CNHAO
Streamline Eco Tech

Future-Proofing the Planet

Shaping a Greener Future in Harmony with Nature.

CNHAO
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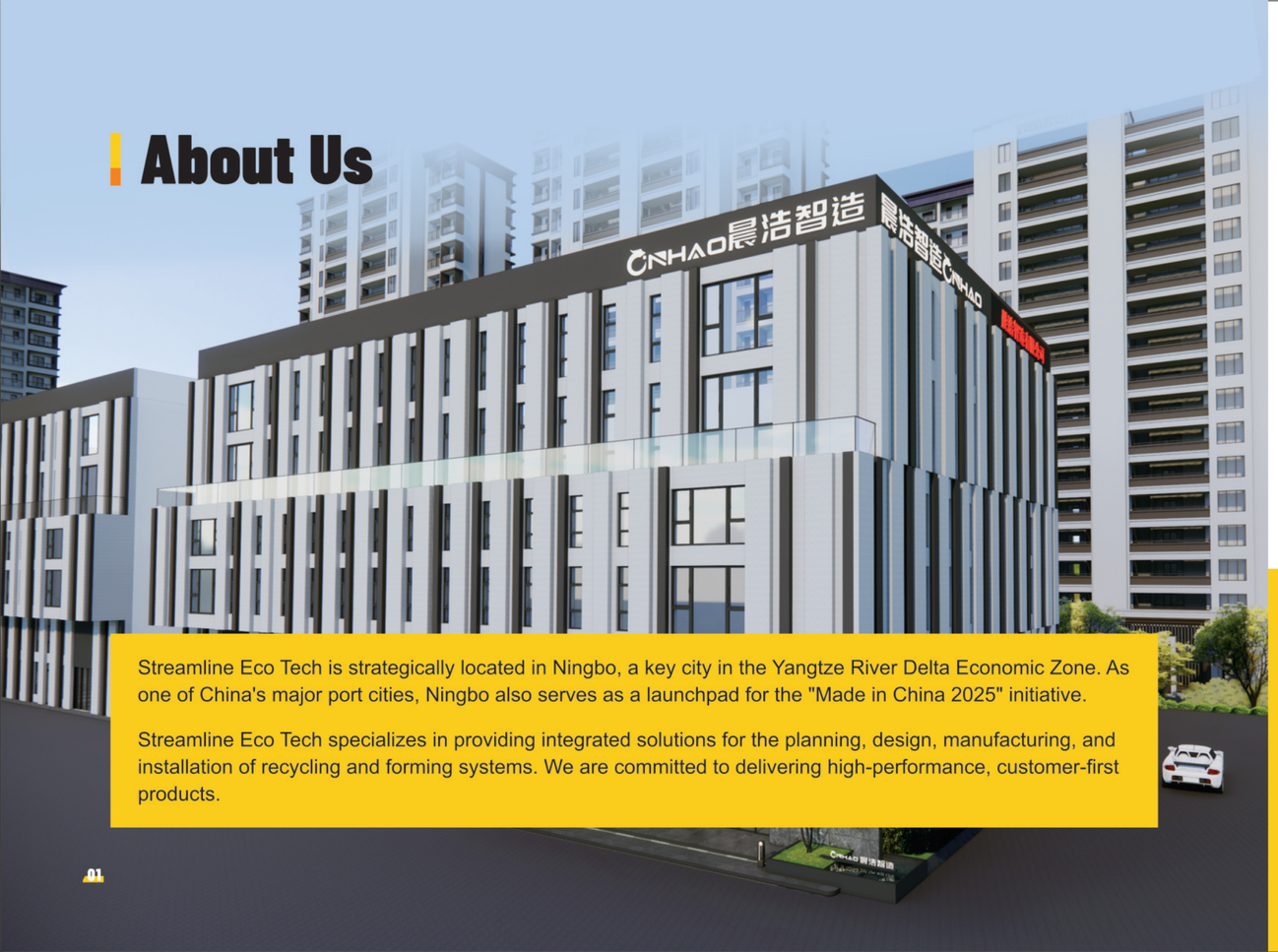
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About Us



Streamline Eco Tech is strategically located in Ningbo, a key city in the Yangtze River Delta Economic Zone. As one of China's major port cities, Ningbo also serves as a launchpad for the "Made in China 2025" initiative.

