Model	MSB-E300	MSB-E500	MSB-E800
Machine Size (mm)	1500x1300x1850	1600x1300x1850	2345x1620x1850
Shredding Chamber Length (mm)	300	500	800
Discharge Height (mm)	600	600	640
Blade Diameter (mm)	ϕ170-300	ϕ270-300	ϕ270-450
Speed (pcs)	13-18.5	9-32	10-32
Blade Material	German	German	German
Blade Thickness (mm)	20	20/30	20/30
Motor Power (kw)	7.5/11	15/22/30	15/30/60
Hopper Volume (L)	480	550	750
Machine Weight (kg)	1370	1470	3200

Model	MSB-E1200	MSB-E1600	MSB-E2200
Machine Size (mm)	3600x2000x2200	5200x2210x2600	8000x4000x5000
Shredding Chamber Length (mm)	1200	1600	2200
Discharge Height (mm)	600	1400	1400
Blade Diameter (mm)	ϕ320-520	ϕ450-800	ϕ450-850
Speed (pcs)	7.5-32	5.5-14.5	5.5-14.5
Blade Material	German	German	German
Blade Thickness (mm)	30/40	50/75	50/75/100
Motor Power (kw)	44/90/150	90	220
Hopper Volume (L)	1360	3000	6000
Machine Weight (kg)	6400	29400	45000

*The data in this brochure is for reference only and is subject to the actual contract/ technical agreement.

SERVICE SUPPORT

Consulting
With over 10,000 installations in 100 countries worldwide, Enerpat has the experience to provide expert advice and the most appropriate solutions.

Customized Solutions
Provide sample testing and reports. Full service solutions, including customized solutions, equipment delivery, spare parts and technical service.

Commissioning
Technical service engineers, project managers and sales engineers are available for commissioning, and operators are trained in maintenance and operation.

After Sales Service
Enerpat has three regional service centers in the UK, China and the USA to provide remote technical support to ensure a rapid response.

ENERPAT Global Presence

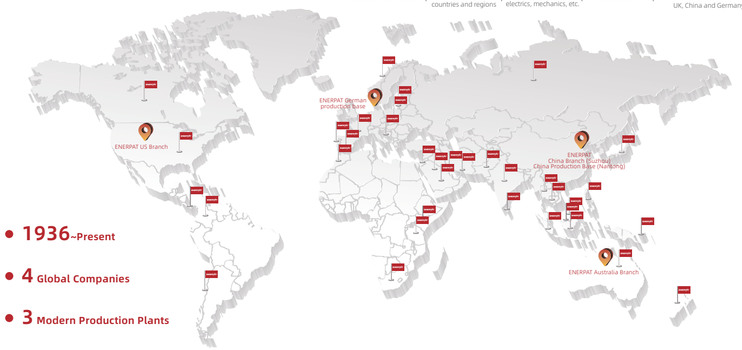
Headquarters UK
Branch Australia, USA, China

165
Products and services for many countries and regions

650+
Technical specialists in hydraulics, electrics, mechanics, etc.

500+
Marketing and service staff

Global Production Sites
Three modern production sites in the UK, China and Germany



- **1936**–Present
- **4** Global Companies
- **3** Modern Production Plants

ENERPAT Global Selected Customer Performance Table

Hydro · 中铝国际 · SAC · BASF The Chemical Company · BAYER · CAT · BMW · SIEMENS · 上海电气 · 三菱重工 · KOBELCO · VEOLIA · BOSCH · HAILIANG 海亮 · ANSTEEL

