

## Success Case



Material: Organic Waste  
Solutions: Shredder+Dewatering  
Area: SHANGHAI



Material: Electric Waste  
Solutions: Shredder  
Area: SHANGHAI



Material: Industrial Waste  
Solutions: Shredder  
Area: ZHEJIANG



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



Material: Plastic Waste  
Solutions: Shredder+Washing  
Area: DUBAI



Material: Rubber Waste  
Solutions: Recycling Line  
Area: UK



Material: Rubber Waste  
Solutions: Shredder  
Area: SOUTH AFRICA



Material: Hazardous Waste  
Solutions: Shredder  
Area: USA



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

Model	MSB-E300	MSB-E500	MSB-E600	MSB-E800
Machine Size(L*W*H)	1500×1300×1850	1600×1300×1850	2500×1300×1850	2700×1300×1850
Shredding Chamber Length(mm)	300	500	600	800
Discharge Height(mm)	600	600	640	640
Blade Diameter(mm)	Φ170-300	Φ270-300	Φ270-300	Φ270-450
Speed(pcs)	13-18.5	9-32	9-32	10-32
Blade Material	German	German	German	German
Blade Thickness(mm)	20	20/30	20/30	20/30
Motor Power(kw)	7.5/11	15/22/30	11/15	15/30/60
Hopper Volume(L)	480	550	650	750
Machine Weight(kg)	约1370	约1470	约2100	约2300

Model	MSB-E1000	MSB-E1200	MSB-E1300	MSB-E1500
Machine Size(L*W*H)	3300×1900×2200	3600×2000×2200	4900×2200×2600	6400×2400×4000
Shredding Chamber Length(mm)	1000	1200	1300	1500
Discharge Height(mm)	600	600	950	950
Blade Diameter(mm)	Φ270-450	Φ320-520	Φ320-520	Φ450-800
Speed(pcs)	10-32	7.5-32	7.5-32	5.5-14.5
Blade Material	German	German	German	German
Blade Thickness(mm)	30/40	30/40	50	50/75
Motor Power(kw)	37	44/90/150	74-90	110-180
Hopper Volume(L)	1130	1360	1700	2000
Machine Weight(kg)	5200	6400	11000	14500

Model	MSB-E1600	MSB-E1800	MSB-E2000	MSB-E2200
Machine Size(L*W*H)	5200×2210×2600	7000×3100×4000	7500×3500×4400	8000×4000×5000
Shredding Chamber Length(mm)	1600	1800	2000	2200
Discharge Height(mm)	1400	1400	1400	1400
Blade Diameter(mm)	Φ450-800	Φ450-800	Φ450-800	Φ450-850
Speed(pcs)	5.5-14.5	5.5-14.5	5.5-14.5	5.5-14.5
Blade Material	German	German	German	German
Blade Thickness(mm)	50/75	50/75	50/75	50/75/100
Motor Power(kw)	90	150-220	180-220	220
Hopper Volume(L)	3000	4000	5000	6000
Machine Weight(kg)	29400	34000	40000	45000

**ENERPAT**  
Global Waste Disposal System Supplier



**TWO SHAFT SHREDDER**



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**ENERPAT GROUP UK**  
ENERPAT UK. CHINA PRODUCTION BASE



## Product Application



- 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 and high 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 waterproof, 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 concentration.



### Heavy-duty self-aligning bearings

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