Streamline Eco Tech specializes in providing integrated solutions for the planning, design, manufacturing, and installation of recycling and forming systems. We are committed to delivering high-performance, customer-first products.

18+
Year

80+
Sales country

60000+ M^2

Innovation-led, technology-driven

Focusing on technological innovation and R&D, Streamline Eco Tech core products are protected by independent intellectual property rights, with numerous software copyrights and patents already awarded.

The company strictly adheres to the ISO 9001:2015 international quality management system, leveraging its extensive industry expertise to ensure exceptional quality and service. This dedication has earned Streamline Eco Tech the trust and recognition of clients and widespread acclaim in the industry.

Certificate Of Honor

Relentlessly Advancing in R&D and Technological Innovation

2 Items **Invention Patents**

1 Items **Design Patents**

6 Items **Utility Models**

7 Items **Software Copyrights**



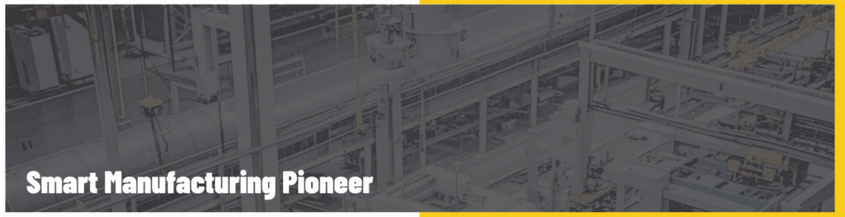
(Certificates displayed are only a partial selection.)

Development

Innovation-Driven Excellence

Streamline Eco Tech is committed to enhancing production efficiency through smart manufacturing technologies, becoming a pioneer in industry automation and driving the transformation and upgrade of the entire manufacturing sector.

With a focus on the comprehensive planning, design, and production of rubber and plastic molding systems, as well as eco-friendly equipment, Streamline Eco Tech continuously explores new technologies and products to promote green manufacturing.







Global Strategy

Actively expanding into international markets, Streamline Eco Tech fosters close collaboration along the industrial value chain, advancing mutual growth. The company is dedicated to introducing its products and services to global customers.

Streamline Eco Tech firmly believes that continuous innovation is the engine for sustainable corporate development. By staying at the forefront of industry trends, the company contributes to environmental protection and sustainable development worldwide.



Processing Capacity

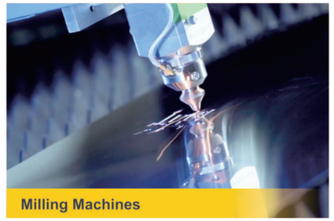
Smart & Digital Factories



World-class manufacturing equipment

Strict quality inspection standards to ensure “zero-defect production” from the source.


Gantry Machining Centers


Milling Machines


Paint Workshops


CNC Lathes


Shaft Machining Tools


Drilling Machines

Recycling Category



Plastic

Plastic bottles, tonne bags, woven bags, plastic bags, film, all kinds of waste soft & hard plastic products, etc.



Waste

Miscellaneous plastics, organic waste, textiles, paper, etc.



Metal

Scrap metal, scrap iron, scrap aluminium, wheel hubs, colour steel tiles, iron drums, etc.



Wood

Wood, wooden pallets, planks, chinese herbs, branches, etc.



Oversized waste

Waste appliances, old tires, furniture, metal drums, etc.



E-Waste

Used mobile phones, office equipment, home appliances, accessories, batteries, digital devices.



Hazardous Chemicals

Waste batteries, paint drums, blue drums, bulk containers, oil filters, etc.



Refuse-Derived Fuel (RDF)

Paper, non-ferrous hard plastic films, glass, wood, plastics, metals, rubber, etc.

Single Shaft Shredder - S Series



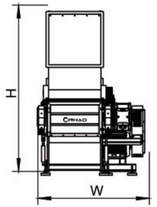


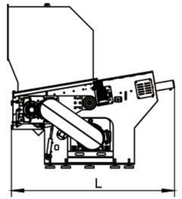
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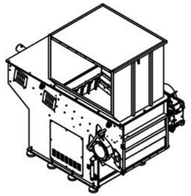
The Single Shaft Shredder (S Series) is a widely used, low-speed, high-torque crushing equipment. It adopts a brand-new design concept, achieving high output and low cost while enhancing maintenance convenience and safety. The machine body is made of special materials and advanced welding technology, ensuring a more robust structure and exceptional shredding capability.

