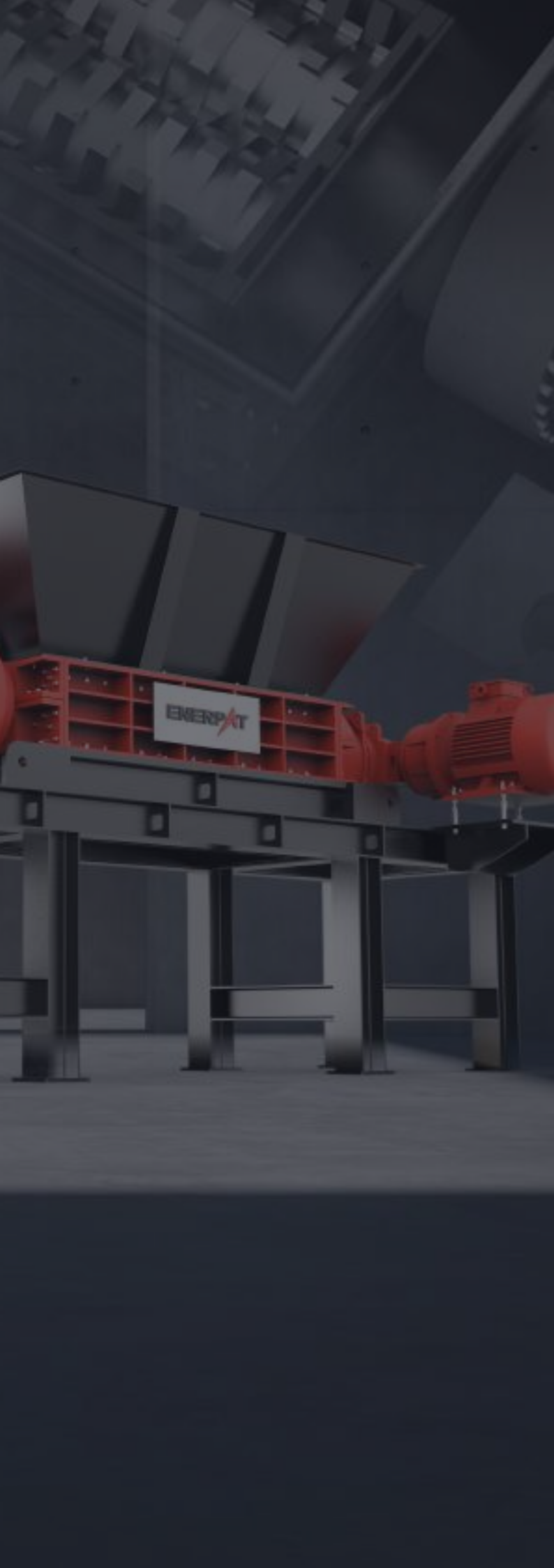




**Global Waste Disposal System Supplier**



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ENERPAT, established in Manchester, UK in 1936, is a service provider for Environment, Energy and Equipment. The company's mission is using technology to create a better environment. It is a supplier of environmental protection equipment for famous metal recycling companies such as Sims and Veolia Environmental Treatment Company. It is also a strategic partner of 278 Fortune Global 500 companies, with business coverage in 165 countries and regions. It is one of the industry leaders in equipment manufacturing and system solutions in the field of solid waste recycling.

**165** countries

ENERPAT provides solid waste shredding, baling, briquetting, sorting equipment and services to 165 countries around the world

**278** Fortune Global 500

ENERPAT is a strategic partner of 278 Fortune Global 500 companies

## ENERPAT Comes to China

ENERPAT China was founded in 2000 and established a production base in Nantong, Jiangsu, serving as the only one subsidiary of ENERPAT Group in Asia, which providing products and customized services higher than European quality standards.

Having entered China for more than 20 years, we have fully implemented a localized operation and management model in the Chinese market. ENERPAT focuses on research and production of global solid waste treatment equipment, providing a complete set of "solid waste resource utilization" solutions for domestic and foreign industries such as metal processing and manufacturing, automotive body and components, wind and solar new energy, new materials, etc., and providing shredding, sorting equipment, briquetting equipment, and baler single machine equipment.

# ENERPAT

## Lithium battery shredding and recycling solutions

This solution integrates the feeding system, shredding system, fire protection system, maintenance and repair system, and intelligent monitoring system. The sieve mesh can be designed according to the type of material, which can meet the requirements of coarse, medium, and fine shredding discharge.



### Application scope

Suitable for shredding various types of lithium batteries such as ternary battery, lithium iron phosphate battery, lithium manganese oxide battery, prismatic and pouch battery, blade battery, square shell battery, cylindrical battery, and long pouch battery.



### Technical highlights

#### Efficiency improvement

Continuous and efficient shredding of 4 tons/hour, with an hourly production efficiency 1.3 times higher than the industry.

#### Intelligent control system

2 major technological innovations save 75% of time and cost.

#### Modular design

Four major system modules for easy maintenance and repair.

#### 7-fold security system

Smoke alarm+temperature monitoring+oxygen content monitoring+carbon dioxide fire extinguishing system+water spray fire extinguishing+nitrogen protection and explosion relief device.



