



ARGUS-M

production company

The background features a large, light gray circle with a shadow, surrounded by several smaller blue and white circles. A thick, wavy blue band curves across the bottom of the image.

ARGUS-M

MOSCOW FACTORY OF LIGHTING INSTALLATIONS

ABOUT ARGUS-M

ARGUS-M has manufactured:

Since 2012

- autonomous mobile installations, diesel power plants, mobile autonomous surveillance stations designed to be used in the absence of energy saving and severe operating conditions;

Since 2020

- high-quality sanitation and disinfection equipment (air UV germicidal recirculators, ozone generators and automatic touch-free hand sanitizer terminals), mining farms;

Since 2021

- autonomous communication & video surveillance systems, cybercapsules & PC desk with a built-in computer; parcel lockers

The company has production processing equipment and machine tools necessary for the production (laser, bending, polymerization chambers, etc.). We produce about 12,000 items per day.

1 PRODUCTION AREA > 2000 m²

2 OWN MACHINE PARK



KEY ADVANTAGES



#1

ARGUS-M has designed & manufactured autonomous mobile installations since 2012



#2

Ready-made and customized solutions



#3

Optimized production planning and short lead-times



#4

Warranty, service maintenance, free technical support



#5

Quality assurance and control (ISO 13485)
Necessary Certificate & Licenses on Products

SALES GEOGRAPHY



Export & Global Logistics
Solutions

Argus-M has already exported to
to the following countries:

-  CIS countries
-  ANGOLA
-  SERBIA
-  KUWEIT
-  MALAYSIA
-  JORDAN
-  UAE
-  IRAN



Mobile Lighting Installations

Autonomous Mobile Lighting Tower (AMPO) “PROMETHEY” with LED floodlights



Height	up to 9m
Tower type	telescopic
Weight	650–700kg
Light	from 600 up to 1200W
Floodlights type	LED
Lighting area	up to 28 000 m ²
Voltage and frequency	(at 5,4 lux/m ²)
Run time	220 (50Hz)
Complete set	up to 9h (shift)

Main application:

- Mining industry
- Reconstruction of roads
- Construction and repair works
- Airports
- Railway
- Fire, rescue & emergency operations
- Energy companies
- Oil & gas industry, offshore oil platforms Archeological research, exploration works

- CAPABLE TO LIGHT SURFACE UP TO 28,000 M²
- EQUIPPED WITH OWN DIESEL POWER PLANT

Autonomous Mobile Lighting Tower (AMPO) “PROMETHEY” with metal halide (halogen) floodlights



Height	Up to 9m
Tower type	Telescopic tower
Weight	610–720kg
Light	from 2 000 up to 6 000W
Floodlights type	metal halide lamp (MGL), halogen
Lighting area	diesel, petroleum 220 (50Hz)
Voltage and frequency	
Run time	up to 9h (shift)
Complete set	car trailer, all-weather cover, heavy duty tower

- CAR TRAILER, ALL WEATHER COVER, POWERFUL TOWER, MOBILE LIGHTING UNIT,
- EQUIPPED WITH OWN POWER PLANT MOUNTED ON A CAR TRAILER

Main application:

- Mining industry
- Reconstruction of roads
- Construction and repair works
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Autonomous Searchlight Station “PROMETHEY” without generator



Built-in generator available	n/a
Lampe type	LED
Power	220 (2 sockets)
Lampe power	300 W
Lifting height of lamps	9 m
Weight	Up to 600 kg
Wind resistance	80 m/sec
Installation time	120–180 sec
Lighting area	25 000 m2
Light flux	120 000 lm
Guarantee	1 year

Main application:

- Mining industry
- Reconstruction of roads
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- **360° ROTATION OF TOWER AND LAMP**
- **CAN BE TRANSPORTED ON PUBLIC ROADS**

Mobile Lighting Installation “ODYSSEY” with LED or metal halide floodlights, sodium gas-charging lamps (HPS)



Height	5–7 m
Tower type	hand winch, reinforced mast
Weight	90–210 kg
Light	from 400 up to 1 200 W
Floodlight type	LED, metal halide (MGL), halogen, sodium, gas-discharge lamps (DNaT)
Voltage and frequency	220 (50 Hz)
Transport dimensions	2000×620×730 (2400×650×750)
Complete set	electric generator, mechanical tower, spotlights, trailer

Main application:

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- **REINFORCED MAST FOR POWERFUL SPOTLIGHTS**
- **DESIGNED TO WORK UNDER ROUGH CONDITIONS**
- **POWERFUL STEERING CART, REINFORCED MAST**

