

東北國際機械有限公司

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Northeast

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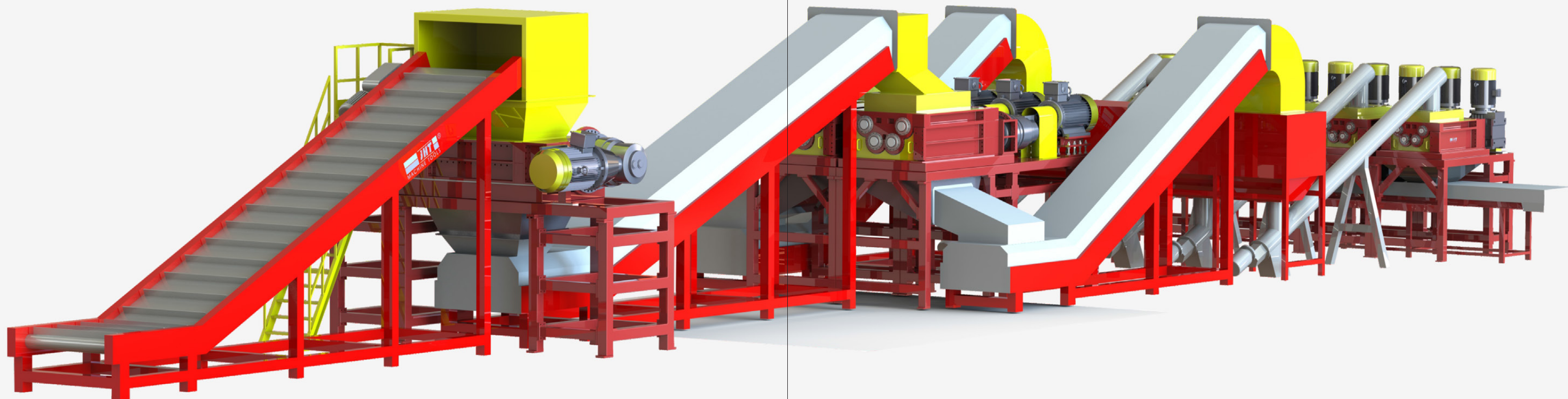
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Let your production equipment achieve optimal performance!

讓您的生產設備達到最佳使用效果！



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企業簡介

COMPANY PROFILE

東北國際機械有限公司專業從事再生資源回收行業的固廢處理設備的高端裝備研發及製造。產品為雙軸撕碎機，四軸撕碎機等設備為主，致力於解決生活垃圾粉碎、醫療垃圾粉碎、電子垃圾粉碎、廢紙破碎、金屬屑撕碎、木材撕碎、塑膠、廢舊輪胎等產品的撕碎。借鑒合作夥伴的固廢回收的歷史經驗，為各個行業提供最具針對性的自動化整體解決方案，同時提供最高性價比的自動化系統設備。

在全球範圍我們與各國商業夥伴及代理商進行合作，可根據客戶特殊要求定制，便於更好的同各國客戶交流，更深入的瞭解客戶的切實需求。根據不同市場的特點，我們與代理商共同制定最符合市場需求的解決方案並組建專業的技術團隊，提供優質，高效的售後服務以確保海外市場的穩定增長。除各類基本業務之外，我們和全球合作夥伴非常樂於同客戶共同探討應用技術，幫助客戶提高生產效率，產品品質及附加價值。藉此，我們以提供整體解決方案和增值服務的方式進一步融入到整個產業鏈之中。

Northeast International Machinery Co., Ltd. specializes in the research, development, and manufacturing of high-end equipment for solid waste treatment in the renewable resource recycling industry. Its main products include dual-shaft shredders and four-shaft shredders, dedicated to shredding municipal solid waste, medical waste, electronic waste, waste paper, metal scraps, wood, plastics, and used tires, among others. Drawing on the historical experience of its partners in solid waste recycling, the company provides the most targeted automated overall solutions for various industries, while also offering cost-effective automated system equipment.

Globally, we collaborate with business partners and agents from various countries, customizing products according to customers' special requirements to facilitate better communication with clients worldwide and gain a deeper understanding of their practical needs. Based on the characteristics of different markets, we work jointly with agents to develop solutions that best meet market demands and establish professional technical teams to provide high-quality and efficient after-sales services, ensuring stable growth in overseas markets. In addition to various basic businesses, we and our global partners are more than willing to explore application technologies with customers, helping them enhance production efficiency, product quality, and added value. Through this approach, we further integrate into the entire industrial chain by offering comprehensive solutions and value-added services.

