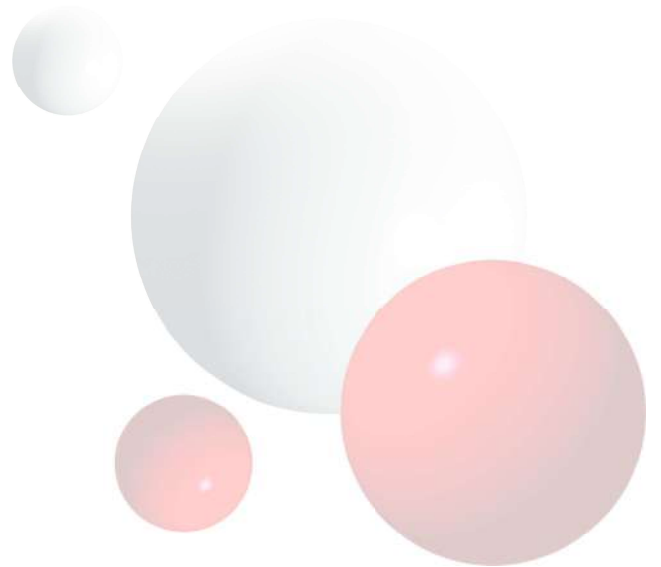


HASTEK®

PLASTIC TECHNOLOGY AND AUTOMATION SYSTEMS CO. LTD

Company Profile



» About us



Hastek Ltd Şti. was established in Istanbul in 1998 with more than 60 years of sectoral experience and knowledge about plastics. Since its establishment, it has adopted meeting the needs of the plastics industry with reliable system solutions, as well as creating high value for its stakeholders and employees, as its basic strategy.

Hastek Plastic Systems provides services with its headquarters, showroom and warehouse in an area of 3500 square meters in Kiraç, Istanbul, and with its Aegean Regional Directorate in Izmir.

Hastek Plastic Systems, with its expert staff, closely follows the developments in world plastic technology and provides machinery, automation systems, auxiliary equipment and most importantly, instant technical service to the Turkish plastic industry. It has been continuing its steady development since the day it was founded and represents companies of Asian and European origin that have proven their expertise in their fields and are branded.

Our Mission

Hastek Plastic Systems, which has the largest market share in the plastics industry in Turkey with its strong brands and wide product portfolio, supports plastic manufacturers in making the right investments and provides its customers with high quality, "instant technical service and spare parts support" with its after-sales service policy. offers innovative, reliable products and solutions.

Our vision

It aims to be a company that maintains its sustainable growth with the values that it creates for its stakeholders in the Turkish market. It is always trying to be preferred with its competitive power, trust and being sensitive to the environment and people.

» Who We Are?

...since 1962



● — 1962 — ●
HASMAK founded by our honorary president Mr. Hasan MANAV to produce screw and barrel for manufacture injection molding and other plastic machiens



● — 2000 — ●
Izmir regional sales and after sales services office established for better support to the local customers.



● — 2007 — ●
HASTEK moved to 2000 sqm area new building.



● — 2015 — ●
Adopted ERP system.



● — 2018 — ●
HASTEK moved to 3500 sqm area new factory.



● — 1998 — ●
HASTEK founded by Mr. Muharrem MANAV and Cem ÖZKARACALAR.

● — 2003 — ●
HASTEK KOLL Established in Catalca Free Zone Area for machine stocking.

● — 2011 — ●
2000 sqm area additional warehouse expansion.

● — 2017 — ●
With the new technologies and applications, HASTEK started offering turnkey solutions.

HASTEK[®]
Plastik Sistemleri



➤ What We Do...

...to build a strong-based business



As a Professional Engineering company, we provide project guidance to our customers from the moment they come up with an idea all the way to the production.

For us it is very important to know what we are selling. Thus we make sure our team gets necessary training.

Our aim is to make sure customer gets what they need. Therefore together with our experienced sales team and application engineers we carefully study customer requests and offer the best suitable products to match their needs.