# ENERPAT

## Metal chips briquetting and oil removal solutions

ENERPAT has been developing and producing a fully automatic metal chip briquetting system since 1956. This solution is used for the recovery of various metal chips such as iron, aluminum, and copper generated in the manufacturing process. It has the advantages of reducing the footprint of waste chips, cleaning the factory, passing environmental audits, improving the return rate and recovery price, and helping enterprises reduce costs and increase efficiency.



The entire line has obtained national invention patents. Patent number: 2018302431453



### Application scope

copper, iron, aluminum, alloy, stainless steel



### Technical highlights

Intensive design reduces footprint and energy consumption by up to 30%.

Fully automatic processing, saving manpower and ensuring processing capacity.

Solve the three major problems of miscellaneous material stacking, chip oil pollution, and high recycling costs at once.

Satisfy the processing of more than 30 types of metal materials such as powder, particles, filaments, and shavings.

# ENERPAT

## Waste metal shredding and separating solutions

This solution is used for shredding and sorting of medium and large scrap metal objects, scrap cars, recycled aluminum and other metal materials. Through shredding and sorting, ferrous metals and non-metals are separated, and the purity of the treated iron metal reaches over 98%.



### Application scope

Bridge-cut-off aluminum, aluminum fixing blocks, cast aluminum, automotive casings, waste oil drums, oil filters



### Technical highlights

#### Safe and efficient

Independent professional hydraulic system, automatic feeding device, realizing automated production, ensuring operational efficiency and personnel safety.

#### Stable and reliable

High strength heavy-duty self-aligning bearings, resistant to heavy load impacts, effectively ensuring stable operation of equipment.

#### Energy conservation and environmental protection

The overall layout of the line is compact and reasonable, with low energy consumption and smooth operation.

#### Accurate sorting

Magnetic separator, eddy current separator, X-ray separator, high-efficiency intelligent sorting of scrap metal materials.

# ENERPAT

## Electronic waste disassembling & shredding & separating solutions

A shredding system specifically designed for small household appliances, including office equipment, kitchen appliances, home appliances, digital products, etc. The end products are scrap metal materials, plastics, and light matter fuels.



### Application scope

office equipment, kitchen appliances, digital products



### Technical highlights

#### Efficient crushing

Non-jamming hammer around 360 degree, tearing and squeezing small household appliances into blocks below 50mm.

#### Multiple security

Central pulse dust removal system and sprinkler fire prevention system ensure safe production.

#### Intelligent sorting

Drum magnetic sorting machine, eddy current sorting machine, airflow sorting machine, X-ray sorting machine, precise sorting of metal and non-metal materials.

#### PLC automatic control

Whole line automation, intelligent control, efficient and energy-saving, maximizing production.



# ENERPAT

## Waste to fuel (RDF/SRF) solutions

This system processes combustible waste such as industrial waste, household waste, construction waste, and biomass waste through sorting, crushing, and other processes. The combustible materials are sorted out, briquetted, packaged, and converted into high calorific value fuels for use.



### Application scope

Industrial waste, household waste, commercial waste, biomass, etc.



### Technical highlights

#### Modular design

Configure reasonable solutions based on requirements and on-site conditions.

#### Spray fire protection system

Automatic monitoring to ensure safe and efficient production.

#### Coarse shredding+fine shredding process

Ensure meticulous handling of materials and uniform volume.

#### Whole line automation

Automatic adjustment and adaptation of various equipment operating conditions.

#### Professional dust suppression system

Unified collection of dust to protect equipment and environment.



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# ENERPAT

Waste PP bag shredding & washing & pelletizing solutions



## Application scope

jumbo bags, PP woven bags, PE films, etc.



## Technical highlights

### Wide application range

Suitable for jumbo bags and woven bags of various mixed materials.

### Environmental protection and energy conservation

After shredding and cleaning, it is made into particles that can be further injected for recycling, achieving resource reuse.

### Modular design

Collaboration between crushing system, cleaning system, dewatering system, and granulation system, with flexible and variable layout.

