



20+ YEARS OF
TECHNOLOGICAL
SOLUTIONS



We will be glad to cooperate!

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SMART SOLUTIONS FOR RETAIL

PRODUCT CATALOG 2026



PERFECTION in every vending **SOLUTION.**
Innovation. Customization. Time.

Since 2003



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ABOUT AVANGARD

AVANGARD is a Ukrainian manufacturer of reliable equipment for the banking, payment, and retail sectors, with over 22 years of experience. AVANGARD machines are not your typical vending machines. They are «smart» retail systems designed to enhance customer convenience and boost business efficiency.

OUR MISSION

CREATE A CONVENIENT AND EFFICIENT FUTURE.

Where every person can take what they needs here and now, enjoying life, without wasting time waiting!

We are committed to a future where shopping is fast, easy and enjoyable. We keep improving our products to provide the best customized solutions in automated trading.

AVANGARD is part of the Karbon Group of companies, established in 1997, a leader in Ukraine's telecommunications and energy markets.

WHAT SETS US APART?

At Avangard, we stand out from other vending machine manufacturers because we don't just sell standard models. All our machines are fully customizable and can be tailored to the needs of your business.

Our in-house manufacturing capabilities allow us to directly control product quality at every stage of production, from raw material selection to the finished product. Our commitment to quality is backed by ISO and CE certifications.

With AVANGARD, you gain more than just equipment – you gain a technological edge for your business.



Video



OUR PROJECTS





PRODUCT **ADVANTAGES**

The AVANGARD model range is represented by 5 lines of modular trading machines. They easily combine with each other to create a complex of automated sales (smartshop).



FUNCTIONAL

- Possibility to connect up to 32 vending machines to payment module/master machine
- Cash/non-cash contactless payment
- Simultaneous purchase of several items
- Elevator and refrigerator options
- Remote control system, telemetry
- Multilingual user-friendly interface
- Touch monitor, broadcasting commercials
- Integration with other IT systems

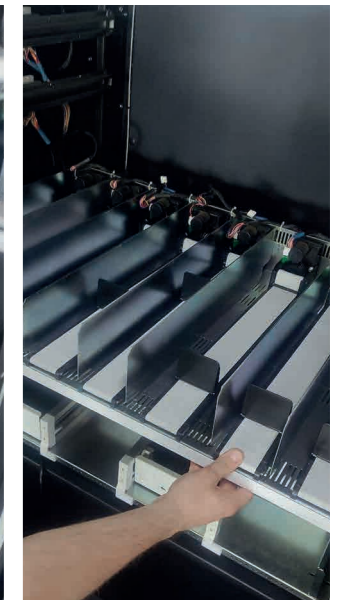
MACHINE BODY

- Anti-vandal protection – 1.0-1.2 mm thick steel body, special lock design, anti-phishing system
- Powerful double-chamber tempered glass
- Reliability – internal mechanism with a galvanic covering, stainless steel elements, an anticorrosive powder covering

AVANGARD machines are a blend of reliability, cutting-edge technology, and maximum convenience for your business.

