



# ACTOVER GROUP INTRODUCTION







## ACTOVER HOLDING INTRODUCTION

ALBORZ ZAGROS  
PHARMACEUTICAL CORPORATION



Atipharmed  
TOGETHER FOR YOU



Amaðeh Laziz  
اماده لاذيز



## BEGINNING OF ACTIVITY

Dr. Mostafa Naraghi, a prominent Iranian pharmacist in 1960s and 70s, was the founder of Iran Lisans (Shafa) and later, Actovar Pharmaceutical Group. During difficult times of war, he played a major role in supplying medicines in Iran, honoring his country.



Dr Mostafa Naraghi, founder of Actoverco

## ACTOVER HOLDING IN ONE GLANCE

Actover is a holding with more than 50 years of experience and equipped with the newest technology in pharmaceutical and food industries.

The Pharmaceutical branch has the greatest variety in 15 medical fields with the production and supply of more than 350 pharmaceutical products.

This branch produces more than 9 billion pills and capsules, 100 million vials and preffilled syringes, annually.

The food branch, with more than 500 products, is a leader in providing world class products.

Local manufacturing and providing employment for the young work force are the main goals of this holding.

### Food branch



69000 sqm  
food production  
area



2500  
employees



More than 500  
food products

### Pharmaceutical branch



70000 sqm  
pharmaceutical  
manufacture  
area



2700  
employees



350  
pharmaceutical  
products



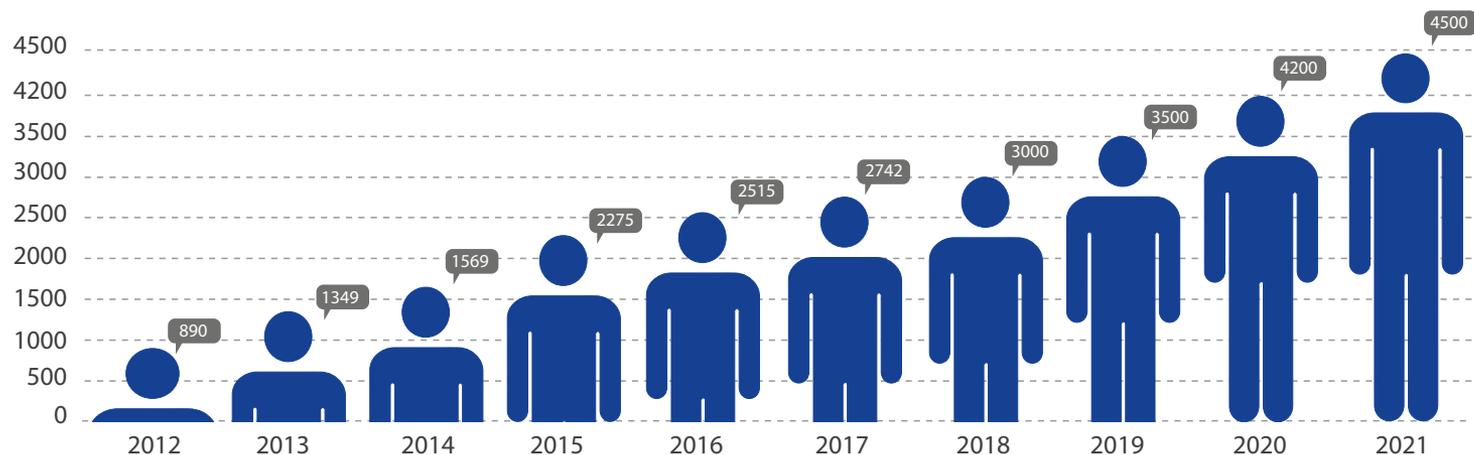
Actoverco and Actoverco biotech plant: 4th Golestan, Baharestan industrial town, Karaj

## THE ROLE OF ACTOVER HOLDING IN JOB CREATION

Actover group has made an enormous investment in local manufacturing and employment. Between 2008 and 2012, this company took a significant step for education and employment of young work force for a brighter future. Since 2013, with execution of a smart investment plan, the company has reinforced the foundation of local manufacturing in pharmaceutical and food. This is why this holding has been introduced as one of the largest food and pharmaceutical companies.

In the past 10 years, employees of this holding have been multiplied by five.