EXPLOSION-PROOF LIGHTING INSTALLATIONS



Built-in generator available	yes
Lamp type	LED, metal halide (MGL), halogen, sodium gas-discharge lamps (DNaT)
Power supply	built-in generator or ~220 V electric grid
Configuration	mobile telescopic lighting mast with generator
Complete set	explosion-proof floodlights, explosion-proof switching box, removable generator, trolley with a rotary axis, telescopic mast with a winch, winding cables and pegs

Main application:

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- LIGHT INSTALLATION FOR WORK IN EXPLOSIVE AREAS
- PROTECTION DEGREE IP 65

Autonomous Mobile Light Tower

“GELIOS” on solar panels



Type and capacity of mast

LED floodlights from 30 to 150 W each
solar panels on silicon monocrystal

Type and capacity of battery

50 to 300 W each, rechargeable helium batteries

Lifting height of mast

3,5–9 m

Mast lifting method

mechanical / electrical or hydraulic lifting

Possibility of mast rotation

360 ° rotation of the mast around the axis
single-axle or two-axle trailer, wheels R15 / R16

Trailer

Wind resistance

from 80 up to 100 km/h

Generator

from 3 up to 10 kW

Main application:

- Mining industry
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- **FUNCTIONS WITH SOLAR BATTERIES OR HYBRID WITH DIESEL GENERATOR**
- **THE MAST IS CAPABLE TO ROTATE ON 360 °**

INFLATABLE LIGHT TOWER WITH GENERATOR (ELG) & WITHOUT GENERATOR (EL)



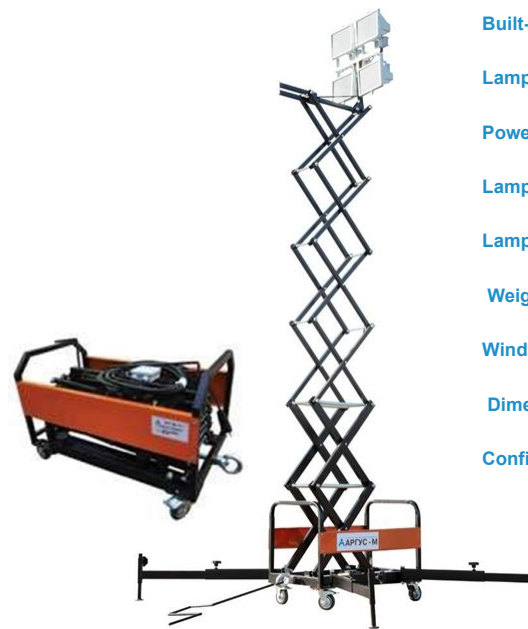
Height	3–7 m
Weight	26–74 kg
Capacity	400–1 000 (HPS), 300 (LED)W
Floodlight type	LED, HPS
Lighting area	2000 m ²
Voltage and frequency	220 (50Hz)
Dimensions	440×350×300 mm
Light flux	48 000–120 000 cd
Service life	resource of fan brushes - 500 hours, fan, fabric cylinder and air filter - 1,000 hours

Main application:

- Mining industry
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- DOME LIGHT TRANSMISSION IMPROVED UP TO 15%
- LIGHTING AREA UP TO 10,000 M² PER MINUTES

EMERGENCY LIGHT INSTALLATION OU-2000



Built-in generator	No
Lamps type	(LED, halogen)
Power supply	220 V
Lamp power	200–2 000 W
Lamp lighting height	3,5–4 m
Weight	40 kg
Wind resistance	25 m/sec
Dimension (l×w×h)	410×720×485 mm
Configuration	folding lighting system

Main application:

- Mining industry
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- **MOBILITY AND COMPACT DIMENSIONS OF EQUIPMENT IN ASSEMBLED CONDITION**
- **EFFICIENCY ASSEMBLY OF LIGHTING STATION ALLOWING TO WIN SIGNIFICANT IN EMERGENCY SITUATIONS MINUTES**

Mobile video surveillance stations

#1

An autonomous mobile security system is the best way to protect against thefts. System complies with safety regulations and ensures technological video surveillance at any facility.

#2

Control remotely via your smartphone.