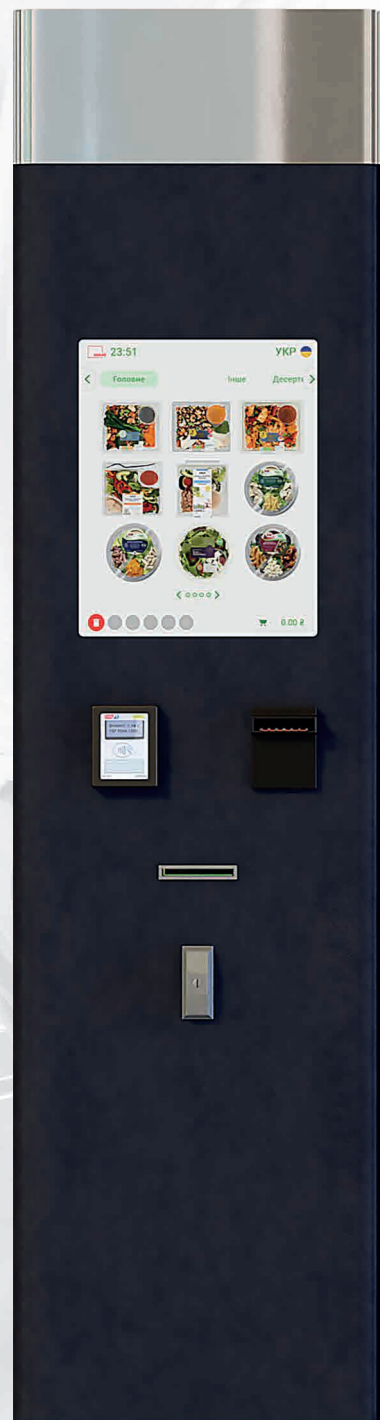


We've assisted more than **1000** clients, both with standard solutions and unique ones, which have resulted in a positive synergy of collaborative work with the client across **9** countries worldwide. Over the span of these two decades, we've successfully manufactured and delivered more than **20,500** devices, providing support during and after the warranty period.



PROPRIETARY SOFTWARE

AVANGARD Atomic SW – fully secured software, developed by AVANGARD specialists. Our software is always bundled with the vending machine, information or payment machine itself and is absolutely free for the future owner.

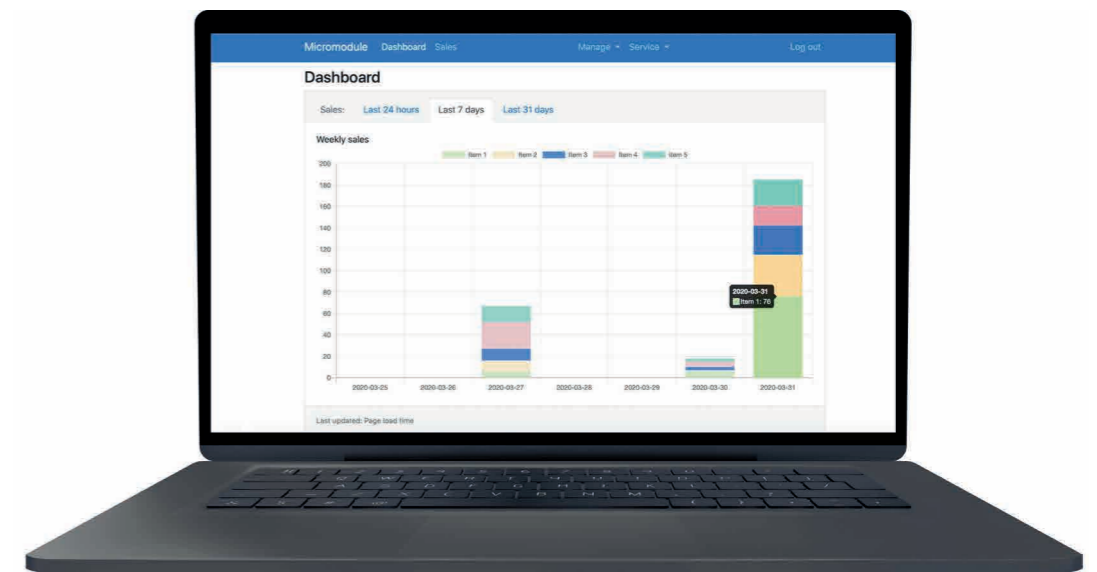


FUNCTIONAL

- Data transmission in real time
- Monitoring of product balances
- Sales monitoring, reporting
- Remote price change
- Remote goods dispensing
- Event log for each machine
- Control of temperature and storage terms
- Remote management of advertising and product information
- Marketing statistics

In contrast to the typical vending machines out there, AVANGARD machines offer a multi-purchase feature, enabling customers to grab several items in just one go.

The only limitation will be the delivery tray, so that the buyer can comfortably pick up his goods.



Sales

Limit: 0 From: 2020-03-02 to: 2020-03-02 Search

#	Date and time	Total	Paid	Item(s)
1	2020-03-02			Power bank 10 000 mAh
2	2020-03-02			Кабель живлення 2м USB Type-C
3	2020-03-02			JBL Наушники
	2020-03-02			Світлодіод

Items

Import Export

Edit Item

Hidden

Name (Українська): Кабель живлення 2м USB Type-C

Description (Українська):

Price: 199

SKU: Кабель_живлення_2м_USB_Type-C

Languages

This item is only editable from remote server.

