

# THE MACHINE BUILDING INDUSTRY IN THE REPUBLIC OF MOLDOVA

CATALOGUE 2018

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2018

# THE MACHINE BUILDING INDUSTRY IN THE REPUBLIC OF MOLDOVA



Rubber, Plastic  
and Metal Products



The Machine  
Building Industry



Services in the Machine  
Building Industry

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Country name: Republic of Moldova 

**Capital:** Chisinau

**Population:** 3,547,539  
(National Bureau of Statistics data,  
as of 1st of January 2018)

**Area:** 33,846 km<sup>2</sup>

**Geographical location:** Moldova is situated in the south-east of Europe. It borders Romania and Ukraine

**Official language:** Romanian

**Languages spoken:** Russian, Ukrainian, English, French, German, Turkish, Italian

**Exchange rate** (average 2018): US\$1 = 16.79 MDL (Moldovan Lei)

**Gross Domestic Product:** US\$9,560,608 (2017, current prices)

**GDP per capita:** US\$2,694 (2017, current prices)

**Employment rate:** 40.5% (2017)

**Inflation rate:** 6.5% (2017)

**Minimum salary:** US\$155 per month (2018)

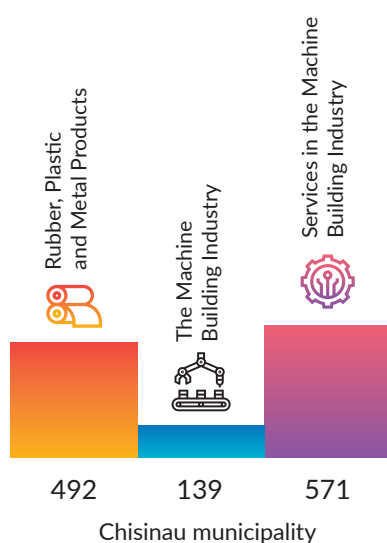
#### Free Trade Agreements:

- **DCFTA** (Deep and Comprehensive Free Trade Area with European Union);
- **FTA with CIS countries** (Armenia, Azerbaijan, Belarus, Kazakhstan, Kyrgyzstan, Moldova, Russia, Tajikistan, Uzbekistan);
- **FTA with Turkey;**
- **CEFTA** (Central European Free Trade Agreement – Moldova, Macedonia, Albania, Serbia, Montenegro, Bosnia and Herzegovina and UNMIK (Kosovo));
- **GUAM** (Organization for Democracy and Economic Development (Georgia, Ukraine, Azerbaijan, and Moldova)).



## AN OVERVIEW OF THE MOLDOVAN MACHINE BUILDING INDUSTRY

Geography of companies in the analysed industries, companies



Value of production, million US\$



The Moldovan machine building industry was founded on a strong Soviet industrial past. Since then, it has undergone significant changes as compared to the Soviet period. Up till 1990, the USSR invested into capital construction and development of large plants in Moldova producing various equipment both for civil and military purposes. Since then, several Soviet time leaders have practically ceased their activity in the sphere of machine building and have reoriented to other domains, primarily renting the facilities that were used for production purposes in the past. New industry leaders have oriented their production to other domains.

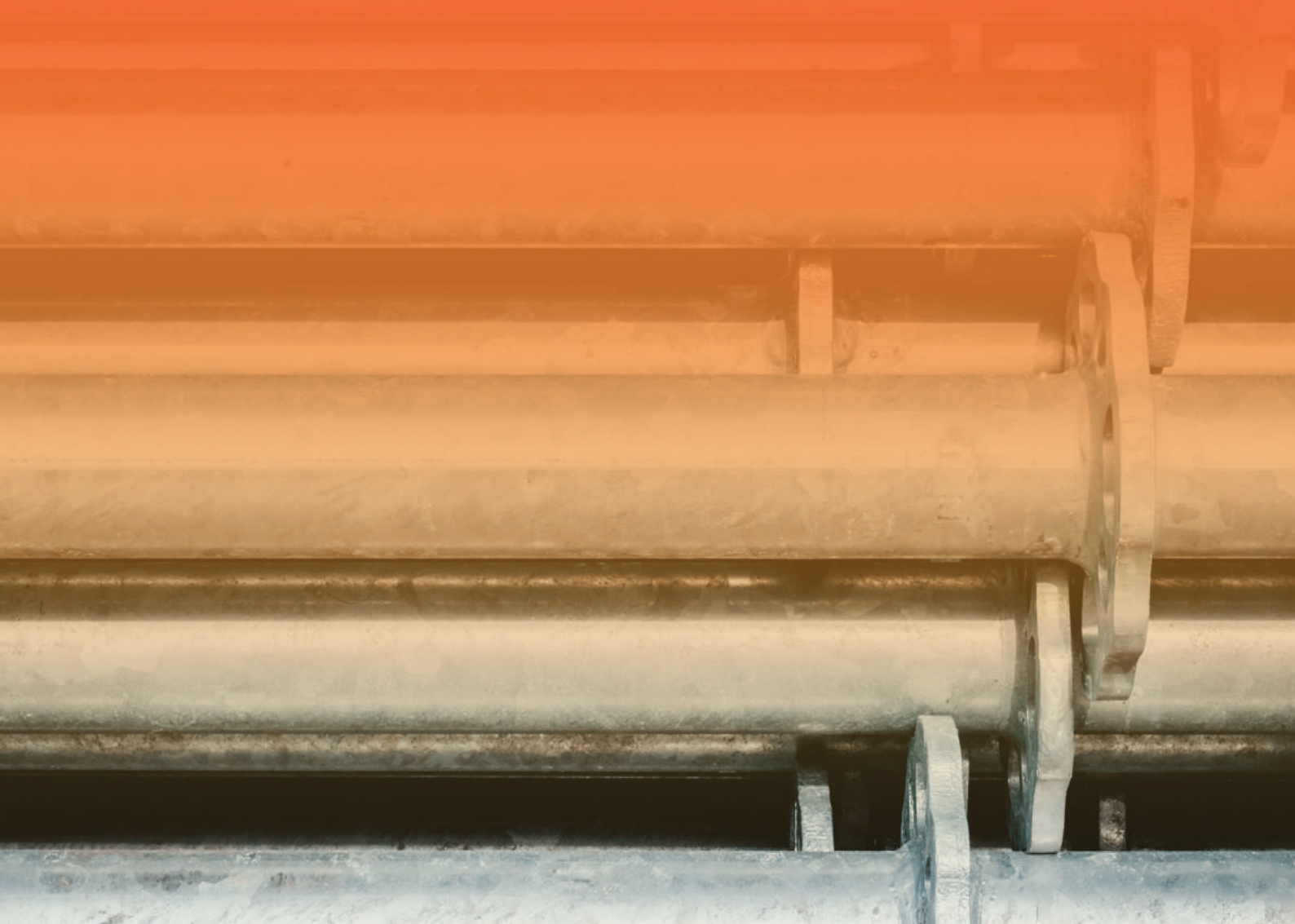
Currently, when talking about Moldovan production and exports of automotive industry products, it can be stated, that cables have become the top export category. Several large foreign investors have opened their plants in larger cities of Moldova: Chisinau, Balti, Ungheni, Orhei, Comrat.

