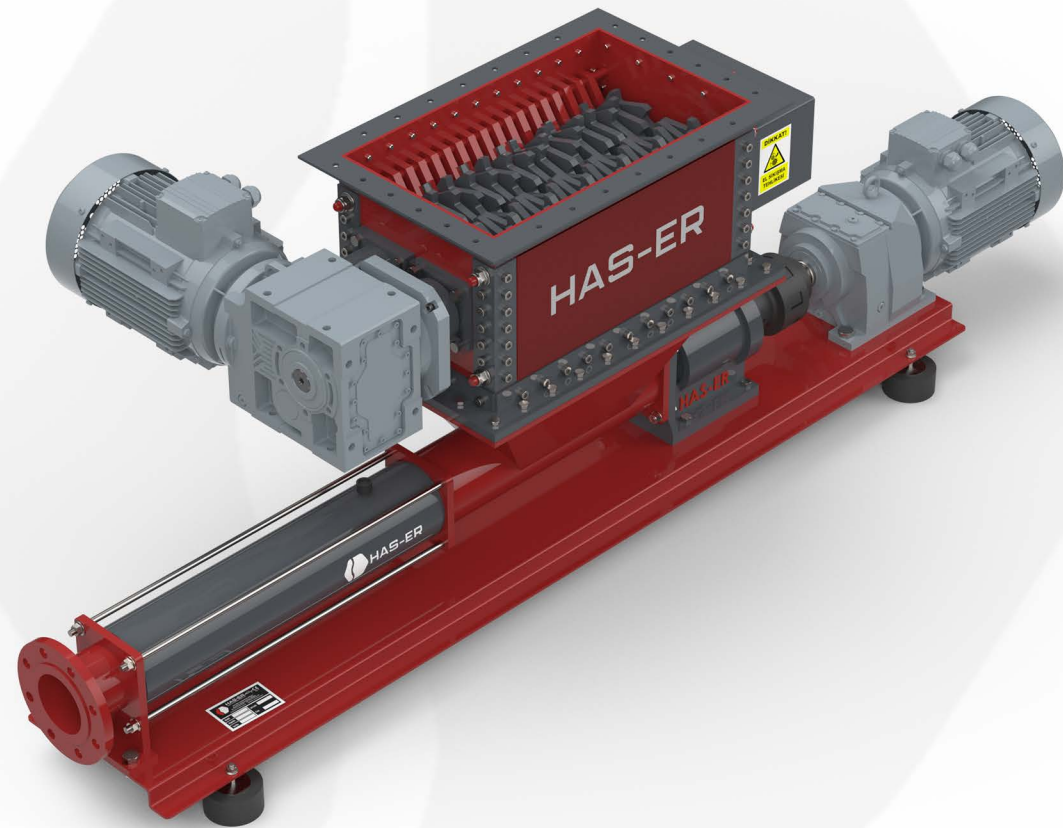


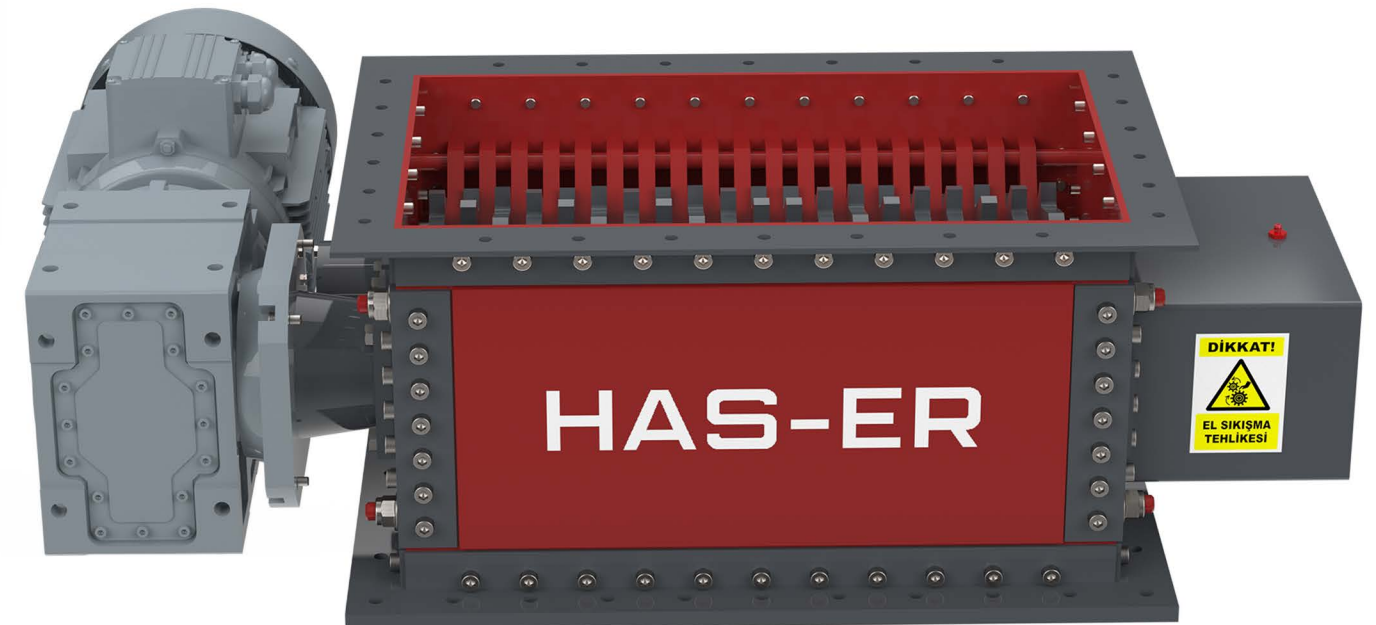


HAS-ER[®]
M O N O P U M P

Zorlu Akışkan Transferinde Çözüm Ortağınız



HS-SHREDDER



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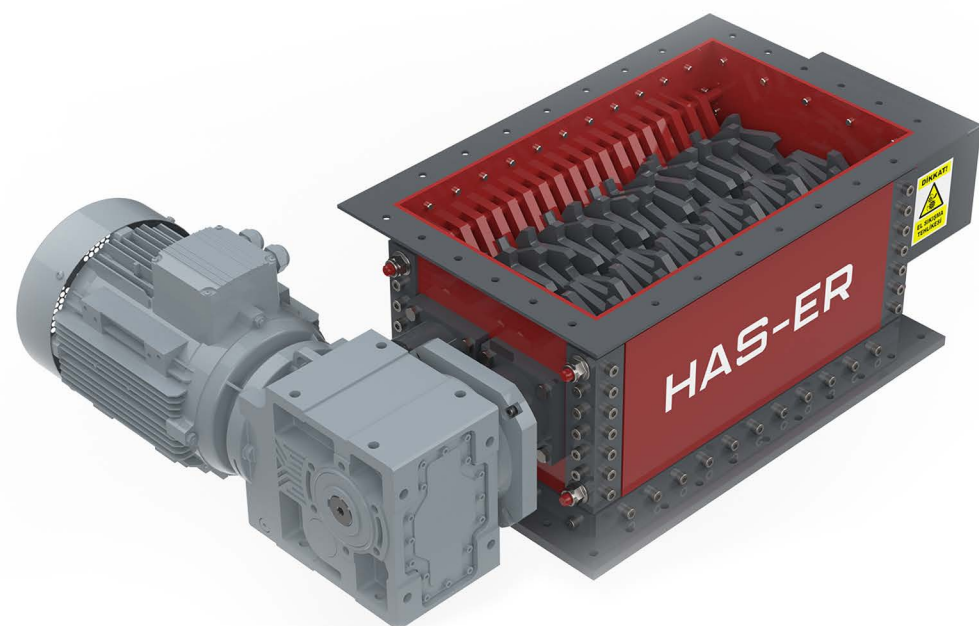


ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ
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We, HAS-ER MONOPUMP, are proud to convey our professional manufacturing and international sales experience to you since 1991. We share with you all our experiences from the past to the present.

In today's conditions, in line with the changing needs of the customers in the ongoing times, we develop solutions that can respond to customers one-to-one by combining them with a unique service approach in the fastest way and quality.