Edit Language

Language: Українська

Usage sessions

Select a date range: 08.08.2024 - 08.08.2024 Today

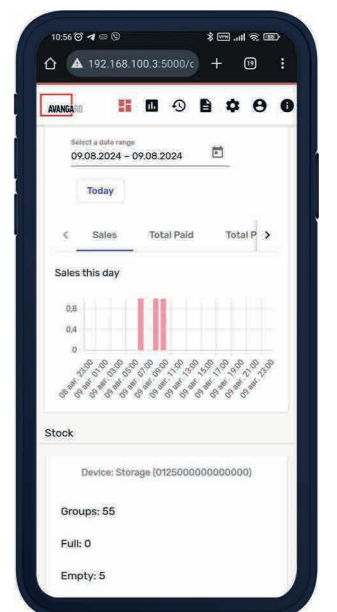
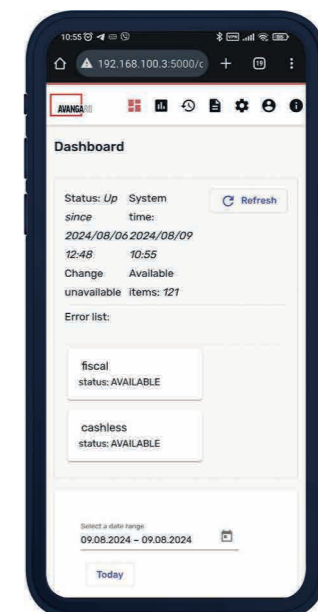
Id	Date	Duration	Interaction count
TyQvR2S4tSGDxF4wG	08/08/24 11:19	1 min 54 sec	12
EHK2Mv-TQz7NDovH5ZQ	08/08/24 11:17	1 min 2 sec	10
AmP5Bm8mFz2Hbgr4UDmHg	08/08/24 07:35	2 min 26 sec	7
rxMPAvUOnqFN7Mdv7ug	08/08/24 07:04	3 min 30 sec	1

Sales

Select a date range: 08.08.2024 - 08.08.2024 Today

Date	Total Paid	Total Items	Transaction	Sold Items
08/08/24 11:18	24	24	Cashless: 24	Ханка_Фанта_Оранже_0.33л: 24 x 1
08/08/24 11:17	26	26	Cashless: 26	Моринська_Лимонас_Грейпфрут_: 26 x 1
08/08/24 07:35	22	22	Cashless: 22	Snickers: 22 x 1

Management panel



All our machines are connected to Telemetry which allows to monitor sales statistics, the stock status, the fridge temperature ect.

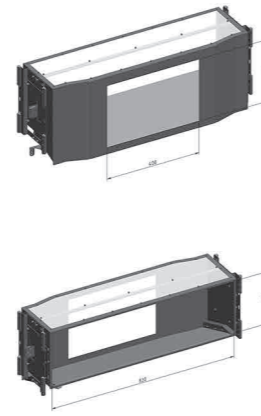
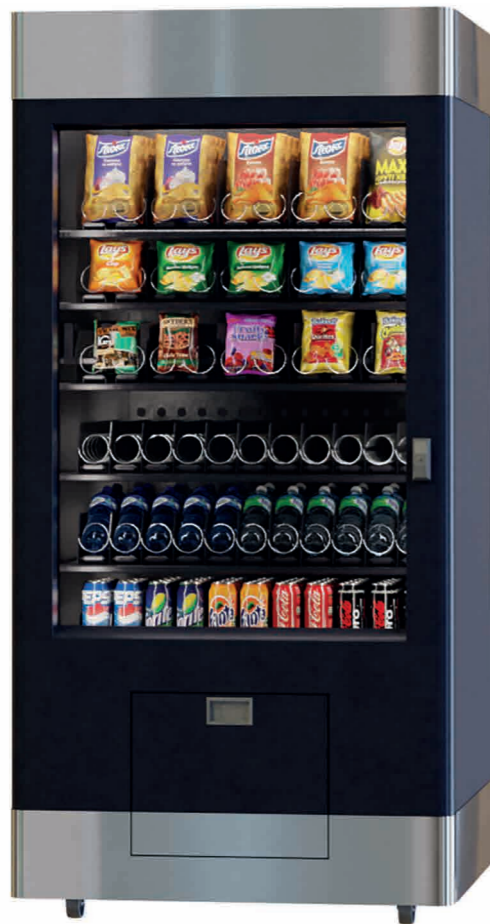