### Employees of Actover holding in the past 10 years



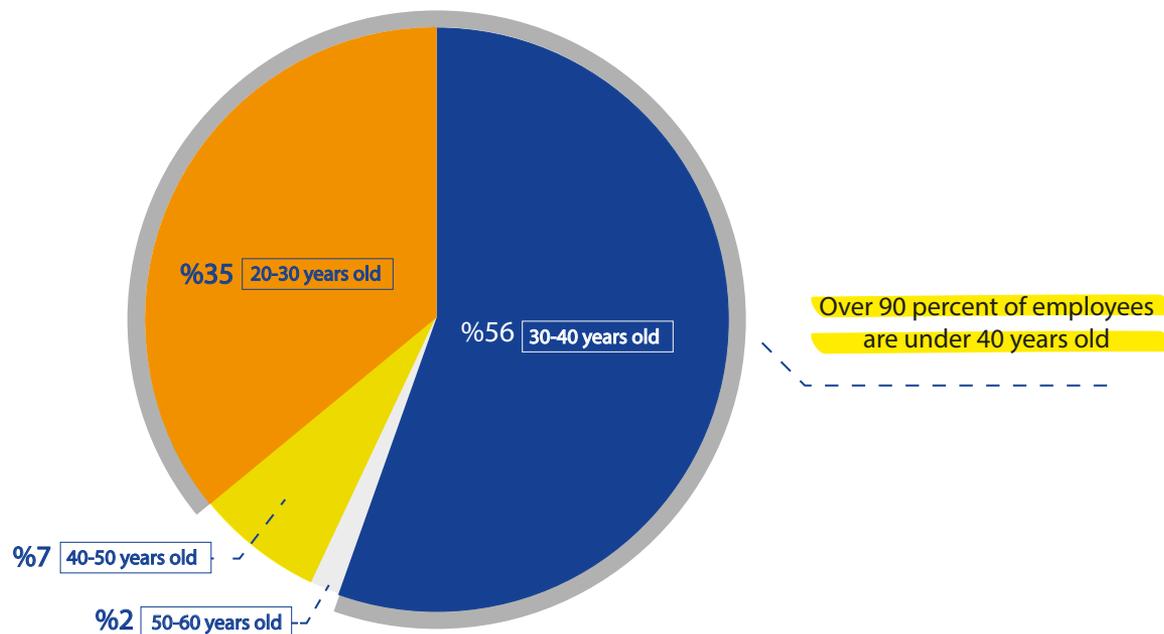


Neurobion Ampoules manufacturing line

## ACTOVER HOLDING TAKES JOB OPPORTUNITIES TO YOUNG FORCES

The diagram below shows the age range of Actover holding employees. The group gives priority to young work force in all job positions and enhances personnel skills by investment on their regular training.

### Average age of Actover group employees





Actoverco employees

# ACTOVER HOLDING

Actover holding is active in three fields of medicine, food and charity.