After knowing the product, we do our best to offer the solutions to the customer whether it is stock availability, short lead time or payment.

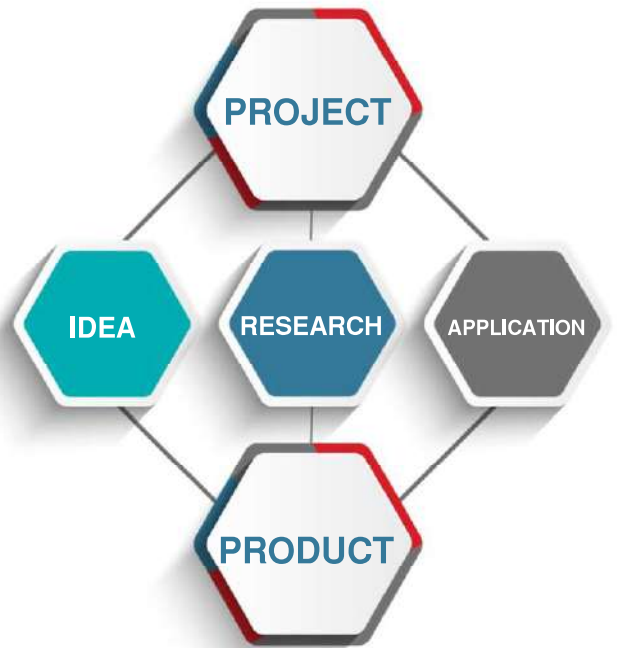
We think that customer satisfaction must always be a priority if you're hoping to build a brand and grow over time. We literally believe that and work accordingly.

» What We Do...

...from idea to product

Innovation and need for R&D has become the key elements of the modern era companies to survive. The ability of companies to maintain stability under competitive conditions is directly proportional to their ability to develop new products and processes efficiently. In order to achieve this competence, companies need to take very careful steps during investment planning and benefit from experience.

HASTEK at this point, as an effective business partner, provides full necessary project support to all its customers. As a Professional Engineering Company with 50 years of experience, HASTEK provides project guidance to its customers from the moment they come up with an idea all the way to the production.



...engineering to success

Updating knowledge is always the key factor to take us to the success.. Being constantly in touch with our manufacturers to improve our technical and sales skills leads us to maximize our customers satisfaction. We as a large engineering team always at our customers disposal to give training whenever they wish. Speaking of training we are also aware of our responsibilities to the young generation coming up. We support industrial schools with machinery and equipment donations as well as technical support.

...truly satisfied

After sale service is very important for HASTEK. We believe that after sale service should be accurate and fast. Thus we invest on our engineers and technicians, and also to the equipments and tools being used during the operation. Thanks to all our support we get from our manufacturers, we are able to keep spare parts in stock for prompt after-sale service.