### Low input and high output value

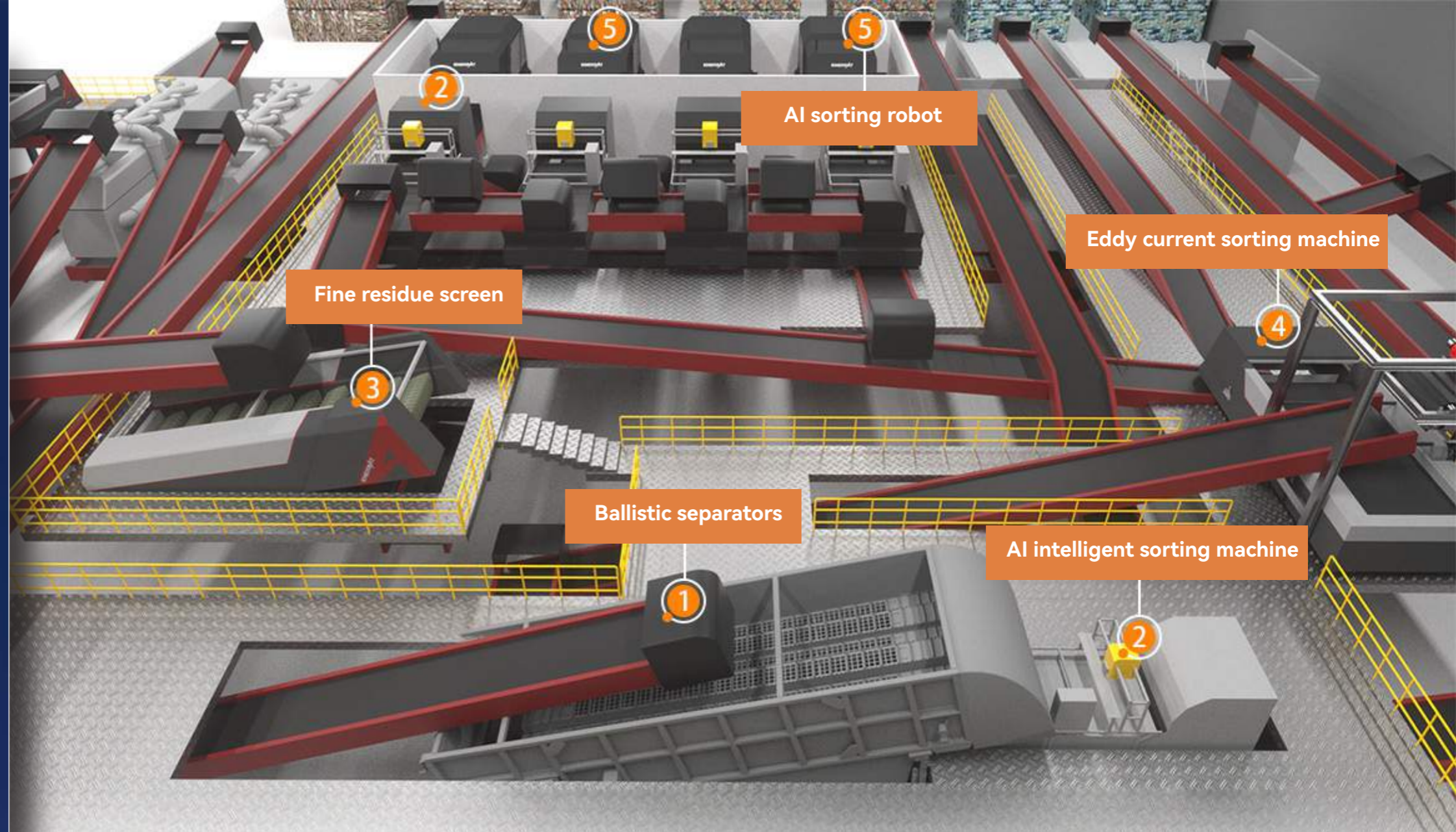
Whole line automation control, maximizing production capacity; significantly reduce operating and labor costs, reduce costs and increase efficiency.



# ENERPAT

## Recyclable sorting center

Automated sorting technology can replace manual sorting, improve enterprise management efficiency and recycling efficiency, so as to solve the operational difficulties of sorting plant stations and transfer centers due to poor working conditions, difficult recruitment, and limited production capacity.



### Application scope

PET bottles, HDPE bottles, Tetra Pak bags, cardboard, film, etc.



### Technical highlights

Through the ENERPAT AI intelligent sorting center, the daily processing capacity is about 50 tons. Mixed materials can be tested and classified based on material and color characteristics, mainly including transparent PET, variegated PET, transparent HDPE, variegated HDPE, and other plastics. It significantly improves sorting efficiency, reducing manual configuration, lowering sorting intensity, purity and value of sorted materials



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# ENERPAT

## Single shaft shredder

Specially designed for materials with toughness or medium hardness, suitable for plastic heads, pipes, sheets, PE films, industrial waste paper, wires and cable, PP woven bag, PET bottle, wooden tray, circuit board, etc.



Imported cutting tools



Customized screen mesh



Integrated box



### Equipment parameters

Equipment model	Motor power(kw)	Shredding chamber width(mm)	External dimensions(mm)
MSA-F600	18.5	600	1290×1820×1730
MSA-F800	37	800	2800×1765×2080
MSA-F1000	45	1000	2800×1980×2090
MSA-F1200	55	1200	2800×2490×2135
MSA-F1500	75	1500	2850×2720×2150
MSA-F1500XL	150	1500	3000×2720×2150
MSA-F2000	132X2	2000	3670×4374×2530
MSA-F3000	200X2	3000	3705×5332×3146



### Technical highlights

#### ○ Imported cutting tools

Made of heat-treated alloy steel mold steel, which can be replaced on all four sides and coated with wear-resistant coating, specifically designed for handling hard materials.

#### ○ Planetary reducer

Reduce the motor speed and increase the output torque.

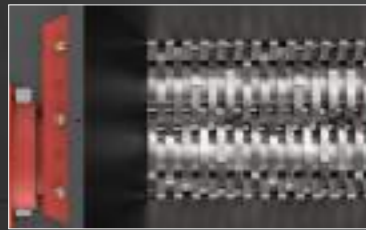
#### ○ Schneider Electric

Waterproof and dustproof design, safe and stable, with overload protection function.

# ENERPAT

## Double shaft shredder

Solid waste including bulky waste, household waste, industrial waste, electronic waste, waste plastics, waste metals, etc.



