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## Four Shaft Shredder

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**harden**

JUST SHRED IT

harden



Contact Harden for professional shredding and recycling solutions.

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# JUST SHRED IT



## About Us

Harden Machinery Ltd. is a leading manufacturer of industrial shredder and waste disposal equipment in China. With a growing market and hundreds of successful cases we had built, Harden had become the most trustworthy brand in China, also it's being more popular worldwide. Thanks to rich experience and our strong R&D team, Harden always keeps advance in technologies.

Harden supplies competitive shredding machines worldwide, including single shaft shredder, double shaft shredder, quad shaft shredder, primary shredder and mobile shredder. We also offer a wide range of one-step solutions such as MRF system for MSW, SMP system for hazardous waste, shredding disposal system for organic waste, paper mill waste and bulky waste, etc.

## Core Advantages of Harden

### Professional Technologies

Focus on shredding technologies from beginning to now

### High Reliability

All parts in world brands / Advanced and mature designs

### Trustworthy Brand

900+ successful projects / Wide recognition in market

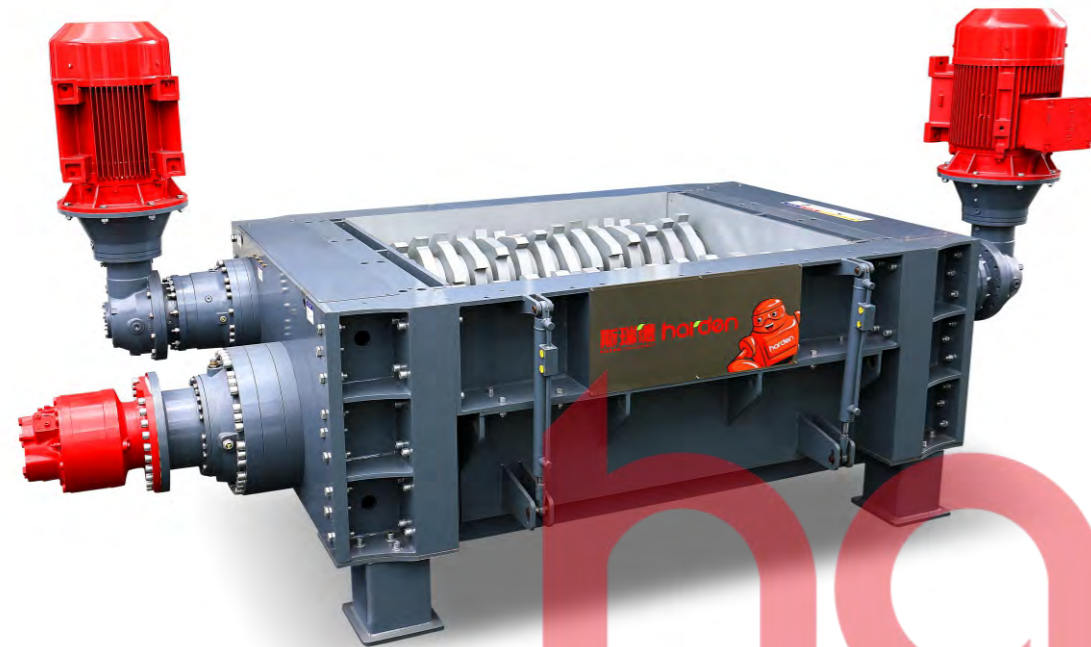
### Aims the best ROI for customers

Batch production saves cost / High Durability Proven

# Four Shaft Shredder

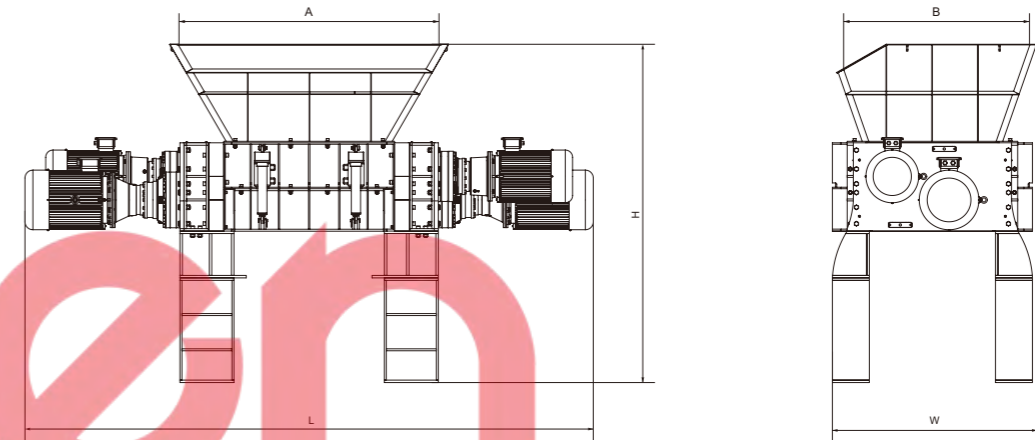
The independent intelligent control system of Harden QS four shaft shredder enables each cutter roll to have independent shearing and protection action, which improves the shear frequency and output. The main shaft of four shaft shredder is responsible for shearing, and the countershaft is responsible 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.

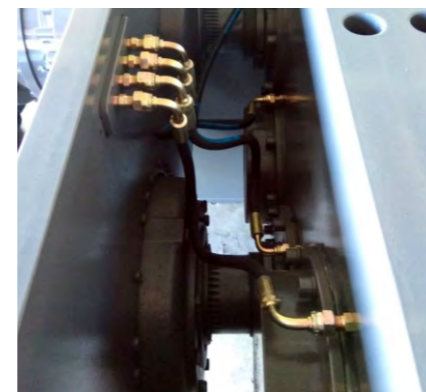
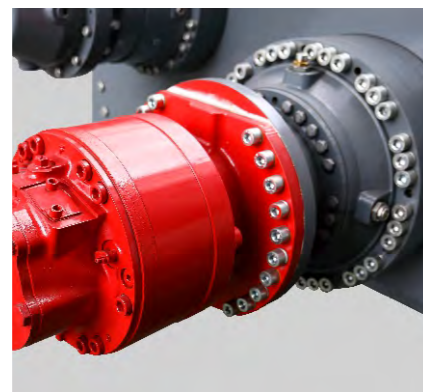


# Technical Parameters

Model	QS1012	QS1016	QS1314	QSH1012	QSH1314
Motor Power(KW)	150KW	240KW	210KW	135KW	192KW
Rotating speed(RPM)	15.7/16	15/20	15/16	5.5-15/16	8-17/16
Cutting Chamber(AxB)(mm)	1000x1200	1000x1600	1380x1400	1000x1200	1380x1400
Dimension(LxWxH)(mm)	4200x1663x2175	5592x3120x2012	4486x2000x1206	4200x1663x2175	4486x2000x1206
Blades Qty(pcs)	80	108	46	40	46
Capacity(t/h)	3-8	6-12	6-12	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