作業環境 FACTORY GALLERY

APPLICATIONS



PLASTIC AND RUBBER



ELT



WEEE



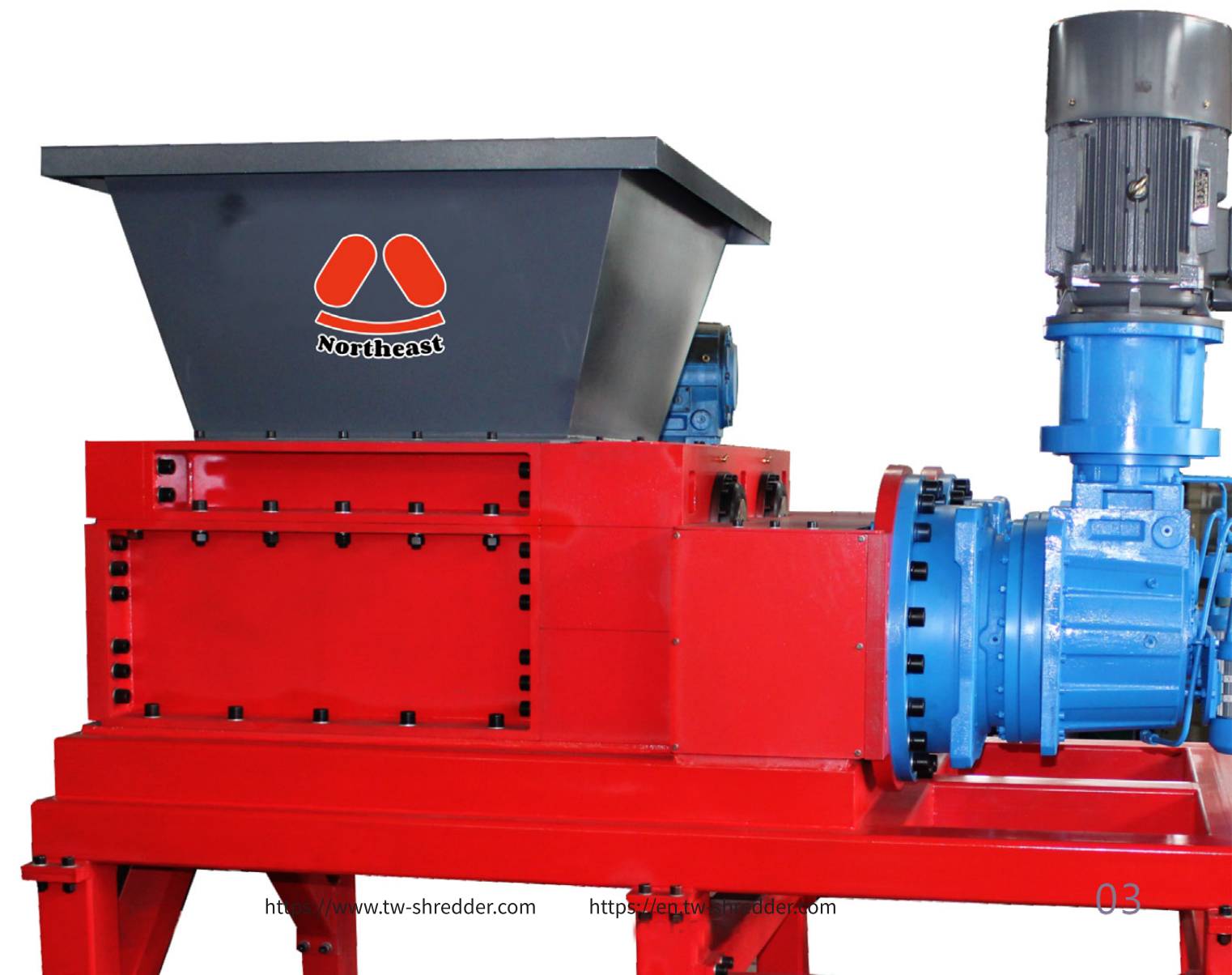
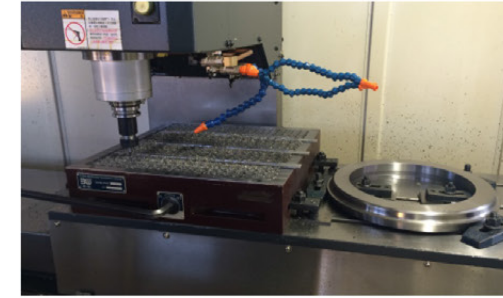
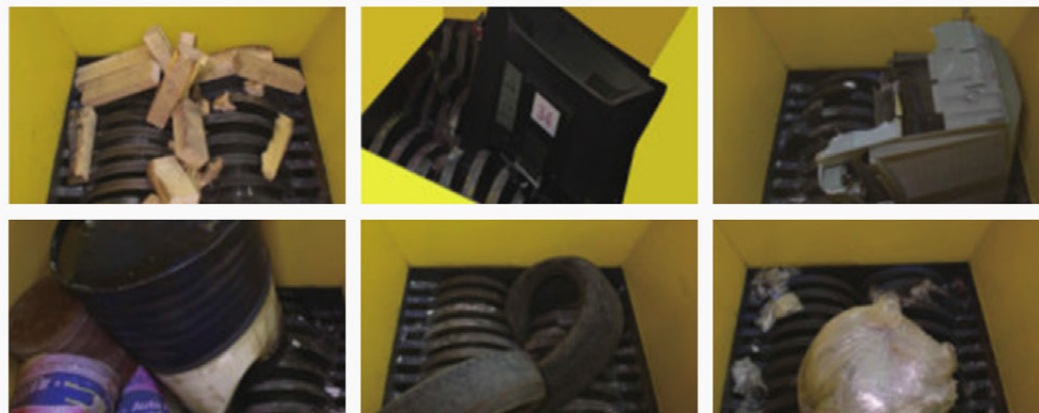
INDUSTRIAL AND DANGEROUS
WASTE



MSW



FOOD WASTE



單軸破碎機

SINGLE SHAFT CRUSHER

It is suitable for PE, PP film woven bags with large output, and especially suitable for raw materials packed by balers without

disassembling and cutting off metal wires. The swing-arm shredder will automatically disassemble and shred directly.