LIFT

The LIFT machine – thanks to its elevator mechanism, it can dispense any items, even those requiring delicate handling (meals, drinks in glass containers, electronics, etc.)

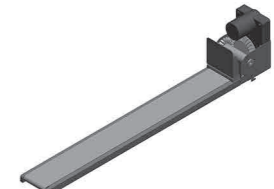
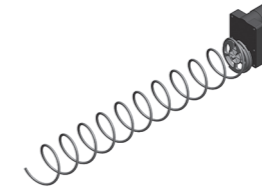
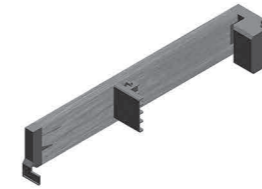


Video



Elevator system basket

- Max. quantity of goods 480 pcs
- Modular architecture – the ability to freely combine different models
- Connection of up to 32 machines to one selection and payment module
- Combination of different dispensing systems in one machine: conveyors, pushers, spirals
- Adjustable shelves height
- Lift dispensing system for delicate items
- Option of refrigeration/heating, maintaining the desired temperature
- Infrared product dispensing sensor
- Modern design, energy-efficient LED lighting
- Dispensing mechanisms made of galvanized steel
- Decorative elements made of stainless steel



Model LIFT	
Dimensions (HxWxD) (mm)	1830 x 1000 x 1000
Weight (kg)	367
Shelves numbers	from 6 or customised
Dimensions shelves WxD (mm)	850 x 500
Power supply	223 – 230 W, 50 HZ
Max. consumption (Watt)	50 without CU 400 with CU
Terms of use	T= +10...+25°C, RH<70%
Options	<ul style="list-style-type: none"> • Cooling unit (CU) 350 W • Height 2060 mm, + 1-2 shelves • Stainless steel decorative panels • Height 2060 mm • Wheels instead of legs
Customisation	<ul style="list-style-type: none"> • Choosing the colour and type of paint • Different forks of the dispensing system in one machine due to laser control in the Elevator System • Logo can be created in different versions

CRYSTAL

Flower vending machine for 23 compartments with built-in payment module and 19" screen without payment terminal, MDB and wireless communication module. The CRYSTAL machine is also good for selling gift sets, cosmetics, cakes and more.



- Solutions for selling a wide range of goods
- Modern design
- Power Led illumination with Energy Saving
- Built-in module of selection and payment
- Compartment opening sensors
- Cooling option
- Has the capability to print fiscal receipts
- Additional earning opportunities: include a touchscreen display for showcasing commercials