两组刀轴



专业液压系统



承压耐磨刀箱



### Equipment parameters

Equipment model	Motor power(kw)	Shredding chamber width(mm)	External dimensions(mm)
MSB-E300	7.5	300	1700×725×1800
MSB-E500	15	500	2060×1600×1840
MSB-E600	18.5	600	2170×1600×1840
MSB-E800	30	800	2350×1620×1840
MSB-E1200	44-150	1200	3400×2100×2260
MSB-E1500	150-264	1500	4500×2400×2500
MSB-E1600	180-320	1600	4880×2800×3000
MSB-E1800	180	1800	7000×3100×4000
MSB-E2200	220/440	2200	7500×3200×4200
MSB-E2600	320/560	2600	8200×4000×4300



### Technical highlights

- **Detachable moving/-fixed blade combination**  
Imported high-alloy steel material with super wear resistance, which can be repaired by welding at room temperature after wear.
- **Spline type bearing seat**  
Balanced stress, high fatigue resistance, and able to change shafts quickly.
- **Siemens motors**  
The 5-year warranty period of Germany Siemens motors provides more safety for use, and the electric drive can operate for a long time under full reliability power.

# ENERPAT

## Four shafts shredder

Solid waste including bulky waste, household waste, industrial waste, electronic waste, waste plastics, waste metals, etc.



### Equipment parameters

Equipment model	Motor power (kw)	Shredding chamber width (MM)	External dimensions (mm)
MSC-E1300	37x2+15x2	1300	4300×4500×3000
MSC-E1600	75x2+45x2	1600	4650×4800×3500
MSC-E1900	90x2+55x2	1900	5000×5000×4000



### Technical highlights

#### ○ High strength spindle

The spindle is made of branded steel forging blanks, which undergo professional forging and heat treatment processes, ensuring the high strength and durability of the spindle.

#### ○ Hydraulic+ motor drive

It has the effects of high hydraulic torque and flexibility, as well as the energy-saving and efficient advantages of motors.

#### ○ Durable Box

After welding the box, the overall stress is relieved and annealed, and high-precision CNC machining centers are used for overall machining and boring, ensuring long service life and stable operation under high load for a long time.

# ENERPAT

## Hammer mill

Specially used for scrap metals including scrapping automotive shells, scrap aluminum, light and thin scrap steel, scrap household appliances.



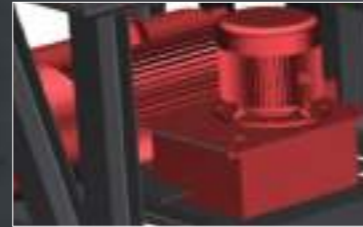
### Durable Box

Stress relief annealing and overall boring of the box ensure its stable operation under high load for a long time.



### The machine is all equipped with a shock absorption system

The huge inertia force generated by starting and stopping the machine is reduced through the shock absorption system to protect the equipment.



### Hammer head with 360 degree rotation

The hammer head is made of high chromium steel, durable and rotated 360 degrees, to ensure that the hammer head is not jammed during operation.



### Equipment parameters

Model	H600	H1000	H1600	H2200
Host power(kw)	150	220	500	700
Size of feeding port(mm)	1023×674	1526×983	3064×1596	4047×2141
Shaft diameter(mm)	140	185	260	350
Diameter of shaft(mm)	860	870	1030	1240
Length of shredding chamber (mm)	625	1090	1596	2118
Thickness of hammer head (mm)	65	65	94	96
Shaft speed(rpm)	480	480	480	480
Equipment size(mm)	3214×3139×4532	5465×3930×4919	6800×4800×4925	9199×8880×7116
Equipment weight(t)	14	23	28	65

# ENERPAT

## Granulator Machine

Crush plastic, rubber, paper, cables, chemical fibers, carpets and other materials.



### Equipment parameters

Equipment model	Motor power (kW)	External dimensions (mm)	Shredding chamber width(mm)	Knife roller speed(rpm)	Screen aperture (mm)
GM-600S	22	1438×1177×2197	620	580	Φ12(Standard screen)
GM-800S	30	1440×1377×2197	820	580	Φ12(Standard screen)
GM-800L	37	1637×1450×2272	820	580	Φ12(Standard screen)
GM-1000S	55	1858×1648×2071	1020	580	Φ12(Standard screen)
GM-1200S	75	2155×2202×3141	1220	520	Φ12(Standard screen)
GM-1600S	132	2470×2600×3373	1600	520	Φ20(Standard screen)
GM-2500S	132+132	2881×3942×4397	2500	460	Φ20(Standard screen)



### Technical highlights

- Multiple imported cutting tools**  
 V-shaped, VB-shaped, C-shaped, CS-shaped, S-shaped knife rollers, suitable for various materials.
- Hydraulic feeder**  
 Smooth material delivery, efficient shredding, and high output.
- CE safety certification**  
 Multiple safety protection functions, European standard emergency stop switch and maintenance locking function.