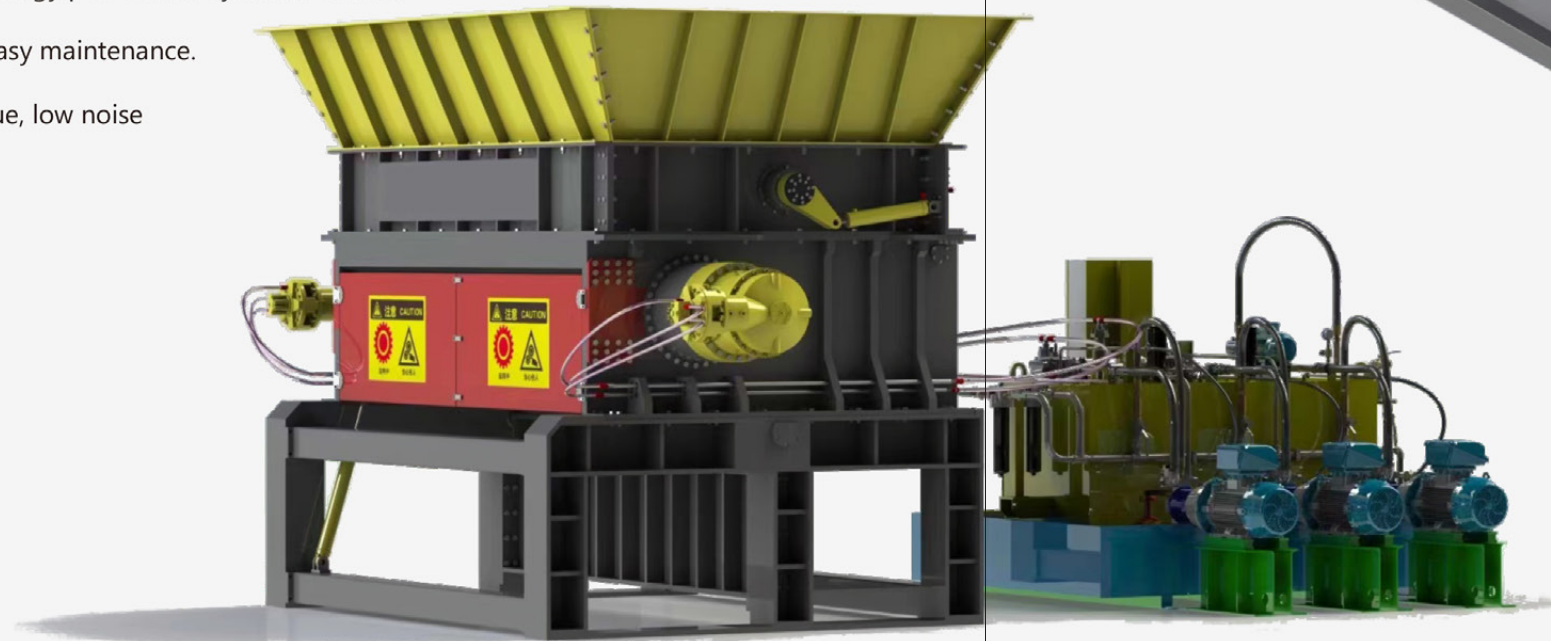
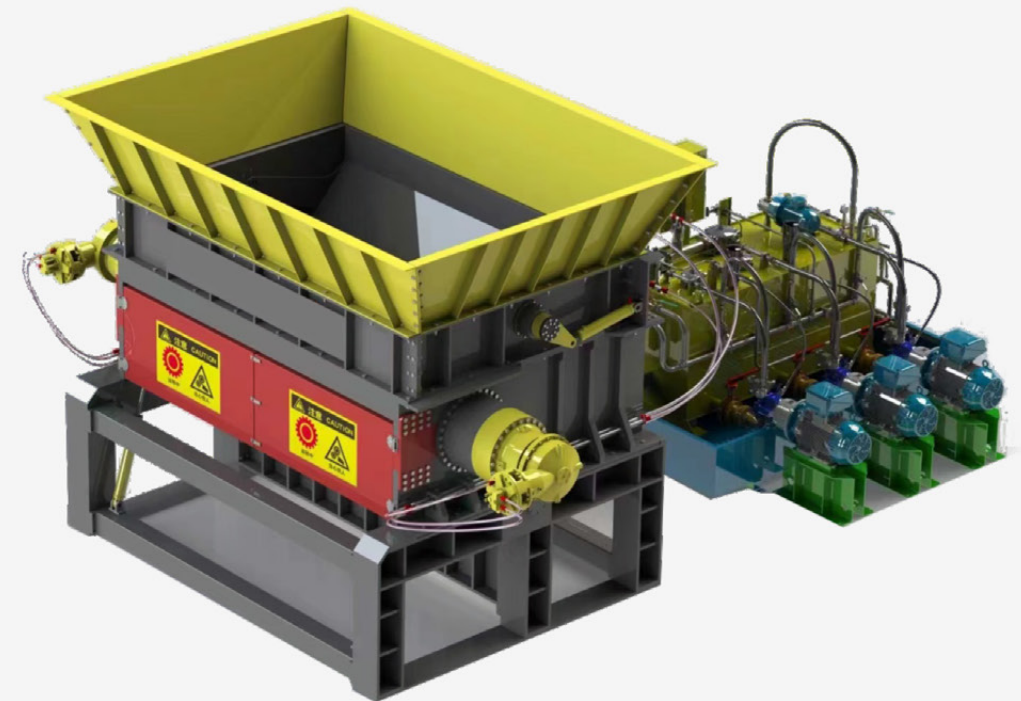
- The blade set layout adopts V-type rotating structure, with a uniform force state.

The swing arm thrust kinetic energy powers the hydraulic station.

Low energy consumption and easy maintenance.