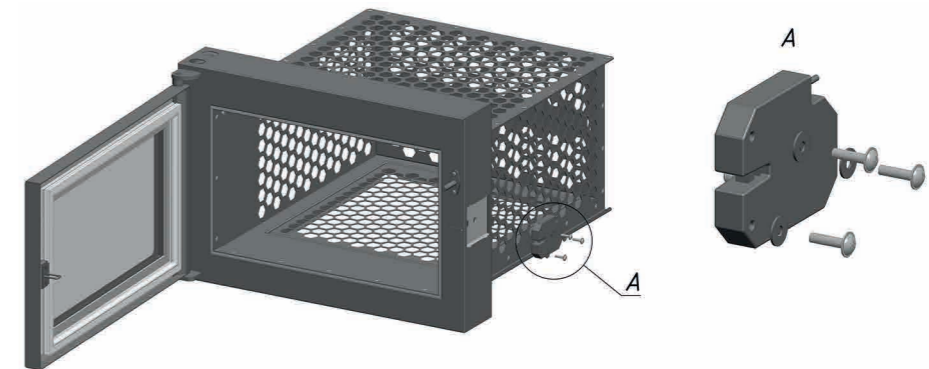


Model CRYSTAL	
Dimensions (HxWxD) (mm)	2415 x 1725 x 890
Weight (kg)	421
Cells numbers	23
Cells dimentions HxWxD (mm)	23: 330 x 270 x 330
Power supply	220 – 230 W, 50 HZ
Max. consumption (Watt)	200 witout CU 750 with CU
Terms of use	T= +10...+25°C, RH<70%
Options	<ul style="list-style-type: none"> • Cooling unit (CU) Power: 550 W Coling power: 1200 W +50 kg Inside temperature: 5...15 • Stainless steel decorative panels • Wheels instead of feet • MDB wafer • Wi-Fi router
Customisation	<ul style="list-style-type: none"> • 19" monitor and UPS integrated • Choosing the colour and type of paint • Production to customer's own dimensions is possible • Integration of monitors with other sizes is possible • Logo can be created in different versions • Different types of payment systems can be installed or prepared for installation: NFC, coins, banknotes, thermal printer, etc

LINK

Locker type vending machine with separate compartments and metal doors.

The Link vending machine can function as an automated postal station (parcel locker), serves as a hub for receiving and dispensing small shipments (orders from online stores and remote trading companies, document packages, corporate client shipments).

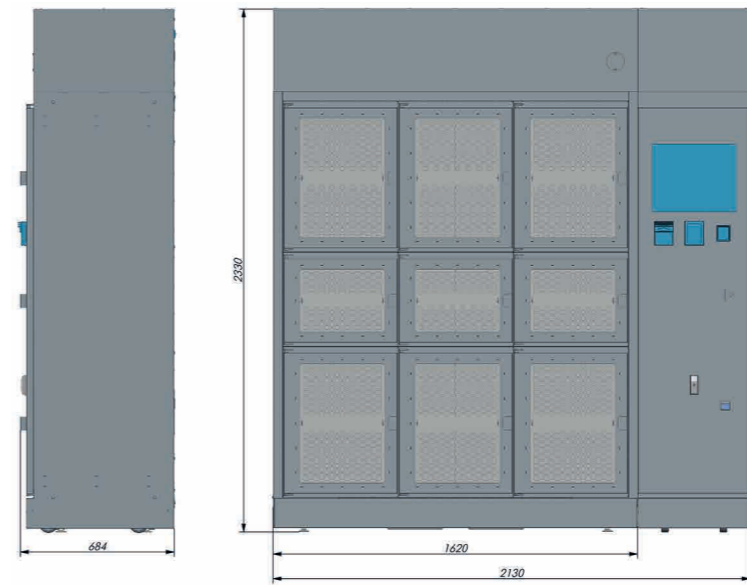
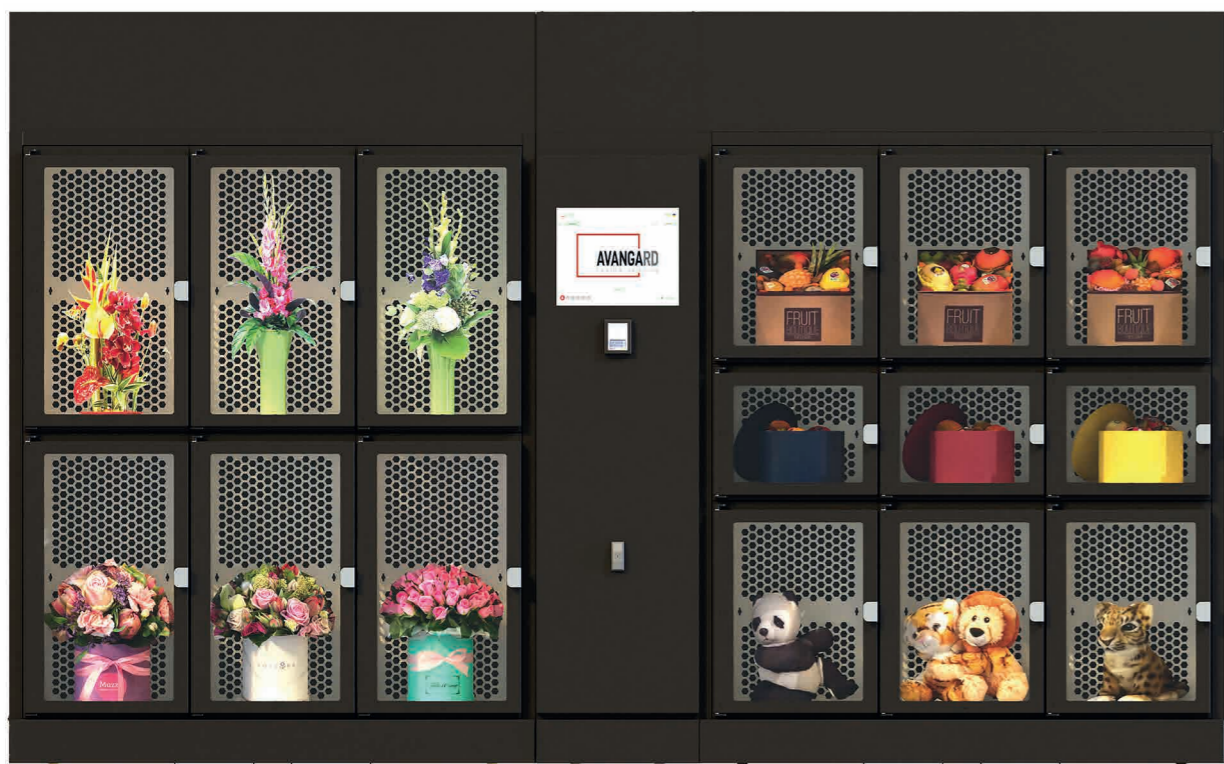


