



Four Shaft Shredder

JUST SHRED IT, THUS SORT IT.

harden



Contact Harden for professional shredding and recycling solutions.

HARDEN MACHINERY LTD.

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About Us

Harden Machinery Ltd. was founded in 2010, located in Zhongshan city, Guangdong Province, China, one of the first professional design manufacturers for solid waste shredders and solid waste processing systems.

With professional technology research and development capabilities, high-quality products and perfect after-sales service, Harden has developed into a leading enterprise for solid waste processing in China. Products were sold all over the world, and recognized by customers.

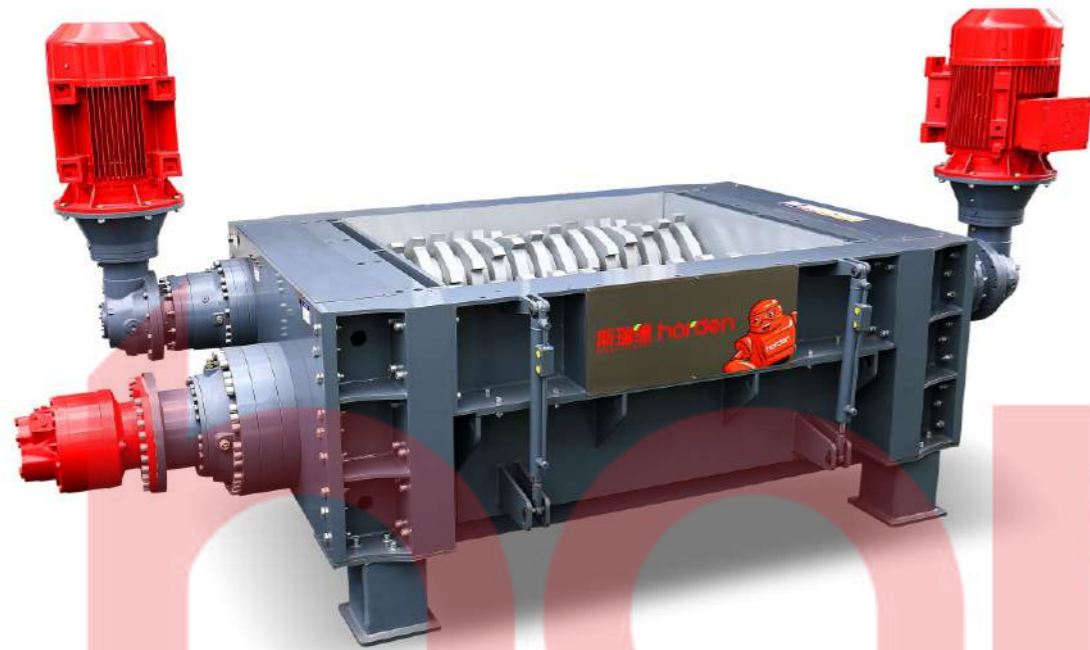
Core Advantages of Harden

- Leading enterprise for solid waste processing in China
- Cooperates with European companies
- Full ranges of products
- Famous brand configuration for core components
- The largest R&D scale for solid waste processing in China
- More than 10 years experience in waste industry
- Perfect solutions for solid waste
- More than 1,400 cases domestic and overseas

Four Shaft Shredder

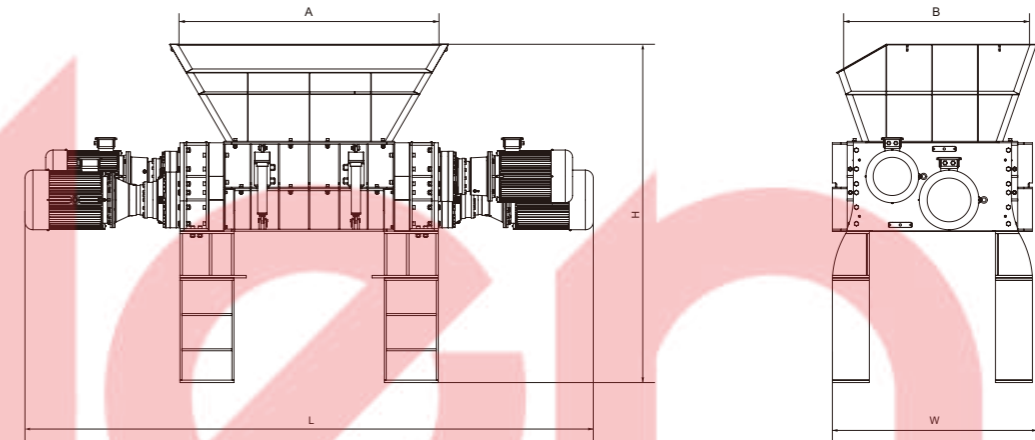
The independent intelligent control system of Harden QS four shaft shredder enables each cutter roll to have independent shearing and protection action, which improves the shear frequency and output. The main shaft of four shaft shredder is responsible for shearing, and the countershaft is responsible for feeding. By optimizing the shear structure and control principle, Harden four shaft shredder has achieved a major breakthrough in cutting efficiency.

In addition, QSH series four shaft shredder adopts hydraulic and motor coordinated drive, which not only has the effect of large torque and flexible control of hydraulic drive, but also retains the advantages of high efficiency of motor drive, energy saving, provides an excellent solution for heavy shearing conditions with high discharge size requirements.



Technical Parameters

Model	QS1010	QS1012	QS1016
Motor Power(KW)	30x2+22x2	45x2+30x2	75x2+45x2
Rotating speed(RPM)	14/13.4	15.7/16	15/20
Cutting Chamber(AxB)(mm)	1000x1000	1000x1200	1000x1600
Dimension(LxWxH)(mm)	3930x2870x4120	4200x1663x2175	5592x3120x2012
Blades Qty(pcs)	64	80	108
Capacity(t/h)	2-6	3-8	6-12



Features of Four Shaft Shredder



Four shaft work separately

- independent torque
- automatic overload protection
- multiple shearing

Imported motor / Reducer

- compact structure
- high efficiency
- low transmission loss
- powerful output

Split Type Bearing Pedestal

- uniform force
- strong stability
- central lubrication
- multiple protection

Applications of Four Shaft Shredder



Bulky waste

Hazardous waste

200L Iron drum, Paint drum

IBC Drum

Household appliances

Hard plastics, Pallet

Oil filter, Ink cartridge

Tires

Client Cases

