Company Profile
HASTEK was founded 20 years ago in 1998 as the successor of Hasmak which was one of the first injection molding machine manufacturer in between 1962-1998 in Turkey. Hasmak manufacturing facility was closed 20 years ago and HASTEK has been serving the Turkish Plastic Market since then. Coming from an Injection Molding Machinery manufacturing business gives HASTEK a deep knowledge of processing and understanding customer’s needs.

Total number of sales and after sale technicians working at HASTEK doubles its closest competitor. Istanbul headquarter has more than 50 employees and Izmir branch has 5 employees.
About us

...from Istanbul to the World

Vision
To be a pioneering company that will enable the plastic processors to be competitive at local and international level by supporting them all the way from idea and project, to the to investment and product.

Mission
Giving professional sales and after sales support to our customers and constantly improve our products according to the needs from the industry.
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.

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.

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.
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

...continuous 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.
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.

Our Products

...from World’s leading manufacturers

- Plastic injection molding machines
- Vertical plastic injection molding machines
- One Stage Injection Blow Molding Machines
- Industrial cooling and heating
- Robot and automation
- Quick mold change systems; Magnetic & Hydraulic
- Material handling
- Dosing and mixing
- Metal Seperation Systems
Plastic Injection Molding Machines

...expert of intelligent two platen IMM

Borche BU two platen injection molding machines can be widely applied to aerospace 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.

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.
Plastic Injection Molding Machines

…expert of intelligent two platen IMM

BT Series Variable Displacement Pump Plastic Injection Molding Machines are designed to match the requirements of high speed applications with relatively fast cycle times. Thanks to adopted special hydraulic pump, it can save up to 40% energy.

PET Series
PET Preform Plastic Injection Molding Machines (80-650 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 24 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.
Plastic Injection Molding Machines

...the best of Taiwan

The new generation FA series offers unmatched energy efficiency with its servo hydraulic system. KEBA PLC control unit is adaptable with FCS IMF 4.0 to enable factories to adapt to intelligent management systems.

Produced based on huge experience and high technology of FCS, the SD series offers all the important features such as long life - high quality production – precision – efficiency and energy saving by servo system to the users.

LM series machines produced by FCS for more than 10 years come into prominence especially produced some parts in automotive sector like bumper, front grille, fender and various kind of interior parts such as precision and visuality are important, special process is needed for.

The most important standard feature that makes the AD series stand out is the ability to make movements of charging - clamping and ejecting or hydraulic core movements simultaneously. Thanks to the parallel movements, very fast cycle times are obtained and production efficiency is maximized.

AF series High Speed Injection Molding Machines provides, ESD (Electric servo drive) for charging - Closed-loop Servo Moog valve for Closed Loop control - ACC (Accumulator) and Servo motor energy saving system as standard. Furthermore, thanks to its reinforced toggle and mechanical structure, long life span is guaranteed.
Plastic Injection Molding Machines

...the best of Taiwan

It is a multi-component and rotary table machine series produced proudly by FCS with 35 years of experience. Special products are produced combining different raw materials or different colored raw materials of the same characteristics by rotary table which can be rotated by 180 degrees and two or more injection units.

FB-R Series (140 - 1600 ton)

FB-T Series (160 - 400 ton)

It is a series of machine for special products such as toothbrushes, handles and some household appliances which are produced by combining raw materials with different properties or raw materials with same properties but colored different.

FB-C Series (100 - 350 ton)

This type of machines have double injection units which positioned as parallel. There is a special manifold system in front of two injection units, which two same raw materials but colored separately go into.

HB-R Series (350 - 1900 ton)

HB-R series machines and especially in HB-R 1900, the effect of external forces such as gravity and inertia caused by the vertical rotation of the turntable is prevented. FCS has developed the HB-R series from this point of view. In addition, these machines can be used in the production of single-component products and double the capacity.

Other machine series produced with FCS experience and expertise are as follows;
- PET preform injection molding machines (200 – 750 tons)
- HR series Rubber injection molding machines (100 – 250 tons)
- BMC series injection molding machines (150 – 1000 tons)
- HD-UV Thermoset Injection molding machines (90-260 tons)

You can get more detailed information regarding to above machine series from Hastek’s specialists.
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
- Thermo-setting 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.

- 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-TWP-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.
Quick Mold Changing Systems
...overturn the traditional mold change method

Magnetic Platen Specification and Spare Parts

01 Reserved holes
Reserve all mold ejector holes.

02 Base plate
Processed by one-piece steel plate, neutral without magnet, higher stiffness.

03 Wiring box
Reasonable design, easy to maintain. Built-in signal acquisition board.

04 Proximity sensor
Used for measuring the gap between the electro-permanent platen and the mold back plate, alarm immediately when the gap larger than 0.2mm, ensure the security of operator, equipment and mold.

05 Flux sensor
Check the magnet saturation and intensity.

06 Steal sealing
Steel plate, one-take shaping, better sealing, longer service lifetime.

07 Magnet collection ring
Optimized magnetic circuit design makes better magnetic performance.

08 Centering ring
Used for positioning mold rapidly, hardening treatment, durable, removable design.

09 Extension plate
Could reserve holes for roller, used for side loading.
For all kind of plastics processing applications, raw materials like PA, PC, PET, PBT, ABS are highly used. Such kind of thermoplastic raw materials absorb moisture from ambient air very easily. SD series dehumidified dryer are designed to be used for lowering the moisture content of thermoplastic materials.

Conveying Systems

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 chosen depending on the transportation distance, production capacity. For multi processing machine applications, complex central conveying solutions can be realized.

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.
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.

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.

SCM series single component volumetric dosing systems and SGB series multi component gravimetric blending systems are available with high product range.
Metal Separation 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 avoid separation of plastics materials as low as possible. Therefore, your plastics production and also granulators are protected against metals, thus eliminates unnecessary production stops, high-cost repairments, quality problems and machine failures like molds and screw/barrels.

Processing Machine Throat Applications
PLASTRON series metal separators, so-called “last chance separators”, are used to detect all kinds 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.
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