Model LINK	LINK 6	LINK 8	LINK 9	LINK 12	LINK 15	LINK 20
Dimensions (HxWxD) (mm)	2330x1620x685	2330x1620x685	2330x1620x685	2330x1620x685	2330x1620x685	2330x1620x685
Weight (kg)	407	306	432	461	484	514
Cells numbers	6	8	9	12	15	20
Cells dimentions HxWxD (mm)	6: 740x390x490	8: 300x320x490	6: 520x390x490 3: 280x390x490	12: 300x390x490	15: 210x390x490	20: 210x260x490
Power supply	220 – 230 W, 50 HZ					
Max. consumption (Watt)	50 witout CU 400 with CU					
Terms of use	T= +10...+25°C, RH<70%					
Options	<ul style="list-style-type: none"> • Cooling unit (CU) Power: 350 W Coling power: 850 W +50 kg Inside temperature: 5...15 • Stainless steel decorative top panels • Wheels instead of feet 					
Customisation	<ul style="list-style-type: none"> • Choosing the colour and type of paint • Production to customer's own dimensions is possible • Logo can be created in different versions 					



LINK GLASS

Link Glass – locker type machine with separate compartments and glass doors for visual assessment of goods.
 The system of separate cells reliably protects each goods.
 Electromechanical locks and refrigeration unit can be installed.
 Requires installation of a free-standing payment module or integration of TOUCH M into one of the cells.



At Avangard, we stand out from other vending machine manufacturers because we don't just sell standard models. All our machines are fully customizable and can be tailored to the needs of your business:

- adjust the size and number of cells (Link and Link Glass)
- install touch monitors of almost any size
- color, branding, additional equipment (for example, a roof for outdoor machines)

Model LINK GLASS	LINK GLASS 6	LINK GLASS 8	LINK GLASS 8	LINK GLASS 9	LINK GLASS 10	LINK GLASS 12	LINK GLASS 15	LINK GLASS 20					
Dimensions (mm)													
Height	2330	2330	2330	2330	2330	2330	2330	2330					
Width	1620	1000	1620	1620	2132	1620	1620	1620					
Depth	685	685	685	685	685	685	685	685					
Weight (kg)	411	306	431	419	538	443	468	494					
Cells numbers	6	8	8	9	10	12	15	20					
Cells dimentions (mm)	6: 740	8: 300	4: 520	2: 280	2: 740	6: 520	3: 280	4: 520	2: 280	4: 740	12: 300	15: 210	20: 210
Height	390	320	390	390	390	390	390	390	390	390	390	390	
Width	490	490	490	490	490	490	490	490	490	490	490	490	
Depth	220 – 230 W, 50 HZ												
Power supply	50 without CU 400 with CU												
Max. consumption (Watt)	T= +10...+25°C, RH<70%												
Terms of use	<ul style="list-style-type: none"> • Cooling unit (CU) Power: 350 W Coling power: 850 W +50 kg Inside temperature: 5...15 • Stainless steel decorative top panels • Wheels instead of feet 												
Options	<ul style="list-style-type: none"> • Choosing the colour and type of paint • Production to customer's own dimensions is possible • Logo can be created in different versions 												
Customisation													