# ENERPAT

## Separator



### AI intelligent sorting machine

Mixed plastic waste, mixed paper waste, urban household waste, construction waste, medical waste, etc



Equipment model	JET10601	JET14601	JET28601
Belt width	1.0m	1.4m	2.8m
Belt length	6m	6m	6m
Design conveyor belt line speed	0m/s-6m/s	0m/s-6m/s	0m/s-6m/s
	(Control speed based on material )	(Control speed based on material )	(Control speed based on material )
Two-outlet discharge bin	√	√	√
High speed AI visual recognition system	√	√	√
PAIK inside Sorting software	√	√	√
Porous high-frequency jet module	√	√	√
Screw compressor	15KW	22KW	22KW
Deep learning control host	√	√	√

### X-ray sorting machine

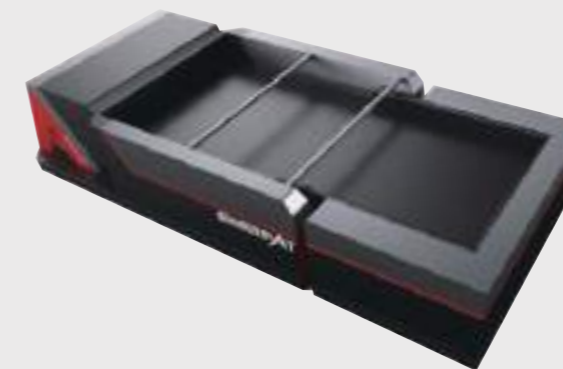
Sorting light and heavy metals in various nonferrous metals



Belt width	Device Name	Equipment size (mm)	Power (kw)	Weight (kg)
Belt width 1200	1200 Vibration feeder	2687*1622*2677	0.55*2	1164
	X-1200 Ray host	6976*1900*2931	5	5000
Belt width 2400	2400 Vibration feeder	2687*2822*3200	0.75*2	1700
	X-2400 Ray host	6976*3100*2931	6	9000
Belt width 3600	3600 Vibration feeder	2687*4000*3600	1.1*2	2300
	X-3600 Ray host	6976*4300*2931	6	13000

### Eddy current separator

Sorting non-metallic materials such as copper and aluminum from mixed materials



Model	Belt power(kw)	Magnetic roll power(kw)	Width of working(r/min)	有效分选宽度 (mm)	Equipment size(mm)	Equipment weight(Kgs)
ES-ECS650	2.2	4.0	810	650	4440*1898*1511 (长箱)	3600 (长箱)
					3640*1898*1515 (短箱)	2997 (短箱)
ES-ECS800	2.2	4.0	1060	800	4440*2040*1515 (长箱)	3600 (长箱)
					3640*2040*1515 (短箱)	3150 (短箱)
ES-ECS1000	2.2	4.0	1160	1000	4440*2293*1515 (长箱)	3600 (长箱)
					3640*2293*1515 (短箱)	3598 (短箱)
ES-ECS1250	4.0	7.5	1410	1250	4440*2614*1515 (长箱)	3830 (长箱)
					3640*2614*1515 (短箱)	3653 (短箱)
ES-ECS1500	4.0	7.5	1660	1500	4440*2864*1515 (长箱)	4117 (长箱)
					3640*2864*1515 (短箱)	3971 (短箱)
ES-ECS2000	4.0	7.5	2160	2000	4440*3312*1515 (长箱)	4656 (长箱)
					3640*3312*1515 (短箱)	4497 (短箱)



# ENERPAT

## Metal chips briquetting machine

2-3 bales are produced in 1 minute, with a daily production capacity of 100T (3 shifts) (reference value)

A bale with thickness of 50-80, diameter of 70-200 (reference value)

Energy consumption is about 6 kWh per hour (reference value)

## Metal chips briquetting machine



### Application scope

Scrap metal chips such as iron chips, aluminum chips, steel chips, cast iron chips, and alloy chips generated during the manufacturing production process



### Technical highlights

- Horizontal and vertical screw feeder for preventing rack from empty and forced feeding
- Integrated casting compression mold cavity with high hardness and strong wear resistance
- Industrial oil cooler cooling oil with optional fixed temperature and room temperature adjustment
- ENERPAT hydraulic system brand hydraulic components are energy-saving, environmentally friendly, and efficient



### Output materials



### Equipment parameters

Model	BM-570	BM-1090	BM-1612	BM-2013	BM-3014	BM-4015	BM-6320
Compression force(t)	50	100	160	200	315	400	630
Bale diameter(mm)	70	90	120	130	140	150	200
Motor power(kw)	3	11	18.5	22	22	30	3×37
System pressure(mpa)	25	25	25	25	25	25	25
Equipment size(mm)	1300×800×1550	2210×1050×1890	3220×1320×2400	3300×1420×2530	6050×3590×3520	6140×3710×3620	6210×4760×3730
Equipment weight(kg)	1000	3000	4000	5000	10000	12000	21000
Operation mode	Fully automatic	Fully automatic	Fully automatic	Fully automatic	Fully automatic	Fully automatic	Fully automatic

# ENERPAT

## Fully automatic horizontal baler

Waste paper, PET cola bottles, film,  
plastic, woven bags, straw, sponge, cans




## Fully automatic horizontal baler



### Packaging effect



 For more material packaging effects, please contact your business specialist

### Equipment parameters

Equipment model	Packaging size(mm)	Package weight(kg)	Power(kw)	Machine size(mm)
HBA-30-5050	500×500×L	40-70	11	5300×2600×1750
HBA-40-7272	720×720×L	200 ~ 500	22	6770×3050×3580
HBA-60-11075	1100×750×L	400 ~ 700	22	6880×3850×3550
HBA-80-11075	1100×750×L	600 ~ 900	37	6880×3850×3550
HBA-100-110110	1100×1100×L	800 ~ 1100	45	8560×3950×4550
HBA-120-110125	1100×1250×L	900 ~ 1200	55	9250×4150×4850
HBA-150-110125	1100×1250×L	1100 ~ 1300	90	10050×4100×4910
HBA-200-110125	1100×1250×L	1250 ~ 1350	110	10050×4100×4910