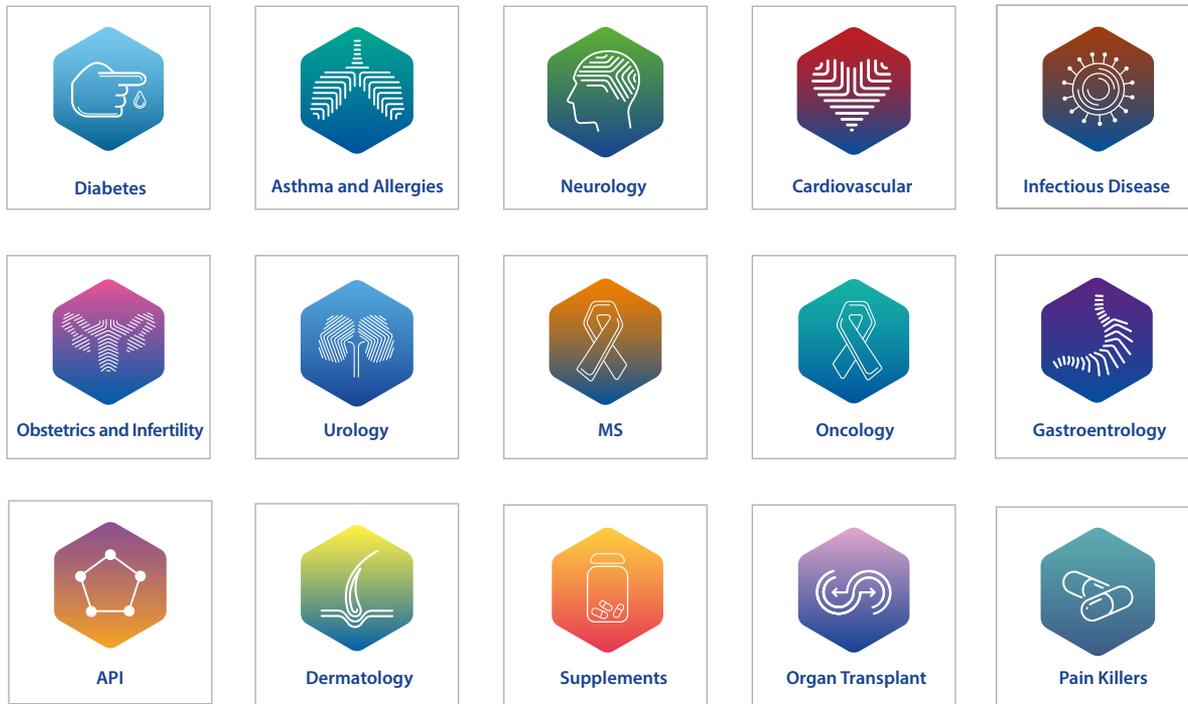


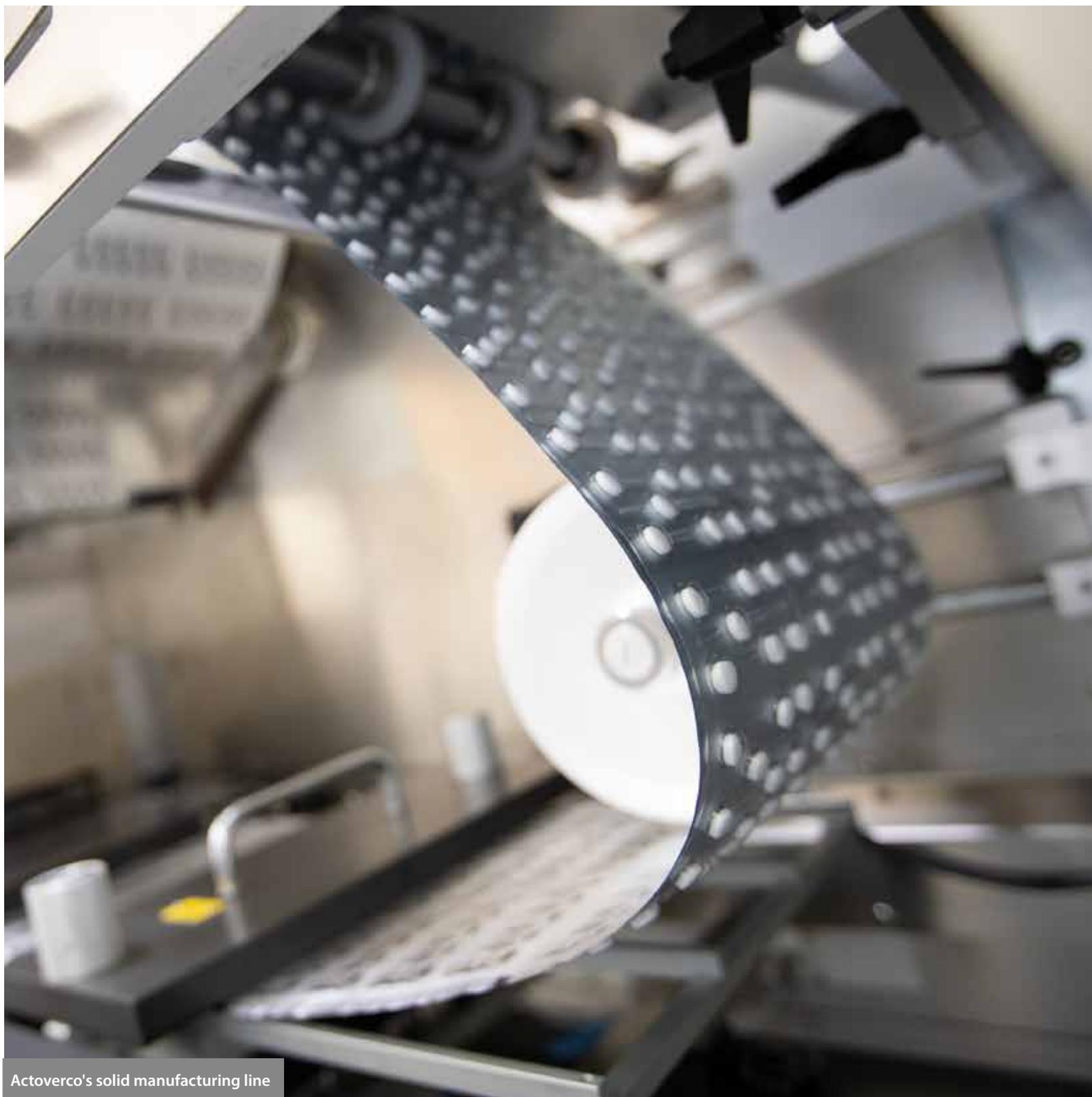


Atipharmed's Hormone drug manufacturing line

## ACTOVER PHARMACEUTICAL DIVISIONS

With more than 50 years of experience along with the most up to date drug manufacturing technologies , Actover Holding have 300 pharmaceutical products in 15 pharmaceutical and therapeutic areas

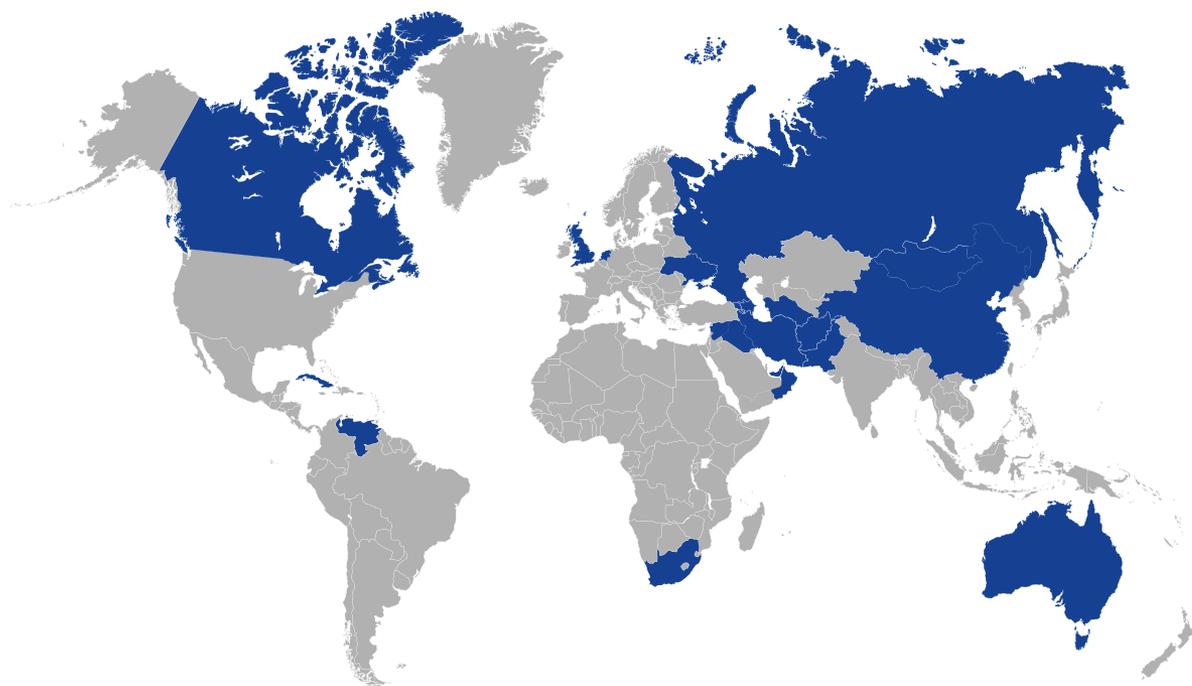




Actoverco's solid manufacturing line

## ACTOVER HOLDING IN EXPORT AREA

As a global mission for Actover holding, export has always been a major goal to keep up with the international brands.



Afghanistan/ Bahrain/ Russia/ Cuba/ Iraq/ Oman/ Kuwait/ Turkmenistan/ United Arab Emirates/ Syria/  
Lebanon/ Qatar/ Pakistan/Australia/ England/ Netherland/ Canada/ Armenia/ Azerbaijan/ Venezuela/  
South Africa/ Ukraine/ Mongolia/ China