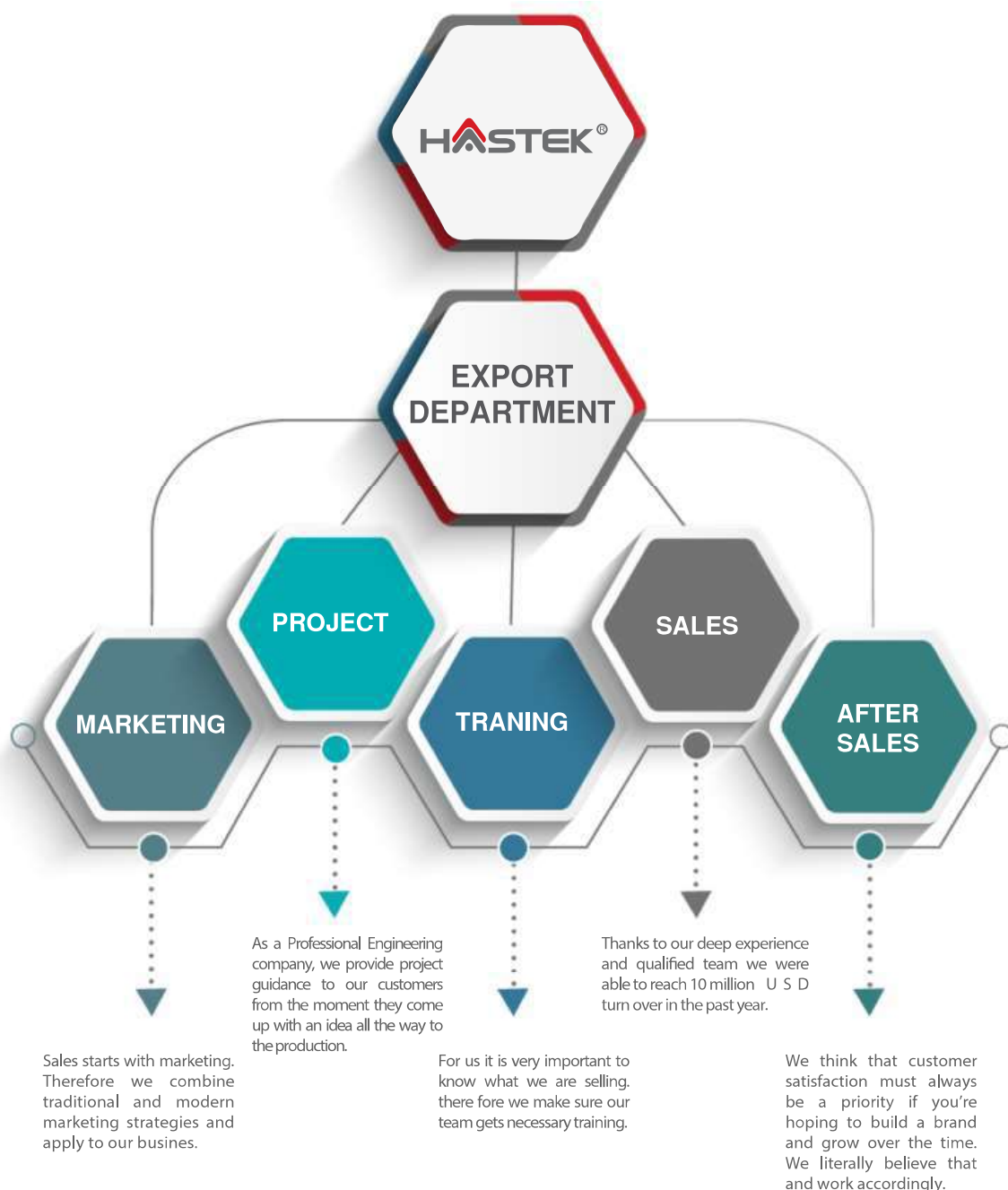
With our Izmir regional office we are able to cover entire country and do our best to maintain our machines and keep them running all the time.



» Export Department

...continous support and partnership

Hastek has been in the market since 1962. What kept us alive since then, unlike others, is the value we attach customers and serve them in the best terms we can. According to one of the satisfaction survey, we reached 99,2% satisfaction rate which is very close to the perfect. Now we are planning to take this to another level and share with our neighboring countries. Therefore a specialized Export Department established within Hastek, made of experienced staff dedicated to the export business. With the full support of the Technical, Custom and Logistic departments, Export Department becomes even more effective and fully capable of supporting customers outside Turkey, from choosing the right product until the delivery.



»» Our Products

...from World's leading manufacturers

HASTEK has been cooperating with the World's leading companies for almost 20 years. Thanks to the stock availability, HASTEK is able to offer immediate deliveries and after-sale service from its Istanbul Factory for various products thus helping customers to get up and run fast.