HS-SHREDDER

Working Principle

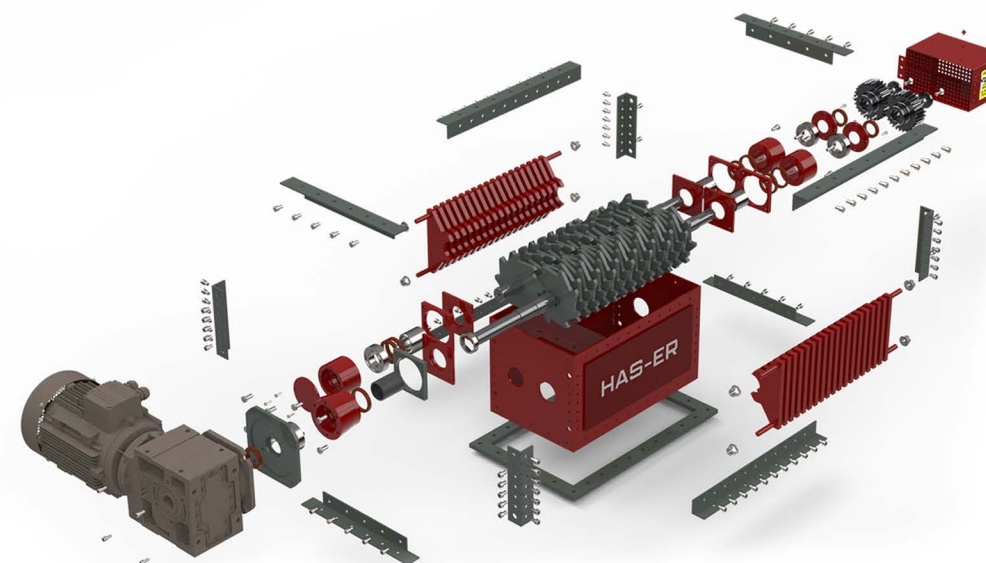
Shredder machines transmit the drive it receives from the motor and reducer to the middle moving shaft.

It evenly divides the product stuck between them and breaks the particles into smaller particles.

Powerful gearbox and solid main drive for transmission spindle is used, knives are hardened special from steels or according to application areas. It is produced from stainless materials.



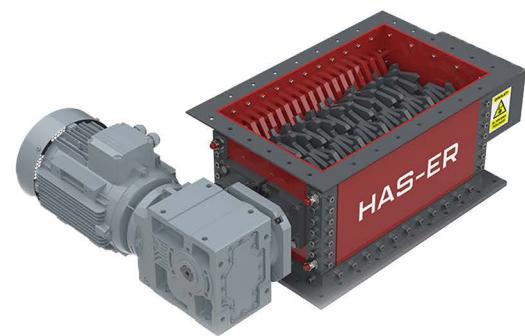
The side walls between the knives are designed both to work more easily and to prevent the products that can get tangled between the knives. The side walls are connected to the main body with centering studs.



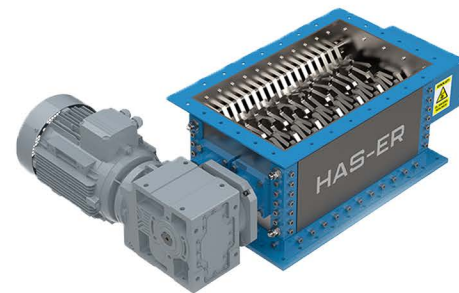
Purpose of Usage

The shredders we produce are used in industrial areas for the disposal, transportation and transfer of organic and inorganic materials.

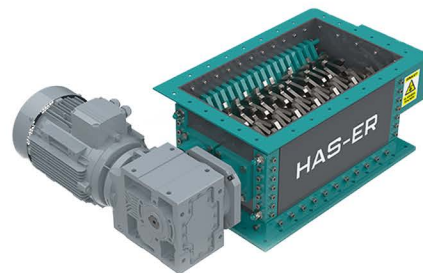
It is produced for the separation and recycling of materials that occupy a large volume in mass into smaller pieces.