Low rotating speed, high torque, low noise

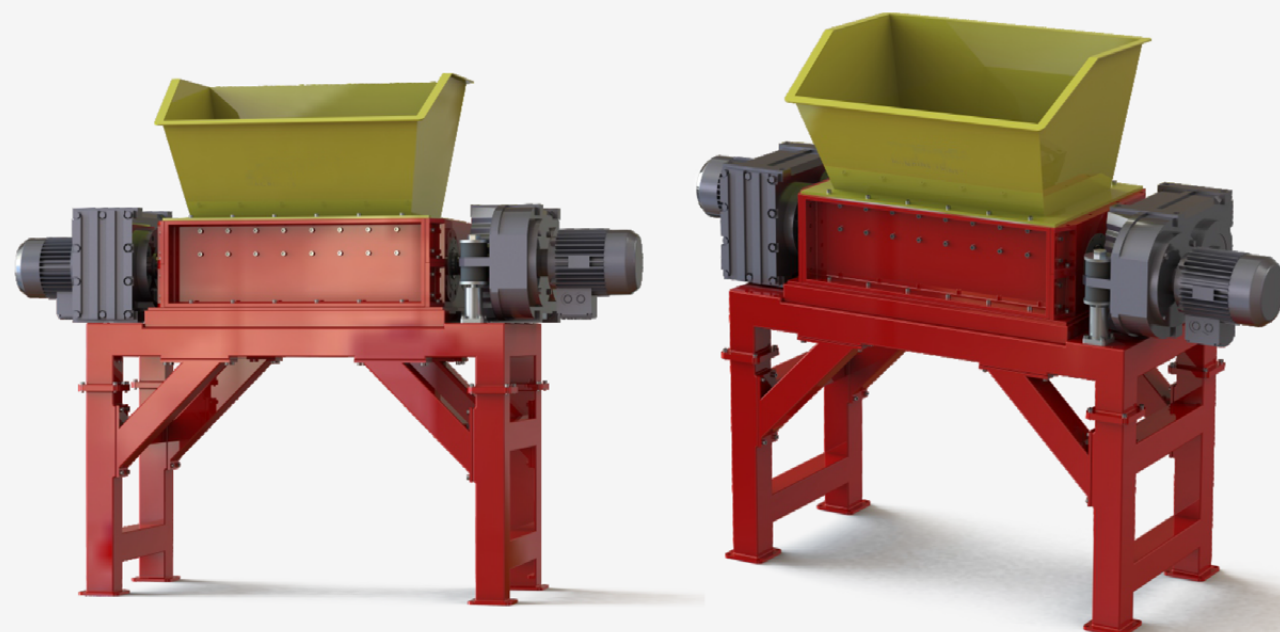
MODEL/PARAMETER	SG1600	SG2000	SG2500	SG3000
RORATION DIAMETER (MM)	500-560	550-650	650-720	800-830
CHAMBER INNER SIZE (MM)	1600*1400	2000*1800	2500*2000	3000*2200
MOTOR POWER (KW)	75-110*2	110-160*2	160-200*2	200-300*2
ROTATION SPEED (RPM)	60-100	80-120	80-120	80-120
ROTARY BLADE NUMBERS	90-120	120-150	150-180	180-260
STATIONARY BLADE NUMBERS	8	10	10	12
HYDRAULIC POWER (KW)	11	15	22	30



MODEL/PARAMETER	SG600	SG800	SG1200
RORATION DIAMETER (MM)	280-300	300-350	350-400
CHAMBER INNER SIZE (MM)	600*650	800*800	1200*1200
MOTOR POWER (KW)	22	30/37	45/75
ROTATION SPEED (RPM)	60	40-60	40-60
ROTARY BLADE NUMBERS	26-34	32-40	60-76
STATIONARY BLADE NUMBERS	4	4	6
SCREEN DIAMETER(MM)	40-100	40-100	40-100
HYDRAULIC POWER (KW)	3	4	7.5

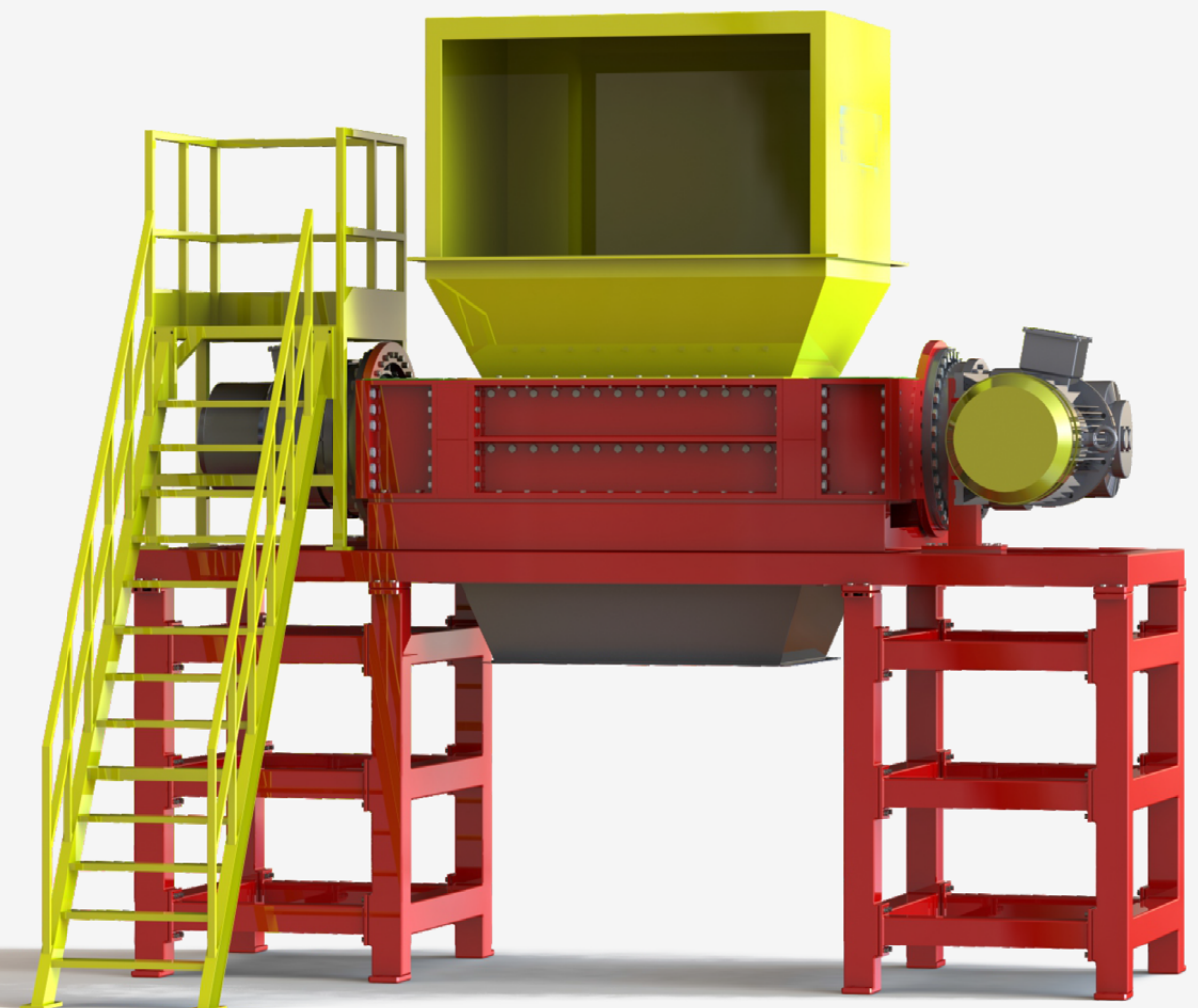
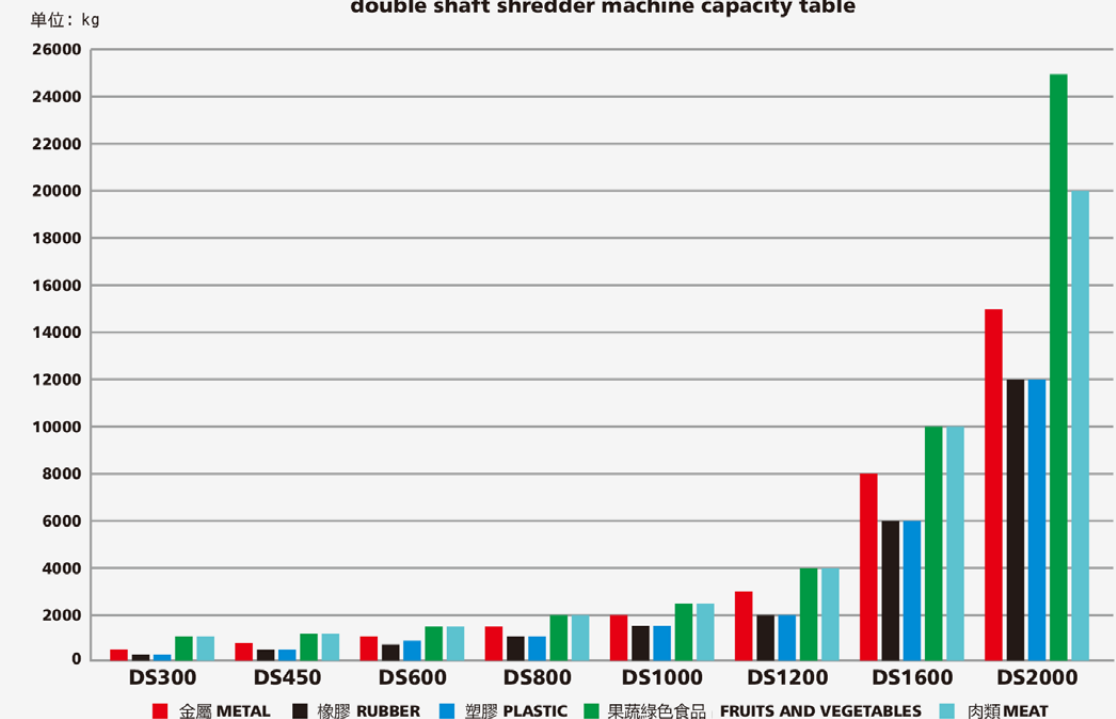
双轴撕碎机 DOUBLE SHAFT SHREDDER