※ 以上数据以废纸为参照

# ENERPAT

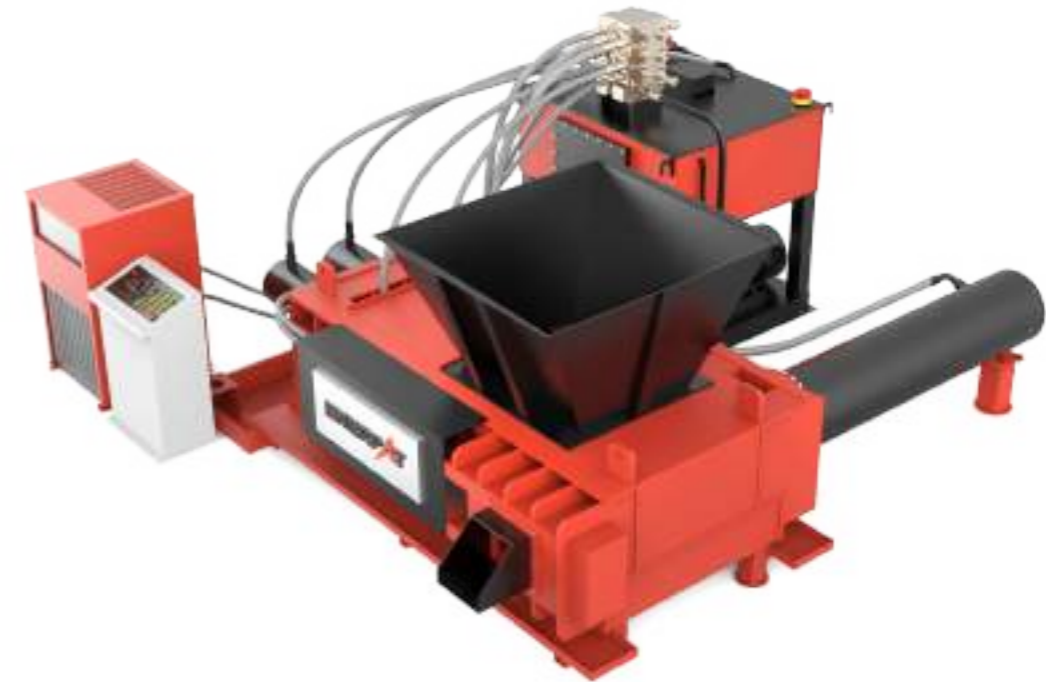
## Fully automatic metal baler (Hopper style)

Scrap iron, scrap aluminum, scrap steel,

scrap copper, metal shavings, cans,


home appliance casings, non-ferrous metal products, etc

## Fully automatic metal baler(Hopper style)



### Packaging effect



 For more material packaging effects, please contact your business specialist

### Equipment parameters

Equipment model	Pressure(t)	Compression chamber size(mm)	Package size(mm)	Power(kw)	Operation mode
AMB-H1075-100	100	1000x750	300x300	30	Fully automatic
AMB-H1075-250	250	1000x750	250x250	22+22	Fully automatic
AMB-H1510-160	160	1500x1000	250x250	37	Fully automatic
AMB-H1612-200	200	1600x1200	350x350	37	Fully automatic
AMB-H2014-250	250	2000x1400	330x330	22+22	Fully automatic

※ 包块尺寸可定制

# ENERPAT

## Fully automatic metal baler (Lid style)

Large pieces of high hardness scrap metal,  
steel, building steel, household appliance casings, aluminum profiles, etc




## Fully automatic metal baler(Lid style)



### Packaging effect



 For more material packaging effects, please contact your business specialist

### Equipment parameters

Equipment model	Pressure(t)	Pressing chamber size(mm)	Package size(mm)	Power(kw)
AMB-L1270-125	125	1200x700x600	250x250	15
AMB-L1480-160	160	1400x800x700	350x350	30
AMB-L1612-160	160	1600x1200x800	400x400	30
AMB-L2014-250	250	2000x1400x900	500x500	22kw-6x2
AMB-L2017-250	250	2000x1750x1200	500x500	22kw-6x2
AMB-L2520-250	250	2500x2000x1200	500x500	30kw-6x2
AMB-L2014-315	315	2000x1400x900	500x500	30kw-6x2
AMB-L2520-315	315	2500x2000x1200	500x500	45kw-6x2