HS-100X150 SHREDDER

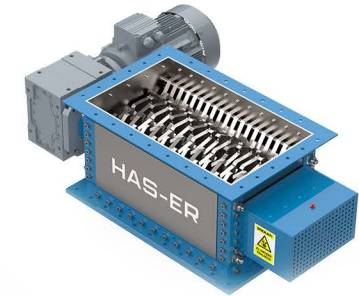


HS-50X100 SHREDDER



HS-35X60 SHREDDER

Material Options



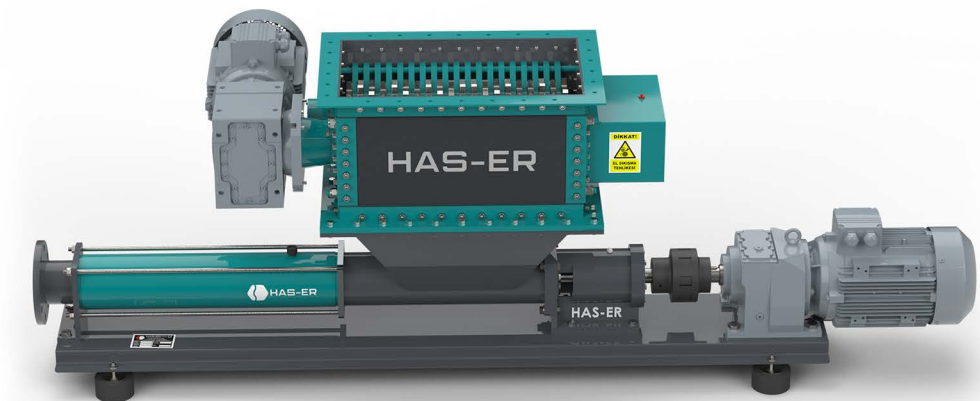
Material selection is produced in line with the characteristics of the product to be shredded or customer demands. Some of the material options produced are as follows.

Main Body Options :

- Alloy Steel
- Stainless Steel

Knife Options :

- Alloy Steel
- Cast Steel
- Stainless or Aluminum



Side Wall Options :

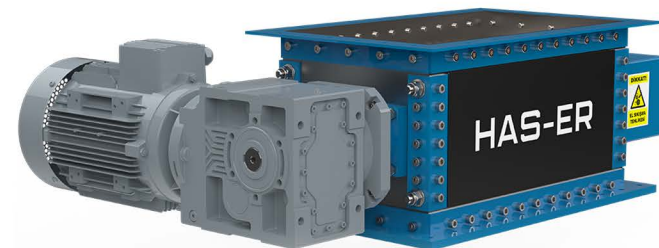
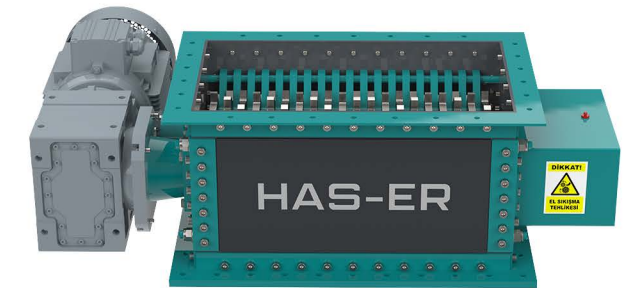
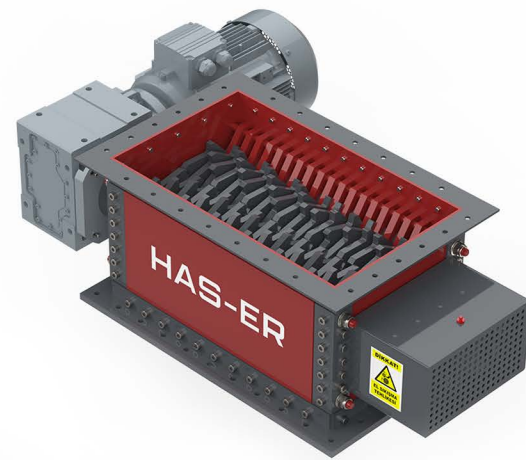
- Alloy Steel
- Stainless Steel

Drive Shaft Options

- Alloy Steel
- Stainless Steel

Usage Areas

- Chemical and Petrochemical Industry
- Food and Pharmaceutical Industry
- Farming
- Mining



- Waste Water and Recycling
- Biogas and Fertilizer
- Solid Waste
- Agriculture Industry