Used in scrap metal products, wood products, plastic film products of waste furniture, rubber products, tyres recycling, and municipal solid waste disposal. Shredder with start, stop, reverse and overload automatic reversal control function, featuring with low speed, high torque, low noise, etc. The bearing seat adopts the split type, easy to disassemble and change the blade, suitable for shredding, extra size thick and difficult broken material.



Model	ROTARY BLADE SIZE(mm)	SHAFT SIZE(mm)	CHAMBER INNER LENGTH *WIDTH (mm)	REDUCER TYPE
DS300	φ170	φ70*760	300*320	K77-4P-1
DS450	φ180	φ80*950	400*350	K87-4P-1
DS550	φ220	φ90*1150	500*480	K97/107-4P-2
DS600	φ260	φ110*1300	600*500	K97/107-4P-2
DS800	φ300	φ125*1500	800*580	K127/157-4P-2
DS1000	φ350	φ145*1650	1000*680	P9/P11-4P-2
DS1200	φ450	φ190*1850	1200*880	P11/P13-4P-2
DS1600	φ500	φ240*2100	1600*960	P14/P16-4P-2
DS2000	φ700	φ320*2850	2000*1350	P17/P21-4P-2

雙軸撕碎機產能表
double shaft shredder machine capacity table





四轴撕碎机 FOUR SHAFT SHREDDER

The versatile machine adopts standardized modular design, and the interchangeability of the parts is good. The auxiliary knives are made of forgings. The main knives are made of special alloy steel with special process, which has good wear resistance, high-strength features, the drive part uses intermediate gear transmission to form a differential relationship. Screen removal is easy and simple. The shape is beautiful and the structure is precise and compact.

The four-shaft shredder is mainly composed of four sets of shredding blade, bearing box, box support, feeding system, power system and electrical control system.

The independent intelligent control system of the four-shaft machine enables each cutter roller to have independent crushing and protection actions, which improves the shear frequency and output. The main shaft of the ordinary four-axis machine is responsible for shearing, and the auxiliary shaft is for feeding. Through the optimization of shear structure and control principle, sired four-axis crusher has achieved a major breakthrough in crushing efficiency. In addition, FS series four-axis machine adopts hydraulic and motor coordinated drive, which not only has the effect of hydraulic drive with large torque and flexible regulation, but also retains the advantages of high motor drive efficiency and economic energy saving, providing a solution for heavy crushing condition with high particle size requirement.

Four - shaft composite cutting, instead of the traditional four - shaft , more efficient..

Optimized knife box force conduction design to reduce vibration and strain.

Reducer bearing block integral design to avoid frame distortion.

European steel mill direct supply of knife, batch clear, stable quality.