Key advantages:

- Protection against theft and theft on site (all recordings for the required time are saved on the built-in SSD hard disk, and also transmits the video stream to the security post)
- Analysis of incidents on site
- Rapid system deployment in 10 minutes by one operator

Artificial Lighting Systems for Lawns

Key advantages:

- The high photosynthetic activity of the lamps ensures the rapid growth of the lawn.
- High quality lawn all year round to held matches of the highest level.
- Reduction of injuries among athletes.
- Made of non-ferrous metal: record low overall weight of the unit.
- Used special agro-lamps used specifically for growing plants & adapted climatic zones.
- Customized luminaires with unique light distribution

Main application:

- Sport facilities





ARGUS-M

производственная
компания



Sanitation & Disinfection Equipment

Sanitation & Disinfection Equipment

Ozone Generators



UV Germicidal Recirculators



UV Germicidal Recirculators built in Armstrong ceiling



Touch-Free Sanitizer & Dispensers



Sanitation & Disinfection Equipment

Key Advantages



Registration certificates (Ministry of Health, Russia & Jordan)



0.8 mm metal casing and isolation to protect wires from UV radiation



Germicidal efficiency **up to 99,9%**

- ❖ Kill tuberculosis, SARS, influenza viruses, Avian Flu, SwineFlu H1N1, HRV, variola, rabies Ebola virus, atypical pneumonia, COVID 19



CE certificate (June, 2021)



Record performance up to 10000 m2



UV lamps from uviol glass. No ozone & harm to health.

Sanitation & Disinfection Equipment



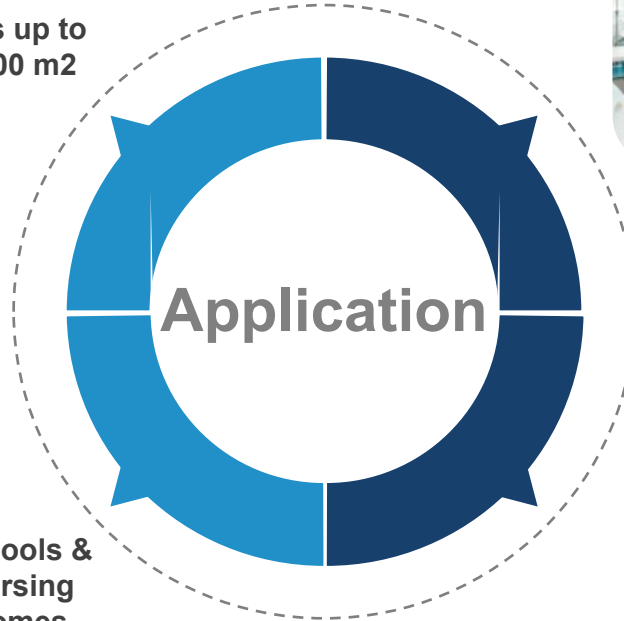
- Premises up to 10 000 m2



- Hospitals, dental, physician



- Schools & nursing homes



- Office (Armstrong ceiling)



Army Tents & Mobile Field Hospitals

Army tents for deployment of army camps

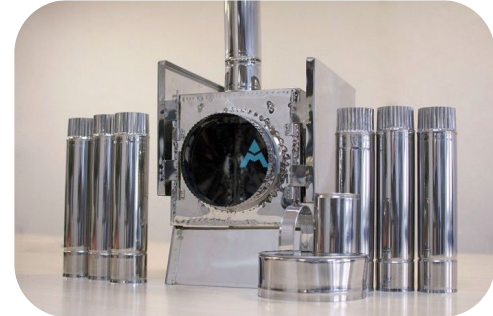
**Single layer tents
(summer)**



**Double layer cold weather tents
(winter)**



Furnaces and accessories

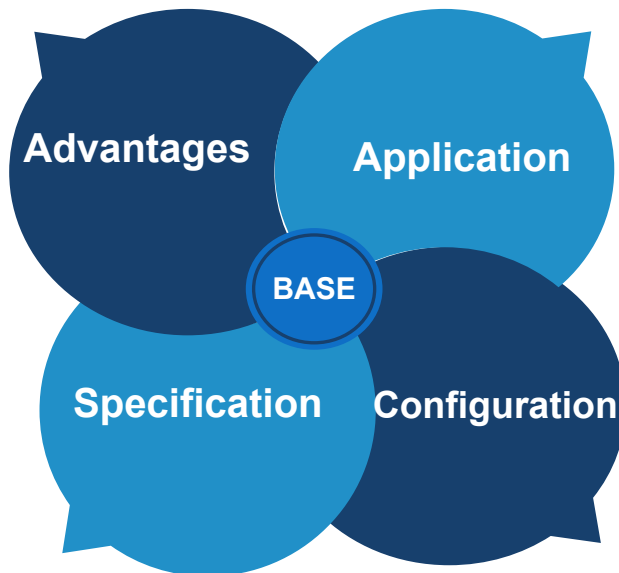


Mobile Field Hospitals

- High mobility (easy transportation);
- Fast putting into working condition;
- High degree of modularity;
- Combinability and connectivity with special containers

The explication of the premises that make up mobile hospitals depends on the purpose, composition and number of the hospitals.