Some of Actoverco's pharmaceutical products

## PHARMACEUTICAL DIVISION INTRODUCTION



Pharmaceutical manufacturing in Actoverco



# INTERNAL MEDICINE



Emozul



Fastover



Xenover



Motilover



Lansacto



Actoserc



Mebacto



Fromilid



Ondastover



Nolpaza



Actop



Letizen



Mesalover



Actolukast



D-Penicillamine



Atipharmed's Hormonal products manufacturing line

# CARDIOVASCULAR



Clotover



Noxprin



Valsacor



Zyllt



Losaver



Asaver



Sustac



Actover Valosap



Rosurexin



Coryol



Amlober



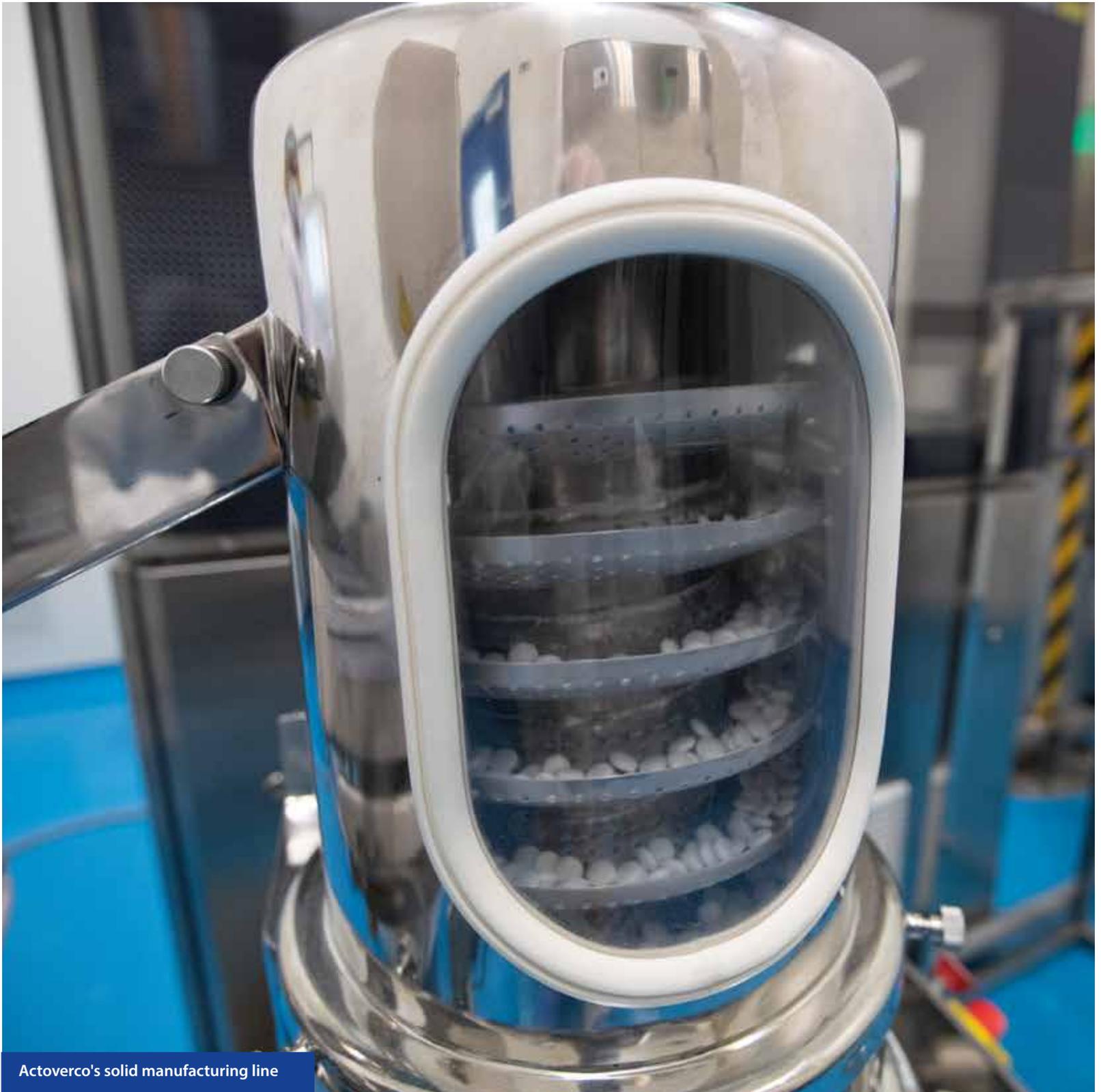
Metazero



Atorexin



Ticora



Actoverco's solid manufacturing line

## NEUROPSYCHIATRY, MULTIPLE SCLEROSIS



Arizover



Actover Lacs



Tizanover



Zoliver



Alventa



Tazadep



Somazina



Yasnal



Escitover



Asentra



Loxever



Actopentin



Lyriver



Elepra



Rubifen



Quentiax



Actramer



Actovex, Actoferon



Actoverco's biopharmaceutical manufacturing line

## UROLOGY, IMMUNOSUPPRESSANTS



Suprimon



Tamcover



Vizarsin



Taclirus

## PAIN KILLERS



Actocold



Actofen Extra



Actopin

## DIABETES MELLITUS



Glicover



Empaver



Empaver Plus



Glysta



Sigomet



Dipeta



Actoverco's injectables manufacturing line

## INFECTIOUS DISEASES



Remdesivir



Fvipiravir



Vtect



Xovyx

## SUPPLEMENTS



Omega 3



Glucosamine



Calcium 600 mg



Vitamin E



B complex+zinc



Multivitamin mineral



Multivitamin 50+



B complex+iron



Nexeng



Ginkgo Biloba



Multiprenatal



Femstyle 1



Femstyle 2



Unveiling of COVID-19 medicines

## DERMATOLOGY, GYNECOLOGY



Equin



Cyclogest



Dermofix



Bepacto, Biacto



finoscar



Femati



Verogest



Tansy



Progera



Drosbela



Cybelle



Megera



Drosbelin



Desoleste



Bellagest



Clophan



Dofamed



Levitude



Actoverco's Quality control laboratory

# ONCOLOGY



Rinteca(Irinotecan)



Pemaxa(pemetrexed)



Bratoma(temozolomide)



Lenalidomide



Oncotaxel(Docetaxel)



Zomiba(Bortezomib)



Abiraterone



Doxorubicin Acte



Emit (Aprepitant)



Oncozar(Gemcitabine)



Etoposide



Sorafenib



Capecitabine Acte



Neonib(Nilotinib)



Lipaxol(Paclitaxel)



Rituxiver(Rituximab)



Imatinib



Erlotinib Acte



Carboxa(Carboplatin)

coming soon

Sunitinib Acte

coming soon

Xalico(Oxaliplatin)



Actoverco's Quality control laboratory

# MERCK



Neurobion



Rebif



Concor



Glucophage



Glucophage XR



Glucovance



Ovitrelle



Pergoveris



Adancor



Euthyrox



Crinone



Cetrotide



Gonal-F



Actoverco's In-process control

## ACTOVERCO, LOCAL PRODUCTION WITH INTERNATIONAL QUALITY

With about half a century experience in medicine production and more than 350 products and 2700 employees active in departments of production, marketing and distribution, Actover is one of the largest local pharmaceutical manufacturers.