»» Plastic Injection Molding Machines

»» Vertical Plastic Injection Molding Machines

»» Industrial Cooling and Heating

»» One Stage Injection Blow Molding Machines

»» Robot and Automation

»» Raw Material Conveying

»» Drying and Dehumidifying

»» Mould Temperature Controllers

»» Dosing and Mixing

»» Size Reduction and Recycling

»» Metal Separation and Detecting Systems

➤ Plastic Injection Molding Machines

...expert of intelligent two platen IMM

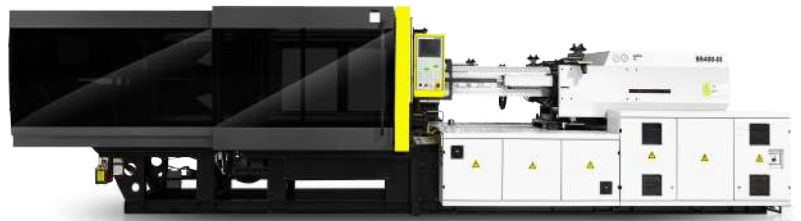


BU-V Series

Two Platen Plastic Injection Molding Machines
(500-6800 Ton)

Borche BU-V two platen injection molding machines can be widely applied to aero space field, automotive industry, transportation field, household appliance and construction. Thanks to adopted servo motor power system, it can save up to 80% energy compared to traditional machines.

Thanks to adopted magnet servo motor structure, it can save up to 80% energy saving and consistency. With BS series, it is possible to produce auto parts, visual parts requiring surface quality, medical and electronic parts.



BS Series

Servo Plastic Injection Molding Machines
(560-1800 Ton)



Bi Series

Brand New Interconnected Injection Molding Machines
(90-500 Ton)

Bi series is able to connect peripheral equipment and realize two-way data communication, which integrates the information of the peripheral equipment into the machines controller. Bi series can be linked with PC or mobile phone. User can easily monitor the status of the machines through the interconnectibility and its sensors inbuilt.

Bi-M series originates from Borche 20 year's intelligent IMM technology and innovation. It has advantages of strong power, precise control, stable performance, high versatility to meet different production requirements.



Bi-M Series

Universal Type Interconnected Injection Molding Machines
(90-500 Ton)

➤ Plastic Injection Molding Machines

...expert of intelligent two platen IMM



PET Series

PET Preform Plastic Injection Molding Machines
(160-500 Ton)

Borche PET series designed according to the specifications of PET material. Therefore it is equipped with upgraded Pump&Motor, high torque plasticizing motor and min 20.5 L/D. As a result of the additional features, PET series can perfectly match the difficulties of PET material and ensure the product quality and efficiency.

Achievement of 18 Years' Electric Machine Research First Choice to Replace High-end Hydraulic Machine



BD Series

New Generation Electric Injection Molding Machines
(130-460 Ton)



BM Series

Multi Component/Color Plastic Injection Molding Machines

BM series machine can work up to five different color or components. Borche is the pioneer of this field in Asia and completed many projects.

➤ Vertical Plastic Injection Molding Machines

...advanced and precise



MH Standard Machine Series

Clamping force: 10T to 500T
 Injection weight: 35g to 850g
 Vertical four columns clamping, vertical injection
 Suitable for insert injection molding process.
 Can be upgraded to servo motor for customer's need,
 can save energy from 50% to 70%.



MH Rotary Machine Series

Clamping force: 10T to 500T
 Injection weight: 35g to 850g
 Vertical four columns clamping, vertical injection
 Suitable for insert injection molding process.
 1 top mold, 2 bottoms mold design;
 Turn out the Clamping area by Rotation. Put insert part into outer mold
 and inner mold injection at the same time,
 Can be upgraded to servo motor for customer's need, the actual energy
 save 50%~70%.



MH Double Sliding Machine Series

Clamping force: 10T to 500T
 Injection weight: 35g to 850g
 Vertical four columns clamping, vertical injection
 Suitable for insert injection molding process.
 1 top mold, 2 bottoms mold design; Table slid out, put insert part
 into outer mold and inner mold injection at the same time,
 Effective to improve production capacity, flexibility and safety.
 Can be upgraded to servo motor for customer's need, the actual
 energy save 50%~70%.

