آسکومنت

ASCOMENT

آذین صنعت فراگستر پارسیان

ATALOGU
GUE

About Us

Azin Sanat Faragostar Parsian Company (Ascoment), with over 30 years of experience in the field of manufacturing various extruder ball screw segments and precise industrial parts, is proud to collaborate with reputable companies producing industrial powder coatings, plastic injection, petrochemical companies, etc. By possessing modern global technology and relying on our extensive technical experience and capability, we have been able to take a significant step in providing technical and engineering services for the design, manufacturing, and localization of parts and equipment across various industries.

Some of the services and products of this company include:

- **.Types of cylinders, screws, and heating systems**
- **.Types of single-screw and twin-screw barrels**
- **.Types of single and double flight screws**
- **.Types of cam, conveying, and other segments**
- **.Types of splined shafts**
- **.Types of classifiers and liners**
- **.Types of pin discs**
- **.Types of ball screws**
- **.Types of nuts and bolts in various sizes (Acme, trapezoidal, etc.)**

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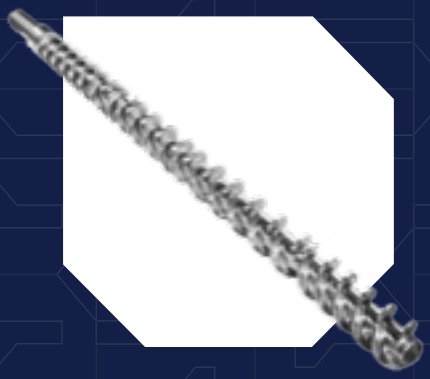
Products

Manufacturer of Various Cylinders, Screws, and Heating Systems & Elements



The barrel is essentially the frame in which the liners are placed; elements are installed on them, and they have water channels that can control the temperature of the materials inside the extruder.

Twin-screw extruders (extruders with more than a single screw) are largely built as compounding devices for the uniform blending of plasticizers, fillers, pigments, stabilizers, and other additives within the polymer. Subsequently, twin-screw extruders have also found applications in the processing and manufacturing of plastics from recycled materials. Operating a twin-screw extruder has many differences compared to a single-screw extruder, which are highly notable for users and manufacturers.

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Manufacturer of Various Single-Screw and Twin-Screw Barrels

The cylinder and screw are responsible for feeding, melting, conveying, mixing the polymer, and building pressure behind the die.

Cylinders and screws are typically made of solid carbon steel, and nitriding them to a depth of 0.3 millimeters provides them with hardness. However, if they are used for highly abrasive materials such as glass fibers, mineral fillers, or other fibrous reinforcements, corrosion-resistant series with volumetric or surface hardening operations are utilized.

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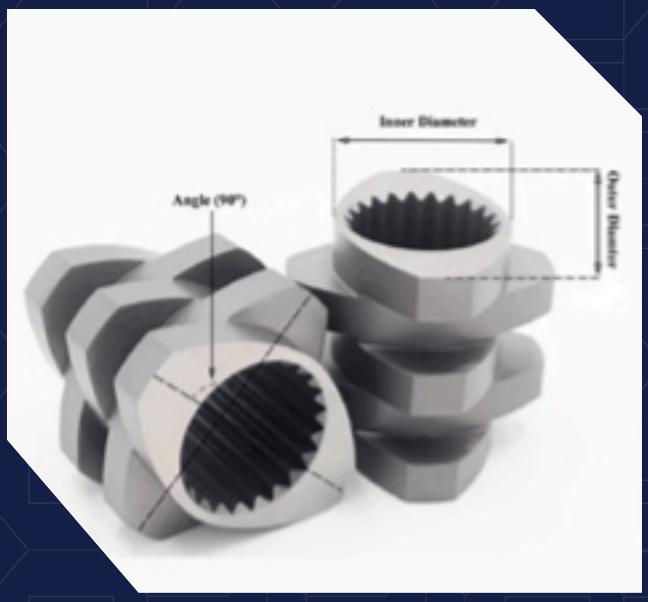
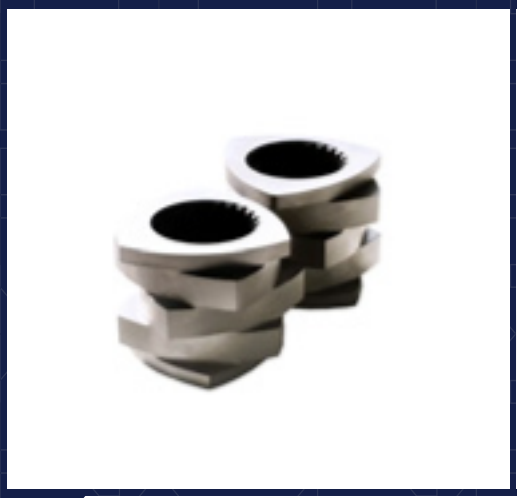


Manufacturer of various double and single screws.



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Manufacturer of Various Extruder Segments (Cam, Conveying, etc

One of the features of almost all twin-screw extruders is their modular design. The screw profile can be easily adjusted to the specific requirements of a processing task. For this purpose, screw sections—also called screw elements—are mounted on a common shaft. Different sections of the screw are designed for conveying, compressing, reverse conveying, creating barriers, and kneading.