Through the strict heat treatment process, the alloy spindle is very tough internal hexagon axial surface, surface hardening treatment, abrasion and impact resistance

German fast welding technology, fast maintenance, high hardness central lubrication system PLC automatic lubrication

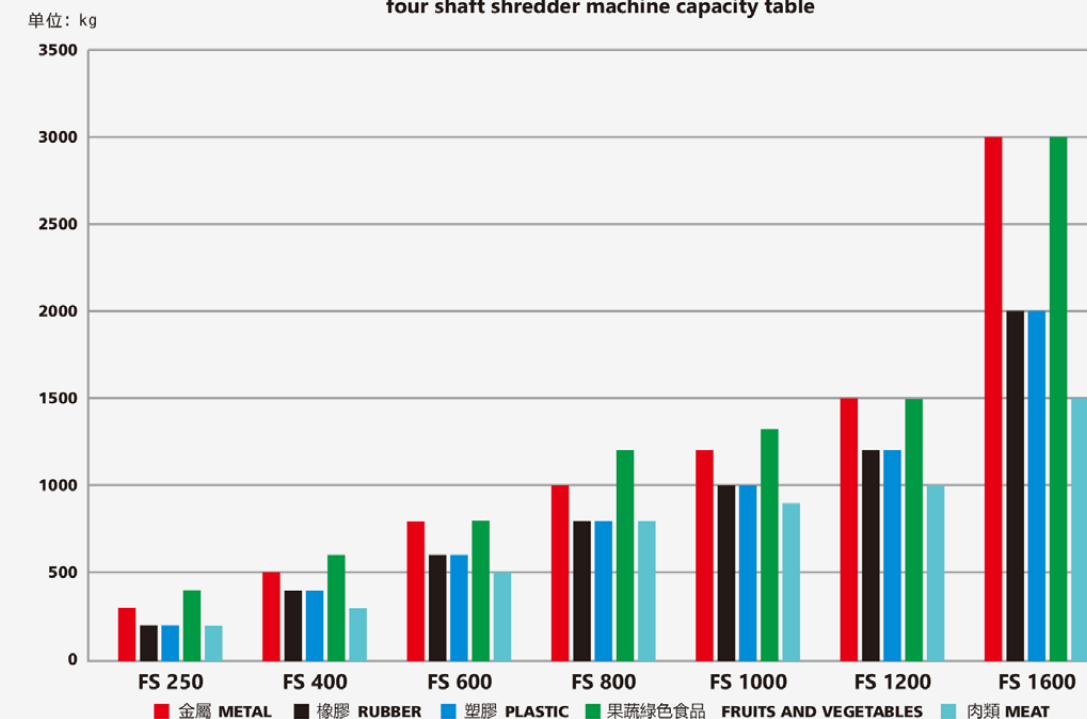
etc.

MODEL	ROTARY BLADE SIZE(MM)	SHAFT SIZE(MM)	CHAMBER INNER LENGTH *WIDTH (MM)	REDUCER TYPE
FS 250	φ130	φ70*680	250*410	K87-4P-1
FS 400	φ170	φ72*720	400*500	K87-4P-2
FS 600	φ240	φ90*980	600*740	K97/K107-4P-2
FS 800	φ260	φ105*1220	800*800	P8/P10-4P-2
FS 1000	φ280	φ135*1300	1000*860	P10/P12-4P-2
FS 1200	φ320	φ150*1800	1200 *950	P12/P14-4P-2
FS 1600	φ420	φ200*2400	1600 *1240	P14/P17-4P-2

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四轴撕碎機產能表
four shaft shredder machine capacity table



JHT FOUR SHAFT SHREDDER APPLICATION AREA



Large decoration garbage



200L iron painting bucket



IBC tons of barrels



Hard plastic, plastic support plate



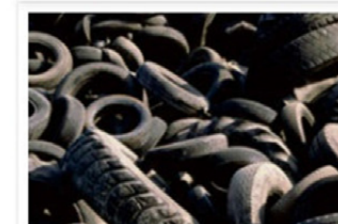
hazardous wastes



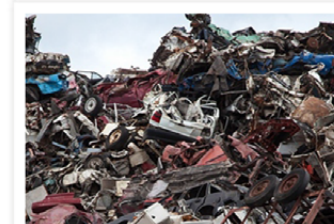
waste house appliances



Oil filter, ink cartridge



scrap tires



scrap metal

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破碎生產線 SHREDDING PRODUCTION LINE