Other Products

- Umbrella Rib Machine Series
- Two Color Machine Series
- C Type Machine Series
- Vertical Clamping – Horizontal Injection Machine Series
- Thermosetting Machine Series
- Single Sliding Machine Series

➤ One Stage Injection Blow Molding Machines

...feel free to imagine. We make it happen

This four station hybrid Injection Stretch Blow Molding (ISBM) machine is designed for production of containers with a wide variety of shapes, including special design of neck finishes. It features a compact layout, while enabling a quick change-over between different mold configurations, combined with high energy efficiency.

SP25 4-Stations ISBM Machine



SP80 4-Stations ISBM Machine



- Top quality machine produced using state of the art components and totally manufactured in Italy
- Extremely robust design
- Top quality molds produced with highest quality materials and over 30 years of experience on single stage mould design and manufacturing
- Servo driven electrical motors for injection unit and blow mold open-close, for fast, precise, repeatable and energy efficient movements
- Fast dry cycle (<3,5 s)
- Machine compatible with molds from other OEMs by using adaptation kits
- Possibility to produce sophisticated and complex bottle shapes thanks to preform design experience, high performance conditioning station's heaters and possibility to use high pressure blowing compressed air (up to 40 bar)
- Highly user friendly: top class graphic control panel (HMI)
- Possibility to install quick and easy changeover system in order to minimize safety risks, changeover time and to maximize up time (as an option)

➤ Industrial Cooling & Heating

...the original frigo

GRA Series

Air Condensed Water Chiller Units with Scroll Compressors
GR1A(C/V), GR2A(C,V)



The water cooling units GRA series are compact units condensed by air. They are manufactured in two different versions: with built in tank or for an external tank (V). The chiller of the GRA series are available in a modularly expandable version (C) that allows the connection to other units of a similar or different cooling capacity in the future.

The GRA series is designed especially for cooling to machines working in the industry of plastic and rubber, die casting machines, electroplating plants, ceramic presses and other industrial processes.

BR Series

Dry Coolers
BRW/A, BRW/Hp, BRG/A

The BR series cooling batteries are closed circuit cooling systems capable of dissipating the heat generated during production processes without requiring water consumption and using only the lowest possible energy levels. These units essentially consist of one or more finned exchangers with copper tubes and aluminium fins, a hydraulic circuit featuring a pump, axial fans and a control panel. A stands for Adiabatic system and G for without glycol systems.



IFGA Series

Air Condensed Water Chiller Units with Screw Compressors
(IFGAV-IFGAC)



The new IFGA water refrigerating units are monobloc units with air condensation made with an internal tank or for external accumulation (V).

Available in a modular version (C), with the possibility of combining various modules also with different potential and at successive stages. The IFGAC series is particularly suitable for cooling machines for processing plastics and rubber, die-casting machines, galvanic systems, presses for the ceramics industry and any other industrial process.

➤ Industrial Cooling & Heating

...the original frigo

GTW Series

WATER THERMO-CHILLER UNIT with Water Condensation (-5°C / 90 °C)

Designed for cooling or heating moulds of plastic injection molding machines and any other industrial process that require temperature control in the range -5°C to +90 °C.

GRWC Series

WATER CHILLER UNIT with Water Condensation (-5°C / 25 °C)

The GRW range is especially suitable for cooling moulds of plastic processing machines and other industrial process that require temperature control in the range -5°C to +25 °C.



TW-WTA-ETW-WTP-OTA Series

WATER, PRESSURIZED WATER AND DIATHERMIC OIL THERMOREGULATION UNITS



With this series of temperature control units, we are able to provide solutions for different temperature demands from 90°C up to 350°C. Please contact us for more details.

SIRE - SIREG Series

Energy Saving Integrated Cooling System

SIRE is a sophisticated, completely automatic, process water cooling system. SIRE is constructed in the condensed water version, with a Free-Cooling system inside, permitting the production of cold water in medium/cold periods at decidedly low costs. In this way up to 80% energy saving is obtained, always guaranteeing a cooling yield with a very high COP of 5.6. Unlike SIRE, SIREG can be used without GLYCOL.