Actover complies with the international standards of manufacturing which led to achieving GMP certificate for all its production lines as well as ISO 14001, ISO 9001, and OHSAS 18001. \ This accomplishment represents Actover group as a reliable partner among international pharmaceutical companies such as Merck and Krka.

Moreover, it obtained approval for manufacturing products in Iran under license of Merck and Krka's.





Actoverco 2 plant: 5th Golestan, Baharestan Industrial Town, Karaj

## ACTOVERCO GMP CERTIFICATIONS



Solid (tablet, capule) GMP



Vial production GMP



Sterile solution for injection GMP



PFS GMP



Production line of high-risk  
edible solids (Anticancer) GMP  
of Actero Factory



Production line of high-risk  
edible solids (Sex hormones)  
GMP of Athpharmed Factory



Actoverco's Solids manufacturing line

## **ACTOTECH**

### **MEDICINAL AND FOOD ACCELERATORS**

To support startups and innovative ideas, based on the agreement of biotechnology development head quarters of vice presidency for science and technology, the launch of Actotech Accelerator was put on the agenda in may 2019.

This partnership is aimed at helping the growth and development of biotechnology by supporting creative ideas, start ups and knowledge based companies in the fields of advanced medicines, supplements and probiotics.

Youth prosperity, job creation and high quality output envision the perspective of the program.



Opening of Actotech Accelerator

## BIOTECHNOLOGY PLANT

### EXCLUSIVE PLANT TO PRODUCE THE RECOMBINANT MEDICINES AND MONOCLONAL ANTIBODIES

Aiming at manufacturing recombinant products such as monoclonal antibodies and MS disease drugs, biotechnology plant launched in 2015 with a capacity of manufacturing 40 million prefilled vials and syringes in a total building area of 3000 square meters and 2000 square meters of clean room.

At the beginning of 2018, phase two of biotechnology plant commenced in the building area with almost 5000 square meters including 3000 square meters clean room.

Single-use bioreactor technology applied to this project is the first in Iran and Middle East





Biopharmaceutical manufacturing line in Actoverco Biotech

## **ACTERO**

### **EXCLUSIVE PLANT TO PRODUCE ANTI-CANCER PRODUCTS**

Actero is the largest factory producing solid and injectable anti-cancer products in Middle East, which was founded in 2018. This pharmaceutical company is located in Baharestan industrial zone with a building area of 7000 square meters.

This factory has the capacity of producing more than 10 million vials, hundreds of millions of tablets and capsules.

Actero is equipped with both injectable and solid dosage production lines under strict GMP standards. OEL 4 criteria has been respected during all phases of design, implementation and operation at this pharmaceutical plant.

Safety considerations have been regarded in all procedures, from design to implication, in Actero pharmaceutical plant.



Actero's anti-cancer products manufacturing line

## ATIPHARMED

### EXCLUSIVE PLANT FOR MANUFACTURING HORMONAL PRODUCTS

Atipharmed pharmaceutical company, established by direct investment, started its activity as one of the biggest hormonal plants for transferring the relevant technology to Iran.

This firm is the first to hold the GMP certificate of standard in the field of gynecology.

In Atipharmed plant the most modern equipments were installed, and all manufacturing procedures are highly controlled. This is why Atipharmed is known as a reliable partner for international companies.

Atipharmed has offered 20 pharmaceutical products in the field of women's health to the country's pharmaceutical market.





Atipharmed plant: Barekat St., Shafa Ave., Karaj-Ghazvin highway

## ALBORZ ZAGROS

### EXCLUSIVE PLANT FOR MANUFACTURING HAZARDOUS PHARMACEUTICAL PRODUCTS

Alborz Zagros is the only Iranian pharmaceutical plant which achieved OEL5 standard in manufacturing hazardous products.

This pharmaceutical plant has the highest quality grade in Iran and the region and manufactures its products in the form of pills and capsules in various fields like MS and transplant.





Alborz Zagros plant: Golestan1, Baharestan industrial town, Karaj

## ACTOBIOCHEM

### PLANT FOR MANUFACTURING ACTIVE PHARMACEUTICAL INGREDIENTS (API)

Actover holding has decided to launch its own plant to produce API.

The goal is to produce Actover's medicines with its own APIs. Also, Actobiochem will help other Iranian pharmaceutical companies to improve their qualities, so that they can enter the global market.

Transferring the latest technology of manufacturing and processing of the API has been unprecedented in Iran and is one of the greatest achievements so far.

Therefore, inauguration of Actobiochem plant will provide the country with world class pharmaceutical products, and will transfer the technology of APIs' manufacturing process to the country as well.

The production of APIs in various therapeutic areas such as cardiovascular, diabetes, anti-cancer, hormonal and anti-allergic is one of Actobiochem's honors, which is developed and improved by the efforts of young scientists.

Categories of the products:

**Cardiovascular therapeutic area :** Calcium Atorvastatin, Calcium Rosuvastatin, Valsartan Rivaroxaban, Nitroglycerin, Apixaban

**Anti-allergic:** Fexofenadine

**Diabetes medications:** Metformin , Empagliflozin, Sitagliptin

**Hormonal medications:** Progesterone

**Anticancer medications:** Bortezomib, Sorafenib, Gemcitabine, Nilotinib, Capecitabine, Erlotinib, Imatinib, Sunitinib, Dasatinib, Zoledronic acid

**Neurological medications:** Gabapentin

**Antibiotics:** Levofloxacin



The reactor for manufacturing API

## **NEXUS**

### **NUTRITIONAL SUPPLEMENT PLANT**

Nexus Company started its activity in September 2020, with the purpose of producing human drugs and nutritional supplements as well as recruiting professional personnel.