主要應用於輪胎，危廢，固廢等其他可回收產品的破碎，分類，再次利用。設備生產線配合輸送線，磁選機，清洗機等設備達到分揀可利用廢品的價值。

根據不同的產量配置不同功率的設備。生產效率高、破碎效果好、使用週期長、故障率低、檢修維護方便、自動化程度高。

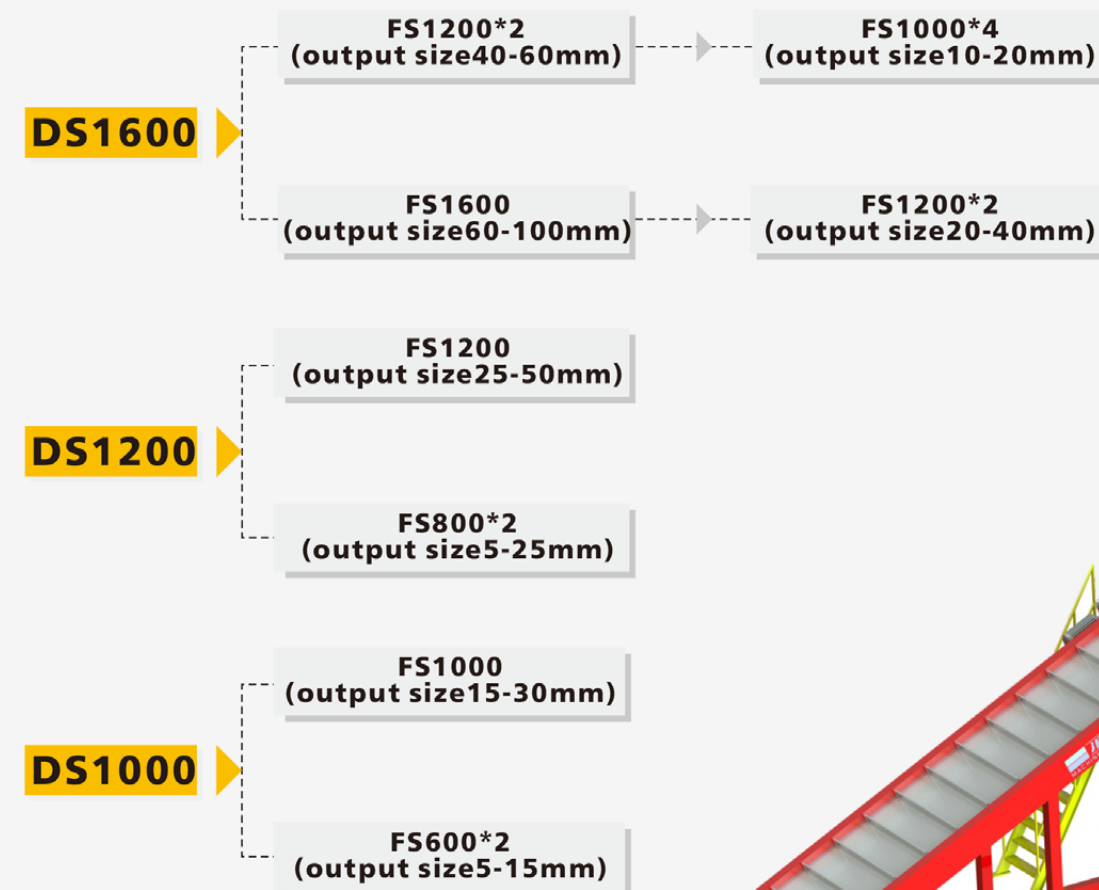
Shredder production line

Mainly used for crushing, sorting and reuse of tires, hazardous waste, solid waste and other recyclable products.

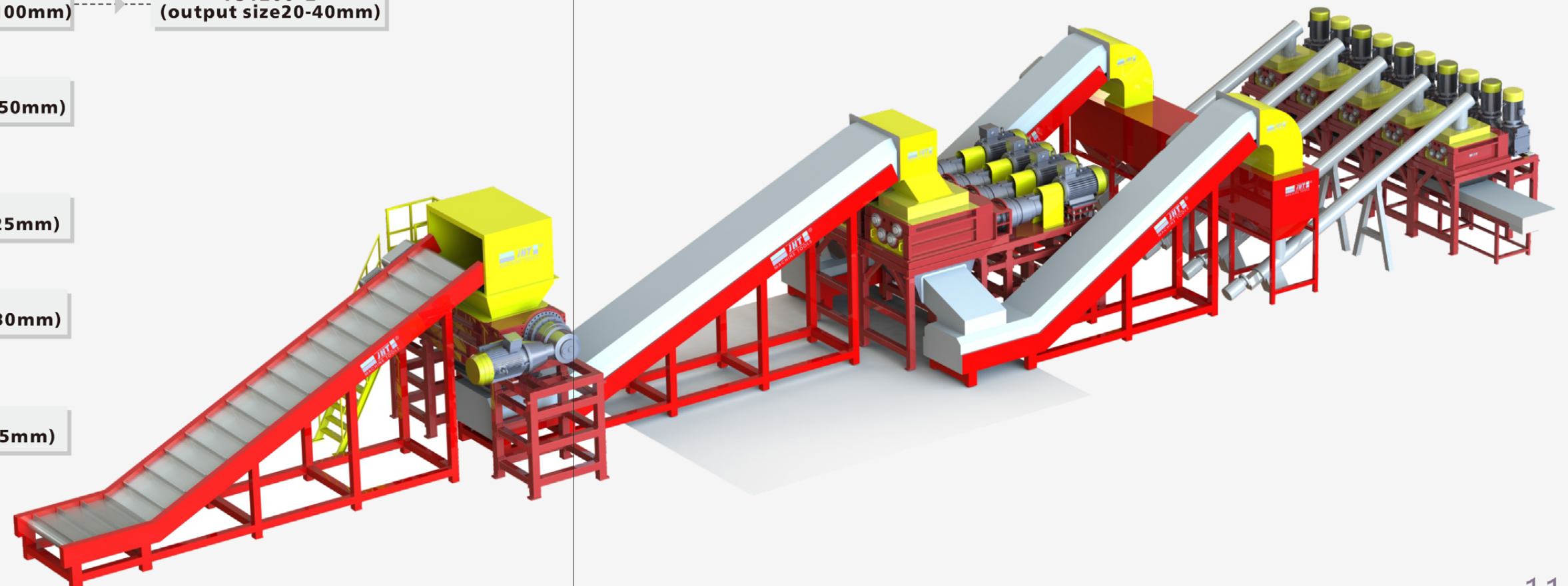
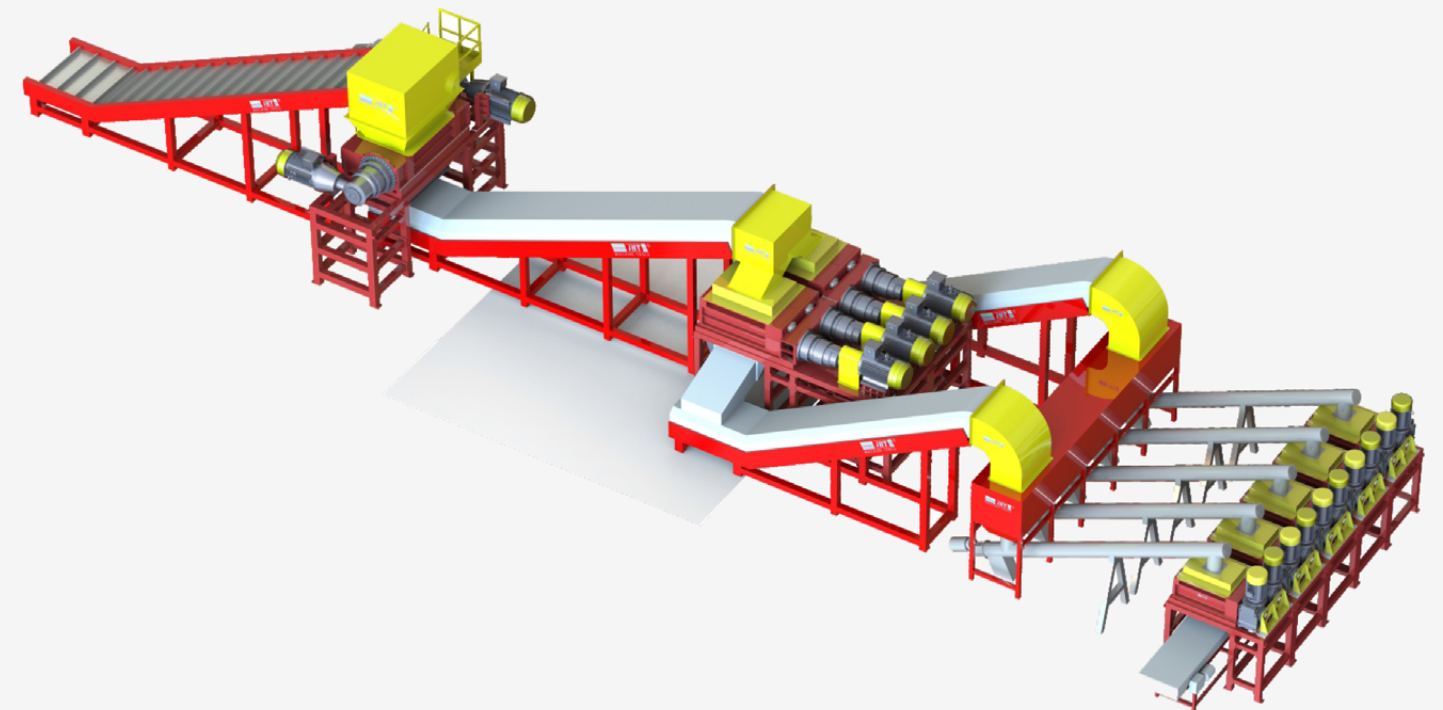
The equipment production line cooperates with conveyor lines, magnetic separators, cleaning machines and other equipment to achieve the value of sorting recyclable waste.