Applications:

Plastic lumps, plastic sheets, PP woven bags, PET bottles, PE films, plastic pipes, waste paper, wires and cables, circuit boards, etc.







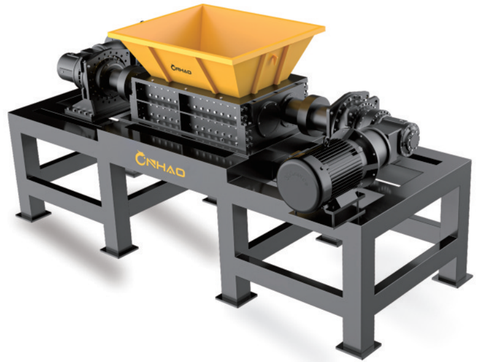
Specifications

Ltem \ Model	S600	S800	S1000	S1200	S1400	S1600	S1800
Rotor diameter(mm)	ϕ300	ϕ400/450	ϕ450	ϕ450	ϕ450/520	ϕ580/630	ϕ580/630
Rotor width(mm)	600	820	1030	1230	1450	1650	1850
Spindle speed(rpm)	73	73	73	73	73	73	73
Counter knife qty(pcs)	2	2	3	3	4	5	6
Rotor knife qty(pcs)	30/45	34/51	42/63	54/81/108	81/108/132	70/105/140	86/129/172
Motor power(kw)	22	37/45	55	75	90	75x2	90x2
Hydraulic drive capacity(kw)	5.5	5.5	5.5	5.5	7.5	7.5	7.5
Screen opening(mm)	>20	>20	>20	>20	>20	>20	>20
L×W×H Dimension(mm)	1780x1400 x1900	2400x1800 x2500	2800x2000 x2800	3350x2350 x3000	3350x2600 x3000	3800x3400 x3600	4100x3400 x3600
Weight (kg)	2800	3700	5000	6800	8300	11000	14000

Model	S600	S800	S1000	S1200	S1400	S1600	S1800
L(mm)	1780	2400	2800	3350	3350	3800	4100
W(mm)	1400	1800	2000	2350	2600	3400	3400
H(mm)	1900	2500	2800	3000	3000	3600	3600

We reserve the right to change specifications without prior notice.

Double Shaft Shredder - D Series



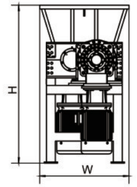


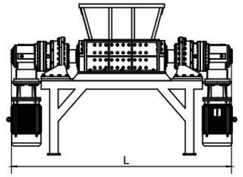
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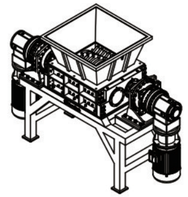
The Double Shaft Shredder (D Series) is widely applied in the recycling and regeneration of various industrial and solid waste. With low-speed, high-torque shearing, it offers high efficiency and stable operation. The cutters are designed with high-strength alloys, making them suitable for shredding high-strength materials.

Applications:

Industrial waste, waste paper, waste household appliances, construction wood, car shells, tires, metal barrels, household waste, large plastic pieces, films, etc.







Specifications

Ltem \ Model	D800	D1000	D1200	D1400	D1600
Blade diameter (mm)	ϕ420	ϕ420	ϕ510	ϕ510	ϕ510
Blade thickness(mm)	40	45	50	50	80
Knife qty(pcs)	20	22	24	28	20
Rotor speed(rpm)	14-23	14-23	10-18	10-18	8-15
Motor power(kw)	30x2	37x2	45x2	55x2	75x2
A×B Crushing chamber(mm)	815x780	1015x780	1220x1000	1420x1000	1620x1000
L×W×H Dimension(mm)	3100x1020 x2000	3500x1020 x2000	4500x2300 x2300	5000x2300 x2300	6200x2300 x2500
Weight (kg)	4500	8000	10500	12000	17000

Model	D800	D1000	D1200	D1400	D1600
L(mm)	3100	3500	4500	5000	6200
W(mm)	1020	1020	2300	2300	2300
H(mm)	2000	2000	2300	2300	2500

We reserve the right to change specifications without prior notice.