Actover holding has decided to localize and transfer the technology through its business partners. The main goal is to smartly hire the free capacity of the companies holding GMP certificate in order to reduce the expenses of additional facility construction.

Since the importation supplies the main portion of accessible supplemental products of Iranian market, Actover holding decided to transfer the technology through its business partners.

Nexus company has succeeded in obtaining valid approvals from the Food and Drug Administration to enter the list of companies that can produce supplements and human medicines.







Elite-Darou's transportation fleet

## FOOD DIVISION INTRODUCTION



Amadeh Laziz factory 2: 3rd Golestan, Baharestan Industrial city, Karaj-Ghazvin Highway



**COPA**

**Amadeh Laziz**  
آماده لذيذ

SUGAR FREE CHEWING GUM  
**fast**

**x-fast**  
SUGAR FREE CHEWING GUM

## AMADEH LAZIZ

### THE FOOD DIVISION OF ACTOVER HOLDING

Amadeh Laziz is an advanced company in manufacturing instant foods. This company was founded in 2003.

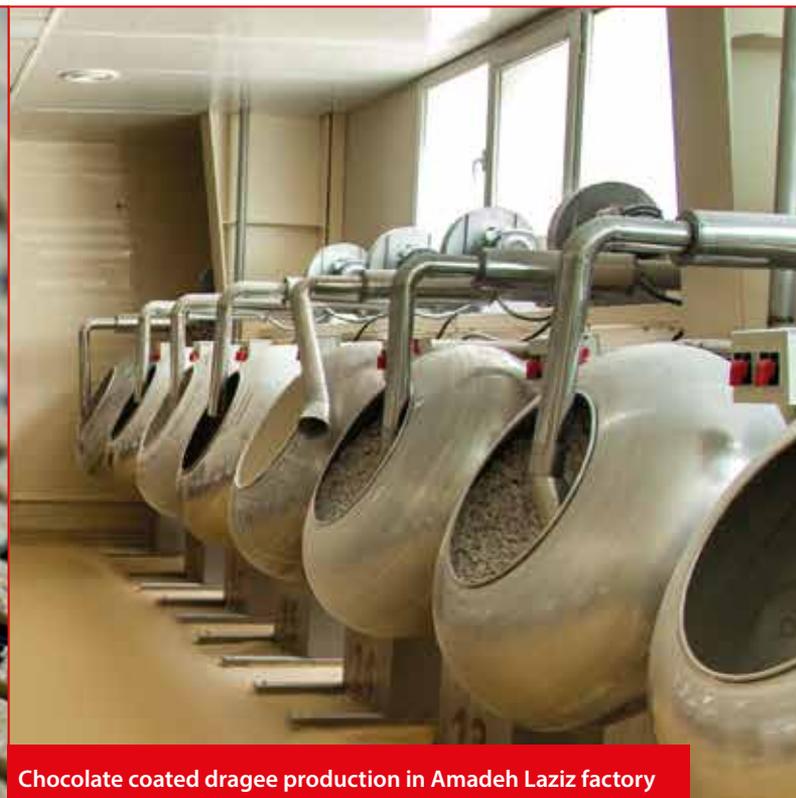
Amadeh Laziz manufactures high quality food products based on Iranian taste and does so in a building area of 69000 square meters in Karaj. About 2500 employees are working in this food division.

Amadeh Laziz applies quality raw materials to its products and is committed to following international standards.

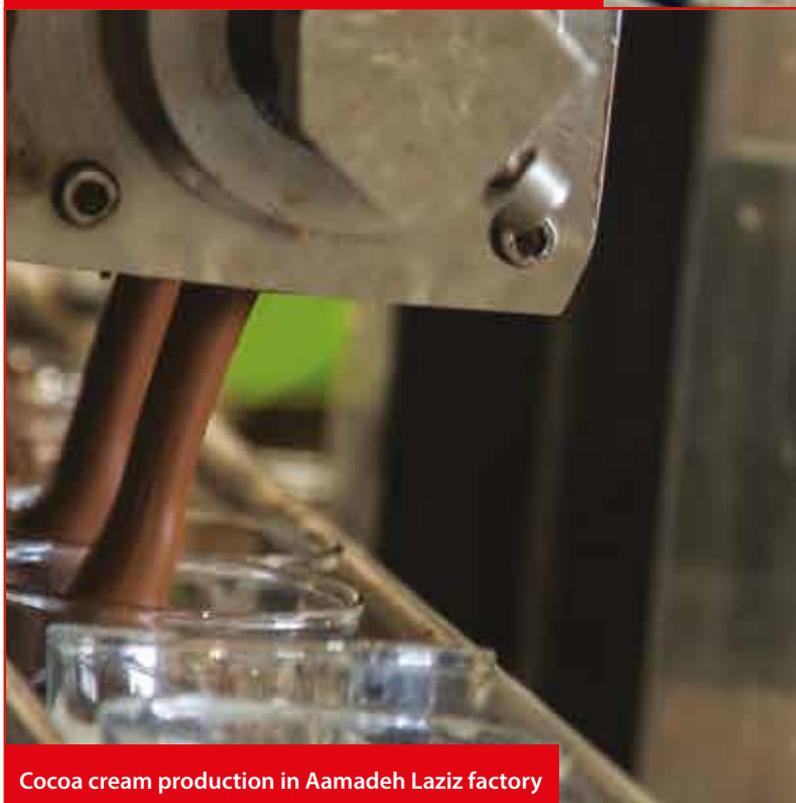




All types of biscuit production in Amadeh Laziz factory



Chocolate coated dragee production in Amadeh Laziz factory



Cocoa cream production in Aamadeh Laziz factory



Noodle production n Amadeh Laziz factory

## INTRODUCTION OF AMADEH LAZIZ BRANDS

### Elite

Elite is the main and oldest brand of Amadeh Laziz, which was registered in 2006. It is the first absolute market leader in dehydrated food segment, instant noodles, bouillon and instant soups. The products of Elite are manufactured by focusing on the quality and using the best raw materials, based on the international standards. By manufacturing the full prepared and semi prepared dehydrated products, such as Noodelite, soup, meat extracts, spices, pasta and spaghetti, olive oil, cup soup, Amadeh Laziz helps people to cook faster and easier.