The specific equipment of the hospital is carried out according to the specification approved by the Customer.



- Elimination of the consequences of natural and industrial disasters;
- Humanitarian and Peace Missions;
- Military and medical use;
- Mass events of a sporting or cultural nature, as well as during social unrest.

The detailed configuration of the mobile hospital and related infrastructure is designed in accordance with its purpose and the Customer's specification.



CYBERCAPSULES



CYBERCAPSULES“ARGUS”



1

Allow to immerses a person into virtual reality and enables to go away from surrounding reality

2

- Stock traders
- Self-propelled vehicle and military equipment pilot training; drone pilot training
- Video editors, photo editors, libraries

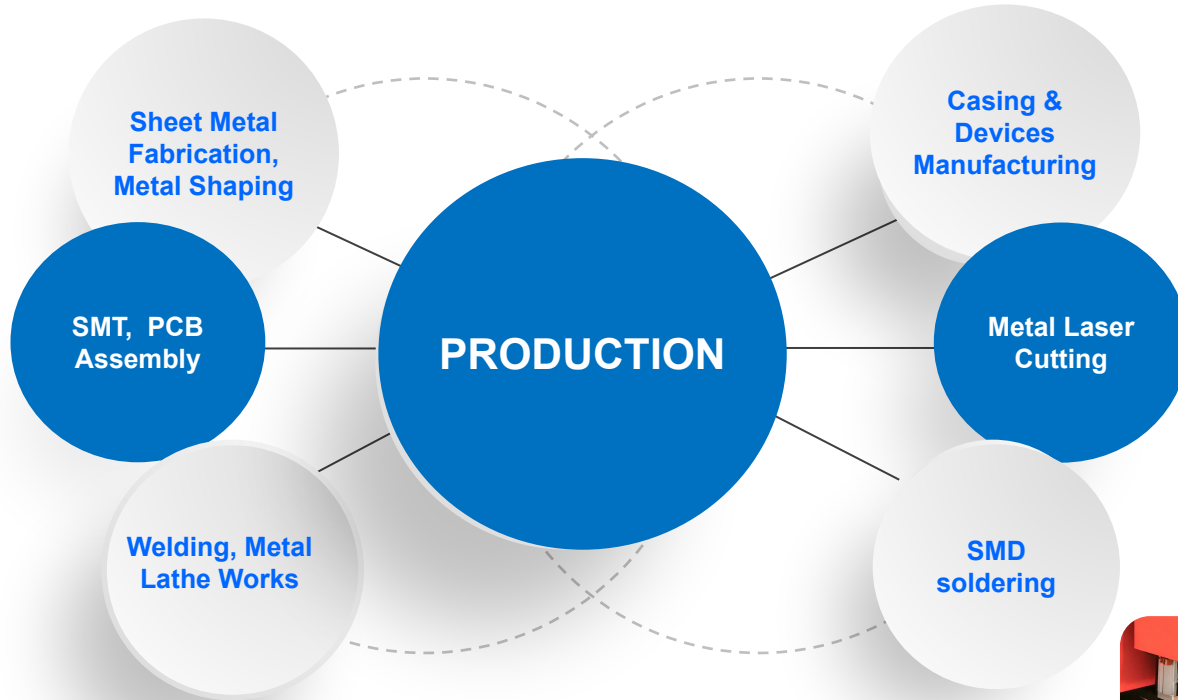
3

Cybersport (cybertron with a system unit integrated into the capsule tabletop)



PRODUCTION FACILITIES

PRODUCTION FACILITIES

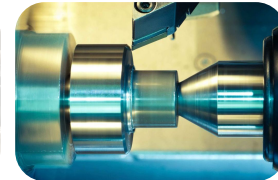


TURNKEY MANUFACTURING SOLUTIONS FOR YOUR DEVICES

Pattern Tooling & CNC Machining

FULL TURNKEY MANUFACTURE OF DEVICE,
CASING AND RELATED ITEMS

- Offer private label manufacturing
- Ensure high-precision machining solutions
- Shipping to any corner of the world



Serial Production of Parcel Locker & Terminals



To enhance or product line, since 2020 Argus-M has started manufacturing postamate except for multi-purpose terminals, instrument cases and other metal products for innovative business areas.

#1

Limited & Serial Production

#2

Our team will:

- Develop the design of your project
- Develop software for your project
- Manufacture your products as per technical specification & in short lead times
- Ensure optimized logistics

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THANK YOU