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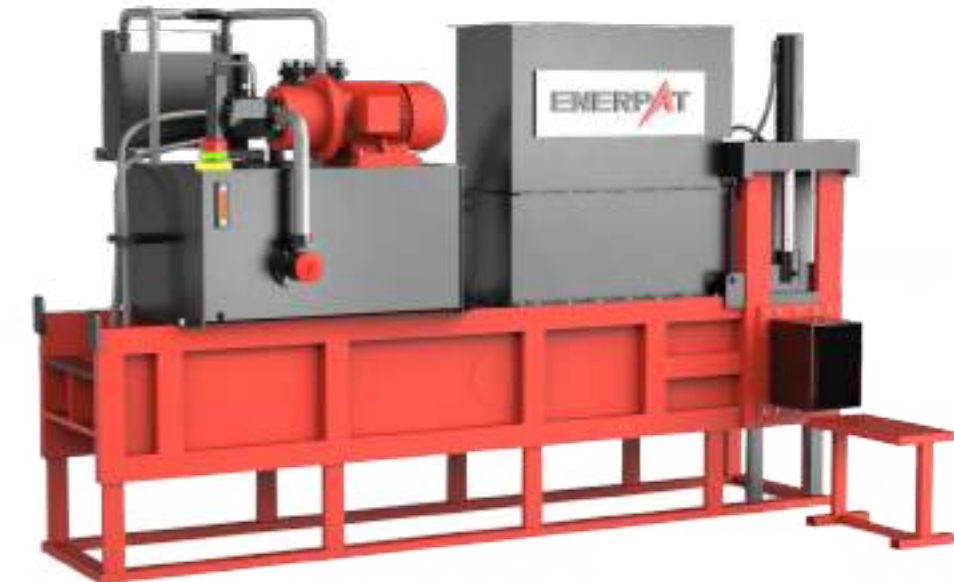
# ENERPAT

## Bag packing machine

Wood shavings, sawdust, rice husks,


coconut bran, discarded clothes, oranges, peat soil, silage, etc

## Bag packing machine



### Packaging effect



 For more material packaging effects, please contact your business specialist

### Equipment parameters

model	Packaging size(mm)	Size of feeding (mm)	Power(kw)	Empty cycle time(s)	machine size(mm)
HBA-B60	400x300	1000x560	11	15+14	3300x2660x2100
HBA-B90	400x300	1000x560	18.5	16+16	3400x2660x2100
HBA-B140	400x300	1000x560	22	16+17	3500x2700x2100
HBA-B180	430x310	1200x700	22	20+23	3700x3250x2100
HBA-B220	430x310	1200x700	30	18+24	3800x3300x2100
HBA-B270	430x310	1200x700	37	15+20	3900x3500x2100

# ENERPAT

## Marine garbage compactor

Used for compressing household waste generated by daily lives of crew members and industrial waste generated by ship maintenance and upkeep



### Technical highlights

- Split compression vehicle
- Unique base fixation
- Corrosion and oxidation resistant materials



### Packaging effect



### Equipment parameters

model	RC-4	RC-5XL
Cylinder pressure(t)	4	5
Motor power(kW)	2.2	2.2
Noise level (dB)	65-68	65-68
Compression cycle time(sec)	20	20
Compression chamber size(mm)	350×350	500×500
Machine size(mm)	600×620×1650	700×650×1950
Machine weight (kgs)	400	800



# ENERPAT

## Vertical solid waste baler

Combining lightweight household waste, cardboard boxes, waste paper, straw, crushed documents, palm, PET bottles, HDPE bottles, plastic films, woven bags, etc



### Technical highlights

- Double door interlock
- Hand wheel lock
- Integrated hydraulic system
- Digital pressure gauge