More than 200 products are produced in Amadeh Laziz factories.

### Copa

Copa is the main brand of sweet products of Amadeh Laziz. This factory was founded in 2016 in Baharestan industrial area.

To name a few, copa offers toffees, candies, gummies and instant coffee.

### Other brands of Amadeh Laziz

Elite, Copa, Copa coffee, Fast (chewing gums), Halalite (semi prepared food), Aroma (coffee), Tam tam (biscuit), Molinari (olive oil), Tempo (juice), X fast (chewing gums), fit & fun (dessert)





Some of Amadeh Laziz's products

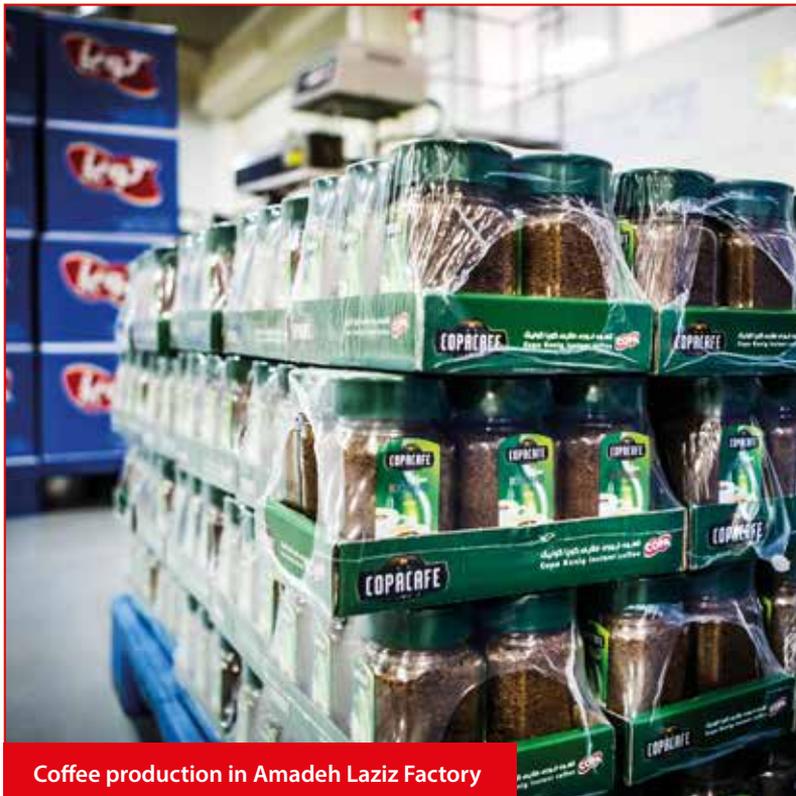
## Honors

Amadeh Laziz is one of the most successful food production companies during years of activity in this field. It could gain the title of the top exporter in Iran.



## ISO Certificates

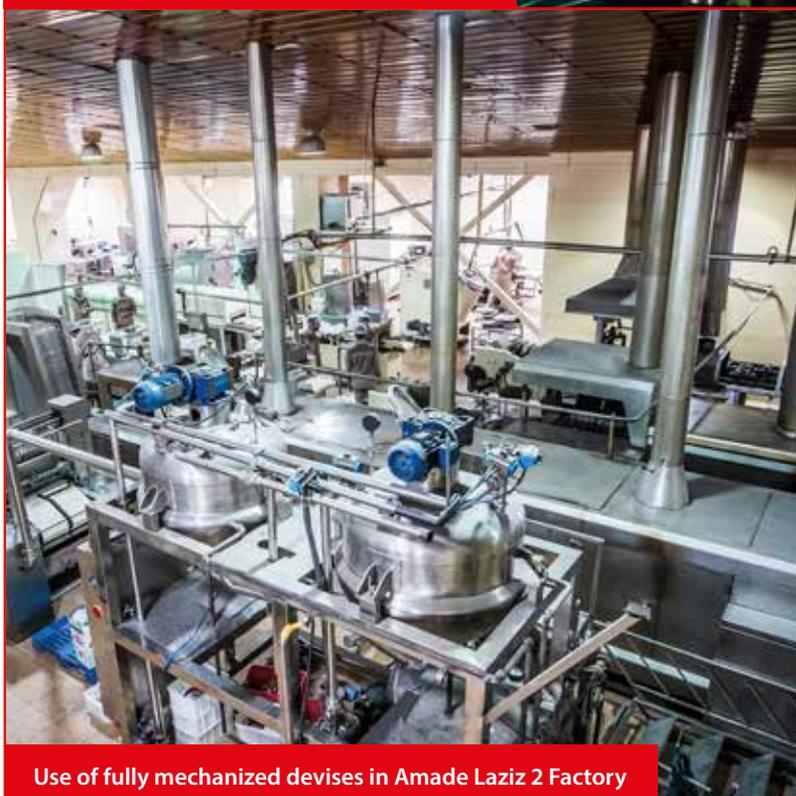




Coffee production in Amadeh Laziz Factory



chocolate coated dragee production in Amadeh Laziz Factory



Use of fully mechanized devices in Amade Laziz 2 Factory



Noodle production in Amadeh Laziz Factory

## **ALPA**

### **FOOD DISTRIBUTOR COMPANY**

This company was established in 2010, it covers over 150000 point of sales around Iran. The warehouses of this company are operating in an area about 40000 square meters. This company has 1000 personnel, and more than 100 vehicles to distribute the products.