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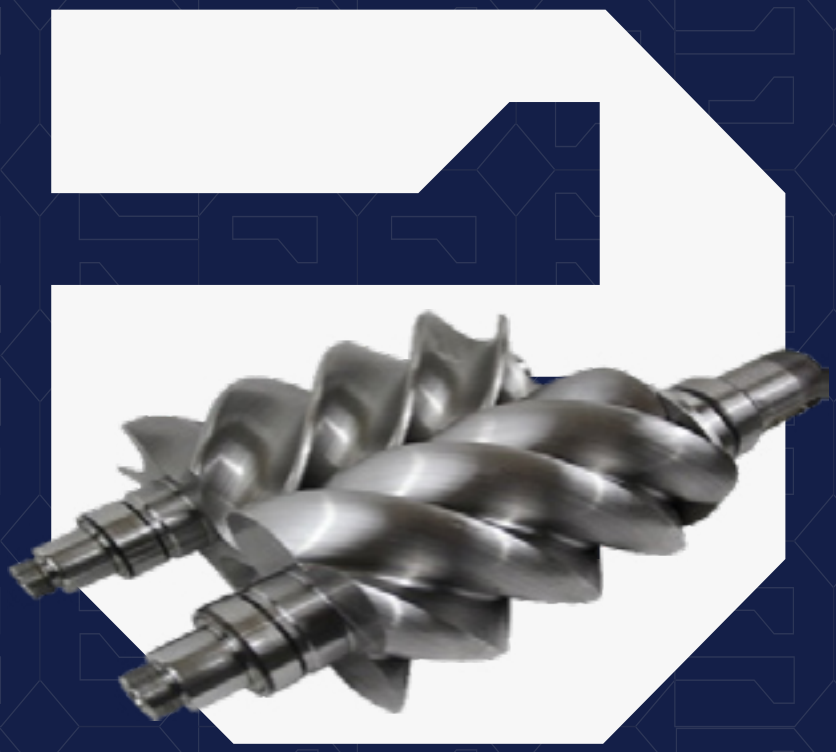
Manufacturing and production of various classifiers, pin discs, and line



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Manufacturer of various types of ball screws, Acme screws, trapezoidal screws, and phosphor bronze components.

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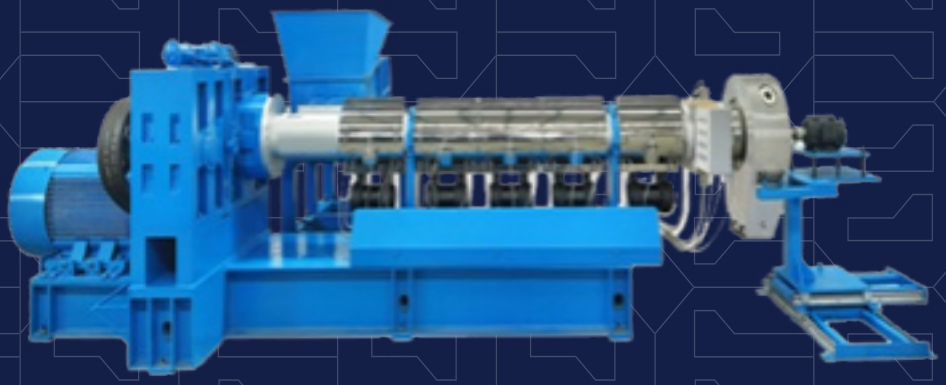

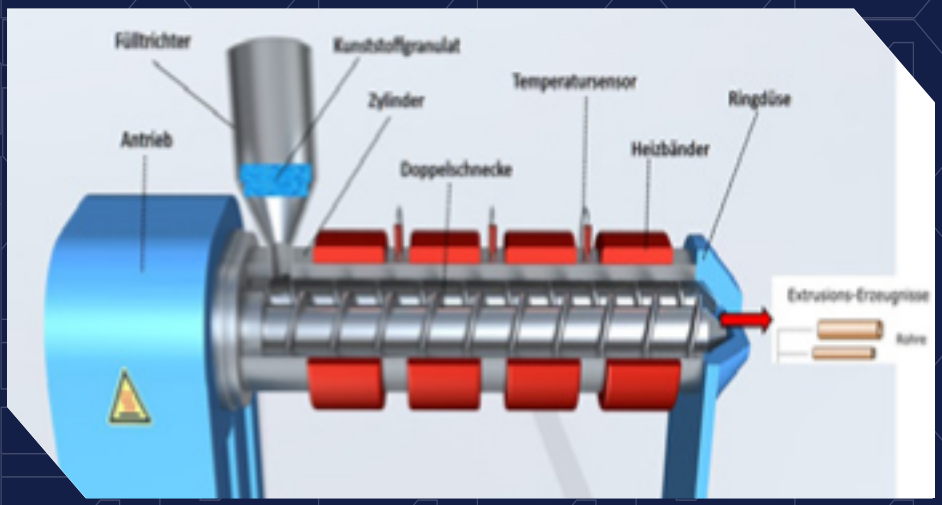

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