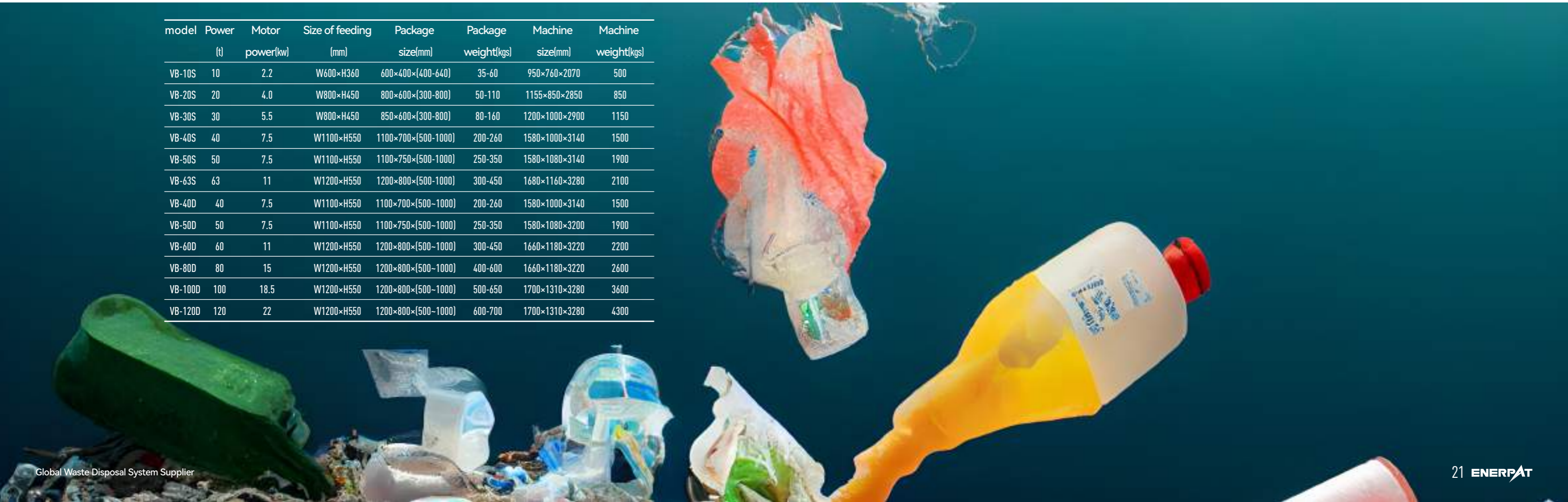


### Packaging effect



### Equipment parameters

model	Power (t)	Motor power(kw)	Size of feeding (mm)	Package size(mm)	Package weight(kgs)	Machine size(mm)	Machine weight(kgs)
VB-10S	10	2.2	W600×H360	600×400×(400-640)	35-60	950×760×2070	500
VB-20S	20	4.0	W800×H450	800×600×(300-800)	50-110	1155×850×2850	850
VB-30S	30	5.5	W800×H450	850×600×(300-800)	80-160	1200×1000×2900	1150
VB-40S	40	7.5	W1100×H550	1100×700×(500-1000)	200-260	1580×1000×3140	1500
VB-50S	50	7.5	W1100×H550	1100×750×(500-1000)	250-350	1580×1080×3140	1900
VB-63S	63	11	W1200×H550	1200×800×(500-1000)	300-450	1680×1160×3280	2100
VB-40D	40	7.5	W1100×H550	1100×700×(500-1000)	200-260	1580×1000×3140	1500
VB-50D	50	7.5	W1100×H550	1100×750×(500-1000)	250-350	1580×1080×3200	1900
VB-60D	60	11	W1200×H550	1200×800×(500-1000)	300-450	1660×1180×3220	2200
VB-80D	80	15	W1200×H550	1200×800×(500-1000)	400-600	1660×1180×3220	2600
VB-100D	100	18.5	W1200×H550	1200×800×(500-1000)	500-650	1700×1310×3280	3600
VB-120D	120	22	W1200×H550	1200×800×(500-1000)	600-700	1700×1310×3280	4300



# ENERPAT

## Oil drum crusher

Compress waste oil drums, paint drums, plastic container drums, iron drums, hydraulic oil drums, paint drums, gasoline drums, lubricating oil drums



### Technical highlights

- Explosion proof puncture function
- Waste liquid collection tank
- Optional explosion-proof components
- Safety travel switch



### Flattening effect



### Equipment parameters

model	DC-15	DC-20	DC-30
Compression chamber(mm)	500x500x440	600x500x440	780x780x940
cycle time(S)	15	20	26
Compression pressure(T)	15	20	30
Motor power(kws)	2.2	3.0	5.5
Hydraulic oil type	ISO46 Anti wear hydraulic oil	ISO46 Anti wear hydraulic oil	ISO46 Anti wear hydraulic oil
Operation method	One-key operation	One-key operation	One-key operation
Machine size	710x650x1650	980x500x1810	1150x900x2450
Machine weight(T)	0.45	0.7	1.0







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## Auxiliary Equipment



### CENTRIFUGES

Oil removal treatment of various metal cutting chips such as iron chips, aluminum chips, copper chips, etc

model	ED-400	ED-600	ED-800
Drum diameter(mm)	φ400	φ600	φ800
Net oil rate	3%-5%	3%-5%	3%-5%
Motor power(kw)	4	5.5	7.5
Maximum speed(r/min)	1200	1200	1200
Size of separated materials(mm)	3-50	3-50	3-50
External dimensions(mm)	1600X1400X1600	2000X1400X1700	2600X1800X1900



### Friction cleaning machine

Plastic films, tape fragments, and other sheet or strip shaped plastics with low hardness and small volume

model	EFCM-5030
Spindle rotation diameter(mm)	φ500
Spindle length (mm)	3000
Spindle speed(r/min)	760
Maximum speed(r/min)	1200
Screen aperture(mm)	φ3
Main motor power(kw)	22
Equipment weight(kg)	1491



### Horizontal dehydrator

Dehydration treatment of thin film materials and sheet plastics

model	EHD-650	EHD-800
Power(kw)	55	90
Rated speed(rpm)	1450	1450
Spindle rotation diameter(mm)	Φ630	Φ780
Number of sieves(pcs)	4	4
External dimensions(mm)	3719*1383*1884	3907*1533*3030



### Separation and sedimentation tank

Clean plastics with a density less than water, such as PE, PP films, bottle sheets

model	Water discharge (m³/h)	Drum speed (r/min)	Total volume (m³)	Total power (kw)	Equipment weight (kg)
ERT-1240	≥15	10	4.6	3.7	3457
ERT-1260	≥15	10	6.8	5.15	4483
ERT-1540	≥20	10	5.6	4.5	3756
ERT-1560	≥20	10	8.2	6.35	4756
ERT-1840	≥24	10	6.6	4.5	3820
ERT-1860	≥24	10	9.7	6.35	4798

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ENERPAT is a win-win situation with the world, and its products and services involve hundreds of industries such as new energy, automobile manufacturing, steel structures, shipping, and engineering machinery, etc. It has collaborated with multiple globally renowned manufacturing and resource recycling enterprises such as Veolia, GEM, CHINALCO, Hydro, Mercedes-Benz, BMW, etc.





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