Alpa transportation fleet

## SOCIAL RESPONSIBILITIES



Dr. Mostafa Naraghi school



## COLLABORATIONS WITH KAHRIZAK CHARITY

Actover founded " Dr. Mostafa Naraghi cultural and educational center" in collaboration with Kahrizak charity.

Now, the managers of Amadeh Laziz and Actover are the board of directors of Kahrizak: A charity foundation supporting elderly and disabled.

Currently the charity has 2000 social workers and, moreover, there are more than 2800 social workers supporting over 400 MS patients.

### **Dr. Mostafa Naraghi Cultural and educational center in Kahrizak charity:**

This center has been founded in Kahrizak charity center in 1997.

With the efforts of the officials and Naraghi's family, this center turned to " Kahrizak Applied Science Center" and now it has more than 3000 students, studying in associate and bachelor degrees.



Dr. Mostafa Naraghi cultural and educational center in Kahrizak charity

## DR. MOSTAFA NARAGHI CHARITY

This center was founded in 2007 and has established some educational centers such as Robabeh Tahbaz conservatory in Mashhad, Dr. Mostafa Naraghi conservatory in Karaj, with more than 50 personnels working in the branches.

The most important activities of this center are feeding of the poor, education, treatment and providing the dowries.

### **Dr. Mostafa Naraghi Charity: Establishing the high schools and conservatories**

#### **Robabeh Tahbaz Conservatory:**

This conservatory was established in 1998 in a substructure of around 1400 square meters, with around 500 square meters building area, and the capacity of 500 students.

#### **Dr. Mostafa Naraghi conservatory:**

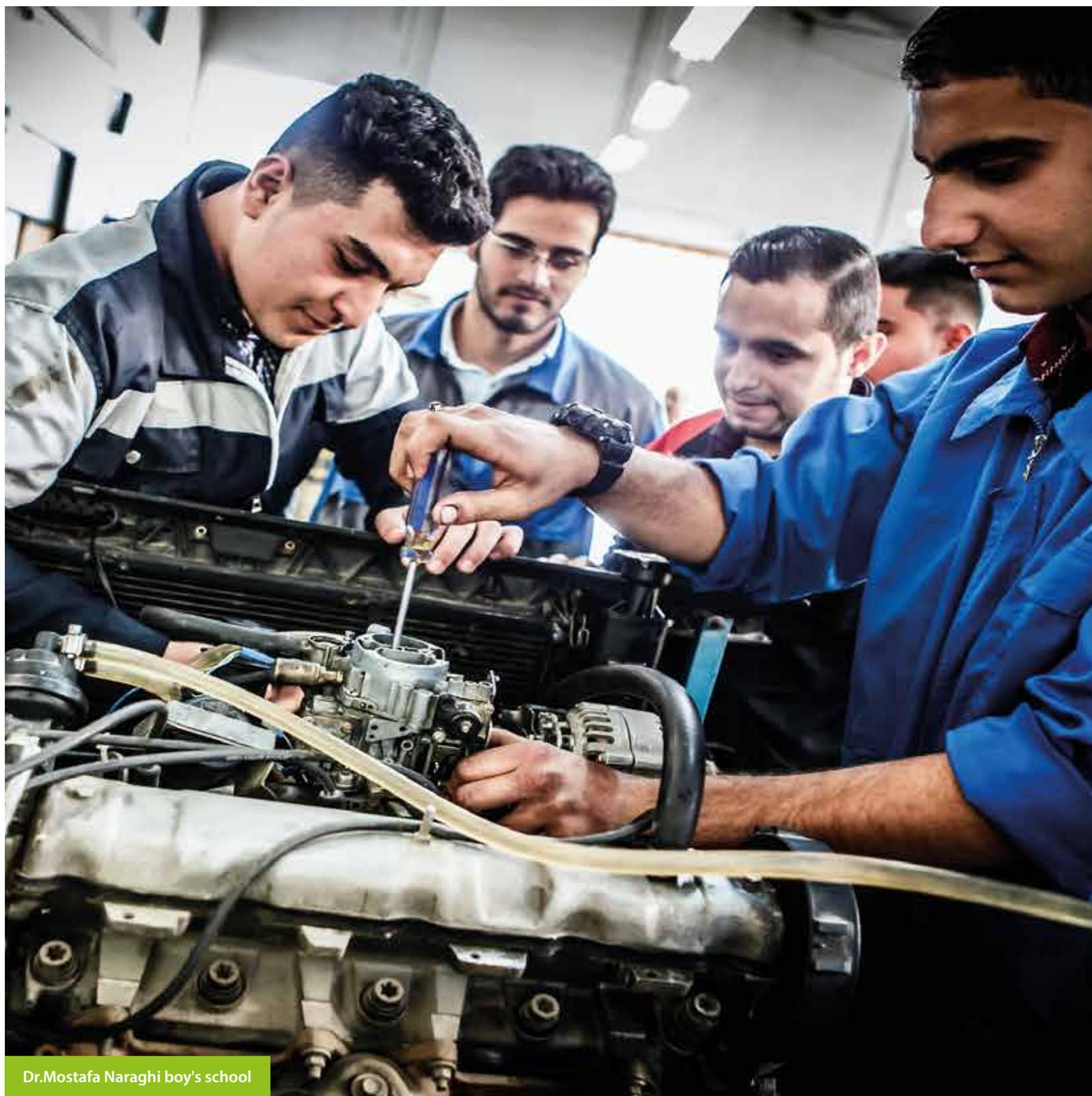
This conservatory has been established in 2002 in a substructure of around 4800 square meters, with around 1200 square meters building area, and the capacity of 400 students.

#### **Farvardin Tahbaz elementary school:**

This conservatory has established in 2018 in a substructure of around 1500 square meters, with around 600 square meters building area, and the capacity of 400 students.

#### **Bagher Tahbaz high school:**

This conservatory was established in 2018 in a substructure of around 1500 square meters, with around 600 square meters building area, and the capacity of 350 students.



Dr. Mostafa Naraghi boy's school







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