AXON



A versatile and compact vending machine for the retail sale of several types of small goods

Thanks to its dimensions, it allows you to create an automatic point of sale that works 24/7 where there is no possibility of placing standard-sized machines

- at entrance groups to premises
- on stairwells
- near receptions
- in niches and near elevators

AXON	AXON 19W	AXON 32W	AXON 19F	AXON 32F
Monitor Diagonal (inches)	19	32	19	32
Dimensions (H x W x D) (mm)	1494x665x303		1853x665x303	
Weight (kg)	70		90	
Number of Tubes	from 8 to 12		from 8 to 18	
Power Supply	223-230 W, 50 HZ			
Maximum Power Consumption (W)	40			
Operating Conditions	Temperature: +10...+25°C, Humidity <70%			
Additional Options	<ul style="list-style-type: none"> • Stainless steel decorative panels • MDB • Wi-Fi router • RGB perimeter lighting • AXON W stand with wheels 			
Customization Options	<ul style="list-style-type: none"> • Choice of color and type of finish • Integration of monitors with different sizes • Logo design in various formats • Installation or preparation for various NFC systems • Age verification using ID card, passport, driver's license, or Girocard 			

CIGARETTE VENDING MACHINE

Vending machines for the sale of all types of cigarettes: traditional, electronic (vape), and IQOS

Our proprietary software, AVANGARD Atomic SW, allows remote control of:

- Machine operation
- Sales volumes
- Product assortment in each machine
- Marketing statistics

As an option, the machine can be equipped with an age verification system to restrict sales to individuals under 18, in accordance with European standards.

ADVANTAGES

- Stylish and modern design
- Seamlessly integrates into any interior
- Option to install on a special stand to protect the facades
- Minimal energy consumption





TOUCH 10, 19

Payment module for use with Link Glass, Link, and QUBE vending machines, as well as in combination with other vending machines in a smart-shop. The module has a monitor, a built-in computer, and the necessary wiring to integrate it with the corresponding vending machine. The module does not include a payment terminal, MDB, or wireless communication module, which is selected separately according to the order.



- Connection of up to 32 machines to one selection and payment module
- Based on a 64-bit computer
- Versatility of payment methods (card, smartphone, banknotes)
- EVA-mount NFC card reader
- Printing of receipts (including fiscal)
- Remote management system
- Multilingual user-friendly interface
- Bright touchscreen display
- Possibility of integration with other systems



Model TOUCH for LINK	TOUCH I-10	TOUCH I-19	TOUCH 10	TOUCH 19
Dimensions (HxWxD) (mm)	Integrated	Integrated	2330x250x1000	2330x500x1000
Weight (kg)	30	50	150	200
Monitor size	10	19	10	19
Power supply	220 – 230 W, 50 HZ			
Max. consumption (Watt)	<ul style="list-style-type: none"> • 100 – 10" • 150 – 19" 			
Terms of use	T= +10...+25°C, RH<70%			
Options	<ul style="list-style-type: none"> • Stainless steel decorative top panel • Wheels instead of feet • MDB wafer • Wi-Fi router 			
Customisation	<ul style="list-style-type: none"> • Choosing the colour and type of paint • Integration of monitors with other sizes is possible • Logo can be created in different versions • Different types of payment systems can be installed or prepared for installation: NFC, coins, banknotes, thermal printer, etc. 			