Double Rotor Shredder - T Series



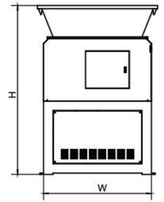


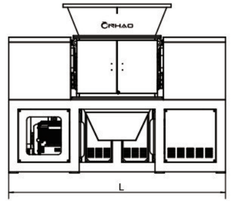
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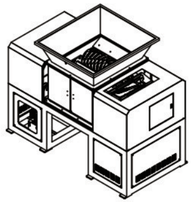
The Double Rotor Shredder (T Series) is a low-speed, high-torque machine, suitable for processing a variety of materials. Its unique rotor design ensures even blade distribution, reducing tool wear and dust emissions. It features replaceable mesh screens to control the output size. The rotors can be overlay-welded with wear-resistant materials, extending the equipment's lifespan.

Applications:

Industrial waste paper, woven bags, PE films, used cables, wooden pallets, confidential document destruction, etc.







Specifications

Ltem \ Model	T800	T1000	T1200	T1600
Rotor diameter(mm)	ϕ420	ϕ420	ϕ420	ϕ420
Rotor width(mm)	800	1000	1200	1600
Spindle speed(rpm)	38	38	38	38
Counter knife qty(pcs)	4	6	8	8
Rotor knife qty(pcs)	72	96	112	144
Motor power(kw)	37x2	55x2	75x2	90x2
Hydraulic drive capacity(kw)	1.5	1.5	1.5	1.5
Screen opening(mm)	>30	>30	>30	>30
L×W×H Dimension(mm)	3000x1750 x2700	3200x1750 x2700	3500x1750 x2700	5000x1900 x2700
Weight (kg)	5000	7000	95000	15000

Model	T800	T1000	T1200	T1600
L(mm)	3000	3200	3500	5000
W(mm)	1750	1750	1750	1900
H(mm)	2700	2700	2700	2700

We reserve the right to change specifications without prior notice.

Pipe Shredder - P Series

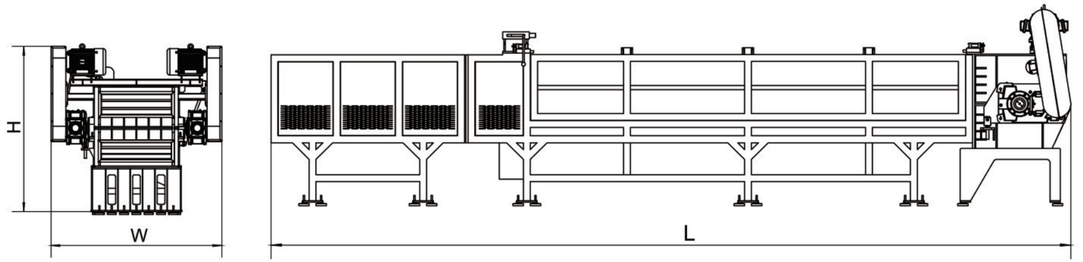


Features:

The Pipe Shredder (P Series) is specially designed to meet the shredding needs of large-diameter pipes and large plastic profiles. The equipment features a solid and reliable structure, high shredding efficiency, safe and convenient operation.

Applications:

Large pipes, PP pipes, sanitation bins, roll-up carpets, industrial paper tubes, etc.



Specifications

Ltem \ Model	P800	P1000	P1200
Rotor diameter(mm)	ϕ800	ϕ1000	ϕ1200
Rotor width(mm)	820	1030	1230
Spindle speed(rpm)	36	33	27
Counter knife qty(pcs)	2	3	4
Rotor knife qty(pcs)	102	126	150
Motor power(kw)	30+30	37+37	45+45
Hydraulic drive capacity(kw)	11	15	15
L×W×H Dimension(mm)	9580x2300x2300	11000x2500x2500	11580x2900x2850
Weight (kg)	7500	9000	11000

We reserve the right to change specifications without prior notice.

