70;	Cut. Length 22; For Sizing; Z1+1	1 pcs	165 €
PDA.120035030.002	Saw Blade for CNC	HM:120x4x35;	WZ/FZ; Z35	1 pcs	95 €