» Robot & Automation Systems

...upgrade your production system

Three Axes Servo Driven Robot ST3



The ST3-S series robot is designed for rapid and precise removal of products from injection molding machine, and place them at desired locations. Apply to 2-plate mold or hot runner system. Capable of arranging, stacking, quality checking and in mold placement. Suitable for injection molding machines with any tonnage.

Swing-arm Robot - SS

The SS series robot is designed for rapid and precise removal of sprue or runner from injection moulding machine, and place them into granulator for recycling. Simple product removal is applicable with optional vacuum generator and EOAT. Suitable for injection moulding machines under 250t clamping force.



➤ Raw Material Conveying

...upgrade your production system



SAL series conveying systems are designed to transfer granular raw materials for any kind of plastics processing applications like injection molding, blow molding and any kind of extrusion. There are many vacuum blower alternatives from 1HP to 20HP. The receivers and blowers are chosed depending on the transportation distance, production capacity. For multi processing machine applications, complex central conveying solutions can be realized.

➤ Drying and Dehumidifying

For all kind of plastics processing applications, raw materials like PA, PC, PET, PBT, ABS are higly used. Such kind of thermoplastic raw materials absorb moisture from ambient air vey easily. SD series dehumidified dryer are designed to be used for lowering the moisture content of thermoplastic materials.



➤ Mould Temperature Controllers



STM-W/O series dual-purpose heaters are used to heat up the mould and maintain temperature, and also they can be used in other similar applications. This series of machines can use oil or water as heat transfer media according to different production processes, as to adapt to different production conditions. Besides, this series of models have multiple options and accessories to meet different production demands.

» Dosing Systems

...upgrade your production system

MAGUIRE

Maguire Blending Systems

WSB type multi component blenders are used to blend main granular materials with other plastics materials like regrind, flake, masterbatch and various additives. They are designed in gravimetric weighing technology with high accuracy dosing performance. There are many models of blenders and therefore up to 12 components can be dosed and blended from 20kg/h to 5,5ton/h with those various models.



M | MOVACOLOR

Movacolor Dosing Systems

MC series single component dosing systems are designed to be used either volumetrically or gravimetrically. The standard models can be used for injection molding machines, blow molding machines and all kind of extrusion applications with automatic extrusion capacity control capabilities.

SHINI

Shini Dosing Systems

SCM series single component volumetric dosing systems and SGB series multi component gravimetric blending systems are available with high product range.



➤ Size Reduction and Recycling

...upgrade your production system



Granulators

For recycling all kind of plastic rejects, SG series granulators are used. For small parts like sprues low speed sprue granulators, for medium and big parts, sound proof and blower discharge type granulators are available.

At all granulators, high quality blades, strong cutting chamber and robust power transmission systems are used.



Shredders and Granulators

Shredders and Granulators are small - medium size reduction machines suitable for processing a wide range of materials to a uniform particle size. The output products created can often be sold as is, or be sent for further processing through additional equipment (granulators briquetters etc). Throughputs typically range between 300kg/hr - 5,000kg/hr+ depending on the machine model, material type, screen size and application.

➤ Metal Separation and Detecting Systems

...upgrade your production system

Freefall Applications

QUICKTRON series metal separators are used for freefall applications ; like granulator discharge, silo discharge. Thanks to MESUTRONIC detection technology, they are able to detect all kinds of metals like steel, stainless steel, copper, aluminium and brass. High speed separation slides avoids separation of plastics materials as low as possible. Therefore, your plastics production and also granulators are protected against metals, thus eliminates unnecessary production stops, hi-cost repairs, quality problems and machine failures like molds and screw/barrels.



Quicktron 05 A



Quicktron 03 R



Plastron 05 K

Processing Machine Throat Applications

PLASTRON series metal separators ,so-called “last chance separators”, are used to detect all kind of metals at the throat of the processing machine. Therefore, your plastics production is protected against metals, thus eliminates unnecessary production stops, quality problems and machine failures like molds and screw/barrels.

Tunnel Detectors

METRON series tunnel detectors are designed to be mounted on any kinds of band conveyors. They are used to protect the machines like granulators and its blades. They are also applicable for detection of metals in final products for quality check.



Metron 05 D

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