Crusher - C Series



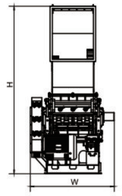


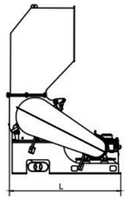
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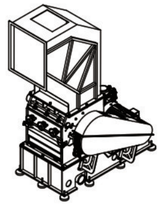
The Crusher (C Series) is suitable for crushing plastic, cables, and rubber products. It utilizes high-speed blades for cutting, providing excellent crushing efficiency. Generally is used for secondary crushing. The output size of granule can be adjusted by screen mesh.

Applications:

PET bottles, plastic housings, composite material cables, waste paper, Films, pipes, nylon, etc.







Specifications

Ltem \ Model	C0600/450	C800/600	C1000/600	C1200/600	C1400/600	C1200/800
Rotor diameter(mm)	ϕ450	ϕ600	ϕ600	ϕ600	ϕ600	ϕ800
Rotor width(mm)	600	800	1000	1200	1400	1200
Spindle speed(rpm)	580	520	520	520	520	420
Counter knife qty(pcs)	2	2	2/3	2/3	2/3	2/3
Rotor knife qty(pcs)	3	3/5	5/7	5/7	5/7	5/7/9
Motor power(kw)	30	37/55	55/75	75/90	110/132	110/132
Hydraulic drive capacity(kw)	1.5	1.5	1.5	1.5	3	3
Inlet size(mm)	600x580	800x930	1000x930	1200x1000	1400x1000	1200*1100
Screen opening(mm)	>6	>6	>6	>6	>10	>10
L×W×H Dimension(mm)	1800x1250 x2200	2200x1660 x3420	2300x1860 x3420	2300x2180 x3520	2300x2400 x3520	2300x2200 x3720
Weight (kg)	2000	3700	4300	5200	6500	8000

Model	C0600/450	C800/600	C1000/600	C1200/600	C1400/600	C1200/800
L(mm)	1800	2200	2300	2300	2300	2300
W(mm)	1250	1660	1860	2180	2200	2400
H(mm)	2200	3420	3420	3520	3520	3720
C(mm)	580	930	930	1000	1000	1100
D(mm)	600	800	1000	1200	1400	1200

We reserve the right to change specifications without prior notice.

Waste Plastic Recycling Line

Materials are conveyed by the conveyor to the shredder, where they are shredded into uniform size pieces. After conveying these pieces to the crusher, the final crushed material is collected by the cyclone separator system.



Pipe Recycling Line



Waste Plastic Washing Line

Suitable for woven bags, drinking bottles, agricultural films, and various plastic products.
The entire line is automated which improves the production efficiency.
The crushing system adopts a wear-resistant design, ensuring long-term operation of the equipment.



Crusher Efficient processing with easy maintenance.

Modular design for easy maintenance. **Conveyor Belt**

Separates contaminant, grease and dirt via high-speed rotation. **Friction Washer**

Density sorting to separate sinking materials from floating materials. **Separation Pool**

Material dehydration treatment, achieving up to 98% dehydration efficiency. **Dehydrator**

Removes dirt andlabels. Collects target materials. **Air Classifier**

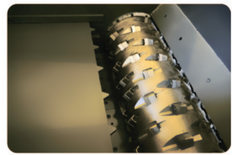
Material Type

Conveyor

The belt conveyor features modular design, making installation and maintenance more convenient. It uses a gearbox-driven motor and can be equipped with a metal detector.



Product Details



Cutting Rotors

The movable blades are arranged in a V-shaped order. It can be replaced and rotated for multiple uses. Blade materials can be customized.

The rotor surface can be overlay-welded with wear-resistant materials to extend the equipment's service life.

Hydraulic System

Features a dual-cylinder balanced feeding system with adjustable speed. The hydraulic system can adjust feeding and retraction speeds based on material properties.



An air cooling system is integrated to maintain oil temperature, ensuring continuous operation.



Reducer

Equipped with a planetary reducer with spline connections, ensuring smooth transmission, uniform force distribution, low noise, excellent fatigue resistance & high torque.



Sieve

Interchangeable sieves with varying sieve holes to meet diverse needs. Hydraulic-driven sieve replacement enhances safety and reduces labor requirements.

Crushing Comparison



Comprehensive Service Networks



68 Domestic Service offices.
Fast response to customer needs.

Equipment exported to **80** countries and regions worldwide.