Some of the leading local companies do have a Soviet past, they maintained their focus of activity and continue to specialize in the same spheres as before, other companies are new, and they started their production with no Soviet legacy. The companies in machine building sector in Moldova produce hydraulic equipment, hydro-acoustic navigational devices, agricultural equipment, commerce equipment and other types of machines and equipment.

Another important sector comprises companies that produce potential components for machine building industry – rubber, plastic, metal products. There are several local companies producing metal products, plastic products, rubber production is less developed. The third important component of the machine building is the sector rendering services for machine building companies. In Moldova, these are mainly companies rendering services of engineering activities and related technical consultancy, companies doing repairs, technical testing and analysis.



# RUBBER, PLASTIC AND METAL PRODUCTS





# AILERON-M LTD

Founded in 1996

Aileron-M Ltd was founded in 1996 and specializes in metal and plastic processing like matrix projection and manufacture, electrical dies production and plastic injection. The company exports the products mostly in the USA and Spain and works with raw materials such as steel, copper and aluminium.



## process used

cutting  
milling  
turning  
tempering  
grinding  
electrical discharge machining (EDM)  
CNC processing  
injection

## products

plastic articles  
electrical dies  
matrixes  
metal products

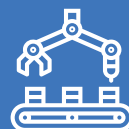
## employees

19



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Director



# THE MACHINE BUILDING INDUSTRY

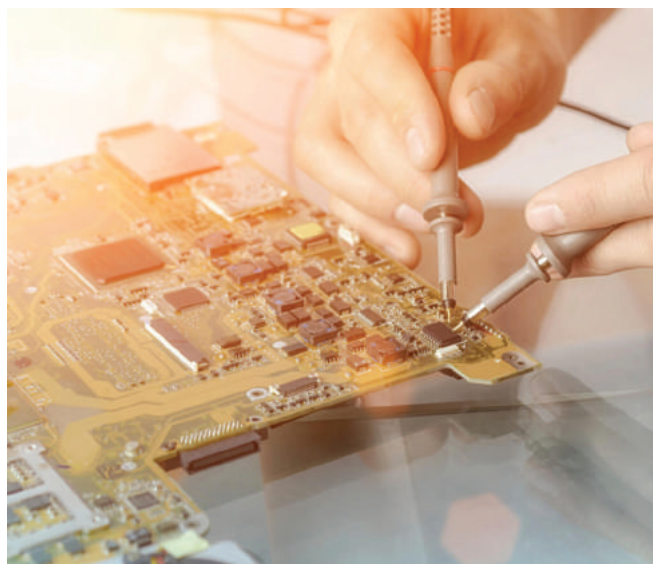




# ELIRI JSC

Founded in 1959

ELIRI JSC was established in 1959. Initially, research and development work was carried out here to develop and introduce new types of products based on microwire. Currently, ELIRI is a company that is specialized in the production of microwires and microwire-based products. The company has developed the production of cast microwires in glass insulation with a core diameter from less than 1  $\mu\text{m}$  to tens of  $\mu\text{m}$ . Microwires are produced from various metals and alloys: conductive, resistive, magnetic, semiconductor with their simultaneous coating with glass insulation, using the classic Taylor-Ulitovskiy method, which is a hybrid method.



## process used

research  
development  
production  
post-processing

## products

cast microwires  
devices and sensors  
microcircuits  
pressure transducers  
microwire goods  
electric lamps  
measuring devices  
voltage dividers

## employees

30



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General Director



# SERVICES IN THE MACHINE BUILDING INDUSTRY







# SALONIX-TEH LTD

Founded in 2000

Salonix-Teh Ltd provides a wide range of electronic and pneumatic products that are used in the automation of complex technological processes, according to European standards. They deliver automation and control systems for the water and sewage industry, wastewater treatment plants, power plants, pumping and irrigation stations and well as for the food, chemical and construction industries. The company also provides solutions and technical support in the management of various technological processes.



## process used

programming

## products

control panels  
programmed memory control systems

## employees

40



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