Model TOUCH for LIFT	TOUCH S	TOUCH M	TOUCH 10	TOUCH 19
Dimensions (HxWxD) (mm)	500x250x500	390x320x80	2330x250x685	2330x500x685
Weight (kg)	50	50	150	200
Monitor size	10	10	10	19
Power supply	220 – 230 W, 50 HZ			
Max. consumption (Watt)	<ul style="list-style-type: none"> • 100 – 10" • 150 – 19" 			
Terms of use	T= +10...+25°C, RH<70%			
Options	<ul style="list-style-type: none"> • Stainless steel decorative panels • Wheels instead of feet • MDB wafer • Wi-Fi router 			
Customisation	<ul style="list-style-type: none"> • Choosing the colour and type of paint • Integration of monitors with other sizes is possible • Logo can be created in different versions • Different types of payment systems can be installed or prepared for installation: NFC, coins, banknotes, thermal printer, etc. 			



SMARTSHOP

Smartshop is an automated point of sale (microstore) without a salesperson. Smartshop allows the consumer to browse, choose a variety of food, beverages and other goods, and pay with cash or bank card. AVANGARD specialists can develop an individual model of a turnkey autonomous microstore.



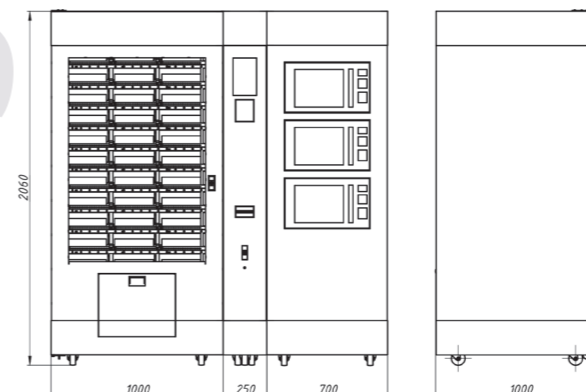
- Fresh, frozen and chilled foods, hot and cold drinks, snacks and more
- Advanced payment systems ensure safe and hassle-free transactions
- Product availability and expiration dates are monitored through software that provides real-time information
- Data can be tracked on a computer or smartphone

SMARTSHOP	
Power supply	226 – 230 W, 50 HZ
Max. consumption (Watt)	200
Terms of use	T= -10...+30°C, RH<80%
Options	<ul style="list-style-type: none"> • MDB • Wi-Fi router • Stainless steel decorative panels • Bill printer • Cash/coin acceptor



SMARTFOODCOURT

Transform your vending machine into a self-service smartfoodcourt. The Microwave Rank is compatible with all AVANGARD vending machines, with the Qube Lift machine being the top recommendation. Enjoy time-saving parallel purchasing: while one oven heats a meal, another customer can make their purchase. Automated 24/7 points of sale of restaurant dishes with the possibility of issuing previously made/paid orders. Each module (microwave ovens, selection and payment module, etc.) can be ordered separately and connected to any other device of the AVANGARD models.



SMARTFOODCOURT	
Power supply	227 – 230 W, 50 HZ
Max. consumption (Watt)	200
Terms of use	T= -10...+30°C, RH<80%
Options	<ul style="list-style-type: none"> • MDB • Wi-Fi router • Stainless steel decorative panels • Bill printer • Cash/coin acceptor
Customisation	MW Rank



CUSTOMIZED SOLUTIONS

LINK GLASS 63

The 63-compartment vending machine (locker type), a fully customized unit designed specifically.

- Customers can conveniently pick up their purchases right from the street, as the locker is loaded from the back.
- The machine comes with a built-in payment system, featuring all the necessary controllers and payment systems for the consumer.
- A monitor and secure software are included with the machine.



CUSTOMIZED SOLUTIONS

FLOWER VENDING MACHINE with 12 cells

Unique and exclusive design of our partners, reproduced by AVANGARD specialists in metal – Link Glass customized version.

The system is equipped with refrigerator, 10-inch touch screen for product selection, contactless payment system, as well as a bill acceptor. The proprietary software and telemetry allow for complete tracking of product refills and sales.



*Need something **UNIQUE**? Our dedicated R&D department can create a completely custom device just for you. Plus, our machines feature strong, vandal-resistant construction with thick steel and magnetic lockers*



NOTES

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NOTES

A series of horizontal dashed lines for writing notes.