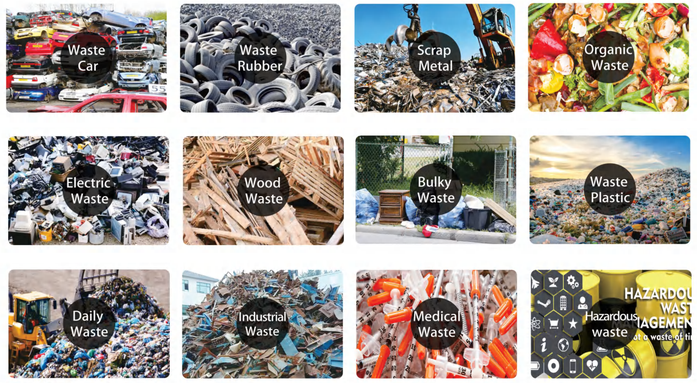
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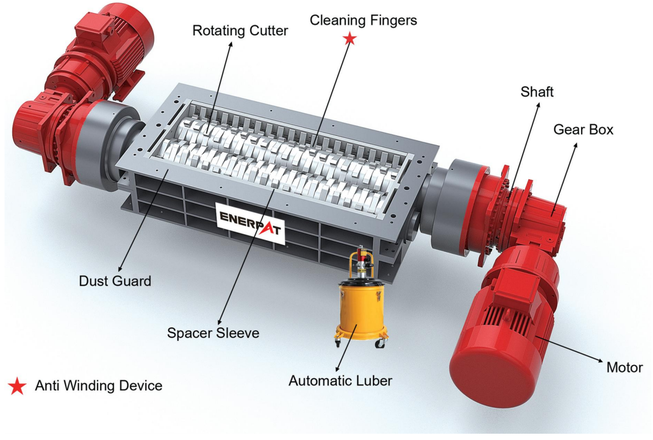


TWO SHAFT SHREDDER

British Brand
Waste Expert

PRODUCT APPLICATION





EQUIPMENT STRUCTURE

- MSB-E series two shafts shredder with low noise, low energy consumption and high production.
- MSB-E series two shafts shredder used for shredding electric waste, plastic waste, rubber waste, daily waste, metal waste, bulky waste, medical waste and wood waste.
- The bulky density of the material will be increased after shredding, then the transportation cost will be lower. The end products after shredding can be processed by other equipment, for example: separation, washing etc.



Disassembled Shredding Chamber

- Shredding Chamber can be disassembled, and the main shaft can be disassembled after removing the installation plates of its two sides.
- The shredding chamber been overall processing, it can make sure the concentricity of the main shaft and bearings, which can extend the service life of bearings and gearbox.



Heavy Duty Planetary Gearbox

- Equipped with ribbed plate steel casting gearbox body.
- The gears are made of high-quality alloy steel, and the surface is hardened by carburizing and quenching.
- The gears been fine processing, stable transmission, low noise andhigh carrying capacity.



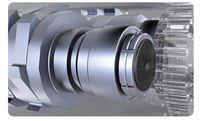
Disassemble Blades

- Disassembled blade design can shorten the blade replacement time greatly.
- A complete blade combined by three parts.
- The worn blade can be replaced by loosening the locking bolts conveniently.



Electric System

- SIEMENS/SCHNEIDER PLC
- Touch Screen can supply a high degree of human-machine integration experience
- SIEMENS/SCHNEIDER electric components



Sealing System

- Four-fold seal protection design, effective dust proof and water-proof, prolong bearing service life
- Machine can work normally in high dust and open air environment



Auxiliary Device

Optional press device and rotating screen, it helps the material been shred quickly and the end products size can be controlled.



Spline Shaft

The gearbox and the main shaft are driven by splines, with a large joint surface and no stress con-centration.



Heavy-duty Self-aligning Bearings

The world's top brand self-aligning bearings, can resolve heavy-load impact and protect equipment.

SUCCESS CASE



Material: Tyres
Solution: Shredding Line
Area: Mexico



Material: Lithium Battery
Solution: Shredding Line
Area: China



Material: Lithium Battery
Solution: Shredding Line
Area: China



Material: Bulky Waste
Solution: Shredding, Separation, Baling
Area: Jiangsu



Material: Industrial Waste
Solutions: Shredder
Area: Zhejiang



Material: Bulky Waste
Solutions: Shredder+Sorting
Area: SHANGHAI