

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	MSC-E900S	MSC-E900L	MSC-E1000S	MSC-E1000
Blade Diameter(mm)	Φ290	Φ290	Φ320	Φ320
Shaft Speed(rmp)	15-25	15-25	15-25	15-25
Blade Thickness(mm)	25	25	40	40
Blade Quantity(pcs)	32*2	40*2	25*2	30*2
Shredding Chamber Size(mm)	900*800	900*1000	1000*1000	1000*1200
Motor Power(kw)	18.5*2	18.5*2	22*2	22*2
Machine Size(mm)	2400*1550*2500	2600*1550*2500	2900*1700*2800	3100*1700*2800
Machine Weight(kg)	4700	5000	6600	7100

Model	MSC-E1000XL	MSC-E1300S	MSC-E1300L	MSC-E1300XL
Blade Diameter(mm)	Φ320	Φ430	Φ430	Φ430
Shaft Speed(rmp)	15-25	10-25	10-25	15-25
Blade Thickness(mm)	40	50	50	50
Blade Quantity(pcs)	30*2	24*2	28*2	32*2
Shredding Chamber Size(mm)	1000*1400	1300*1200	1300*1400	1300*1600
Motor Power(kw)	22*2	30*2+15*2	30*2+15*2	30*2+15*2
Machine Size(mm)	3300*1700*2800	4100*2000*3100	4300*2000*3100	4500*2000*3100
Machine Weight(kg)	7600	15600	16000	17000

Model	MSC-E1600S	MSC-E1600L	MSC-E1600XL
Blade Diameter(mm)	Φ510	Φ510	Φ510
Shaft Speed(rmp)	10-25	10-25	10-25
Blade Thickness(mm)	50	50	50
Blade Quantity(pcs)	32*2	36*2	40*2
Shredding Chamber Size(mm)	1600*1600	1600*1800	1600*2000
Motor Power(kw)	45*2+30*2	45*2+30*2	45*2+30*2
Machine Size(mm)	4800*2300*3600	5000*2300*3600	5200*2300*3600
Machine Weight(kg)	22500	23700	25000

ENERPAT
Global Waste Disposal System Supplier



FOUR SHAFT SHREDDER



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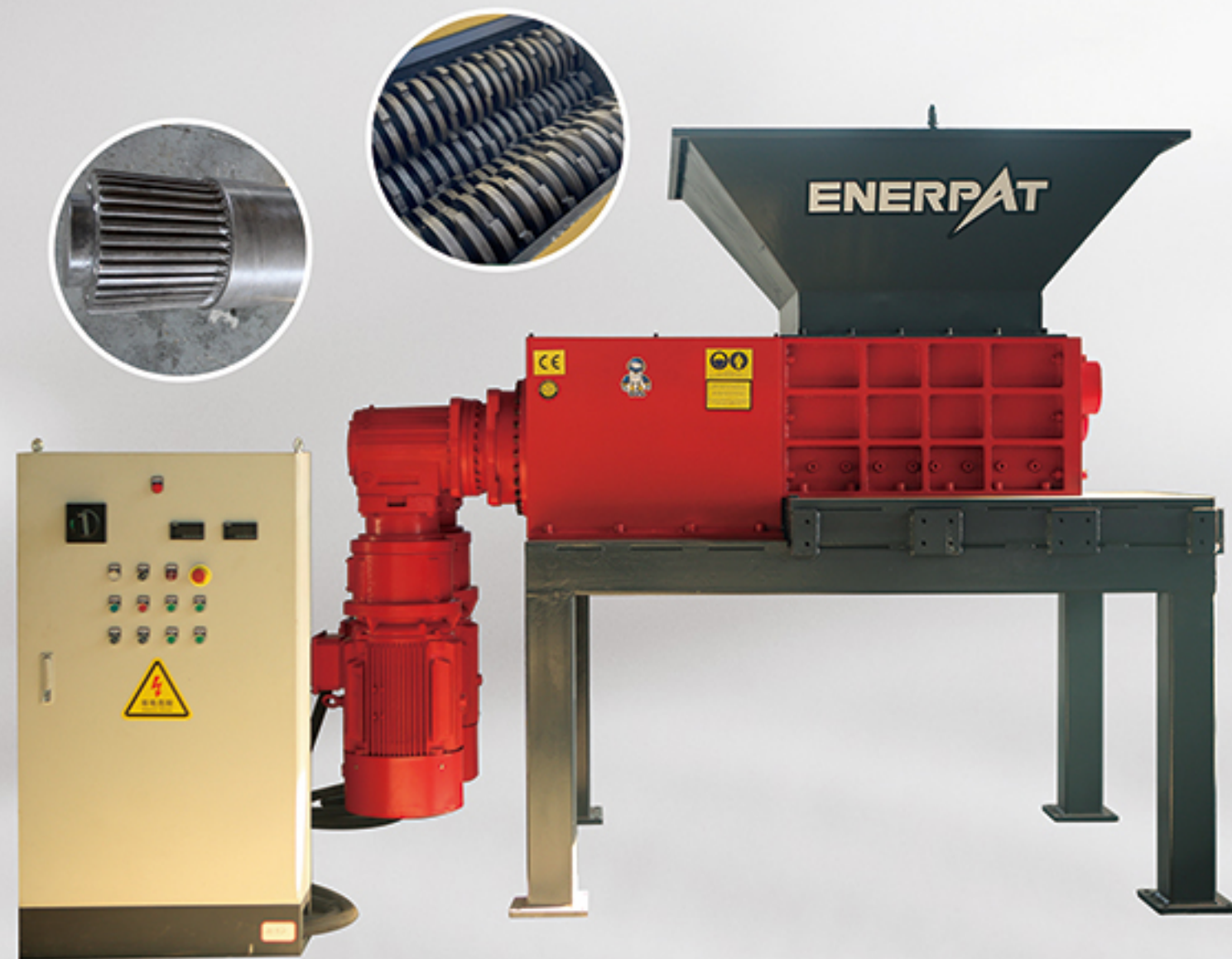


ENERPAT GROUP UK
ENERPAT UK. CHINA PRODUCTION BASE

Product Application



- MSC-E series four shafts shredder with low noise, low energy consumption and high production.
- MSC-E series four 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.