Equipment with different power according to different output.

High production efficiency, good crushing effect, long service life, low failure rate, convenient maintenance and high degree of automation.



破碎線搭配示意圖
DIAGRAM OF SHREDDER LINE MATCHING



工程用破碎機機箱

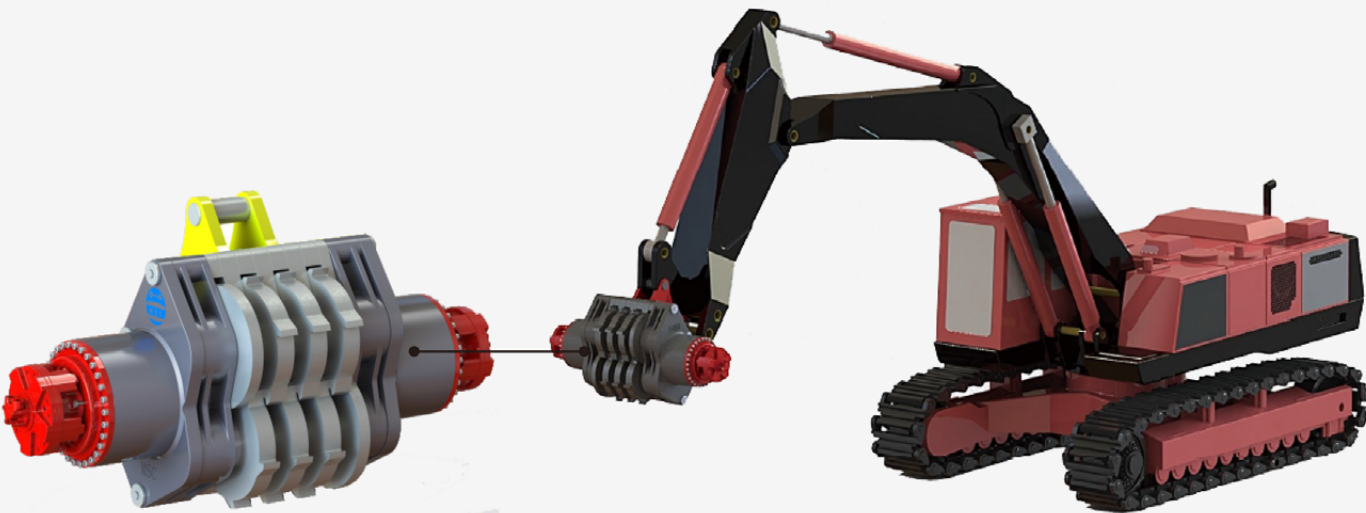
ENGINEERING SHREDDER

工程撕碎機
配合先有之工程機械，比如挖掘機，裝載機，以及具有液壓站動力的工程機械，在沒有電力的地區使用。可以有效地破碎各種廢棄物。

Engineering shredder
It can be used with existing engineering machinery, such as excavators, loaders, and engineering machinery with hydraulic station power, in areas without electricity. It can effectively crush various wastes.



MODEL /PARAMETERS	CMS 400	CMS 620	CMS 880
ROTERY BLADE SIZE(MM)	Φ400	Φ620	Φ880
BLADE THICKNESS(MM)	20-80	30-100	80-160
SPEED (RPM)	0-15	0-10	0-8
HYDRAULIC MOTOR DISPLACEMENT	8,100ml/r*2	22,000ml/r*2	66,000ml/r*2
RATED TORQUE	18,000 NM*2	5,0000NM*2	18000 NM*2
MAXIMUM TORQUE	22,000 NM*2	6,100 NM*2	22000 NM*2
RATED PRESSURE	16 MPA	16 MPA	16 MPA
MAXIMUMPRESSURE	20 MPA	20 MPA	20 MPA

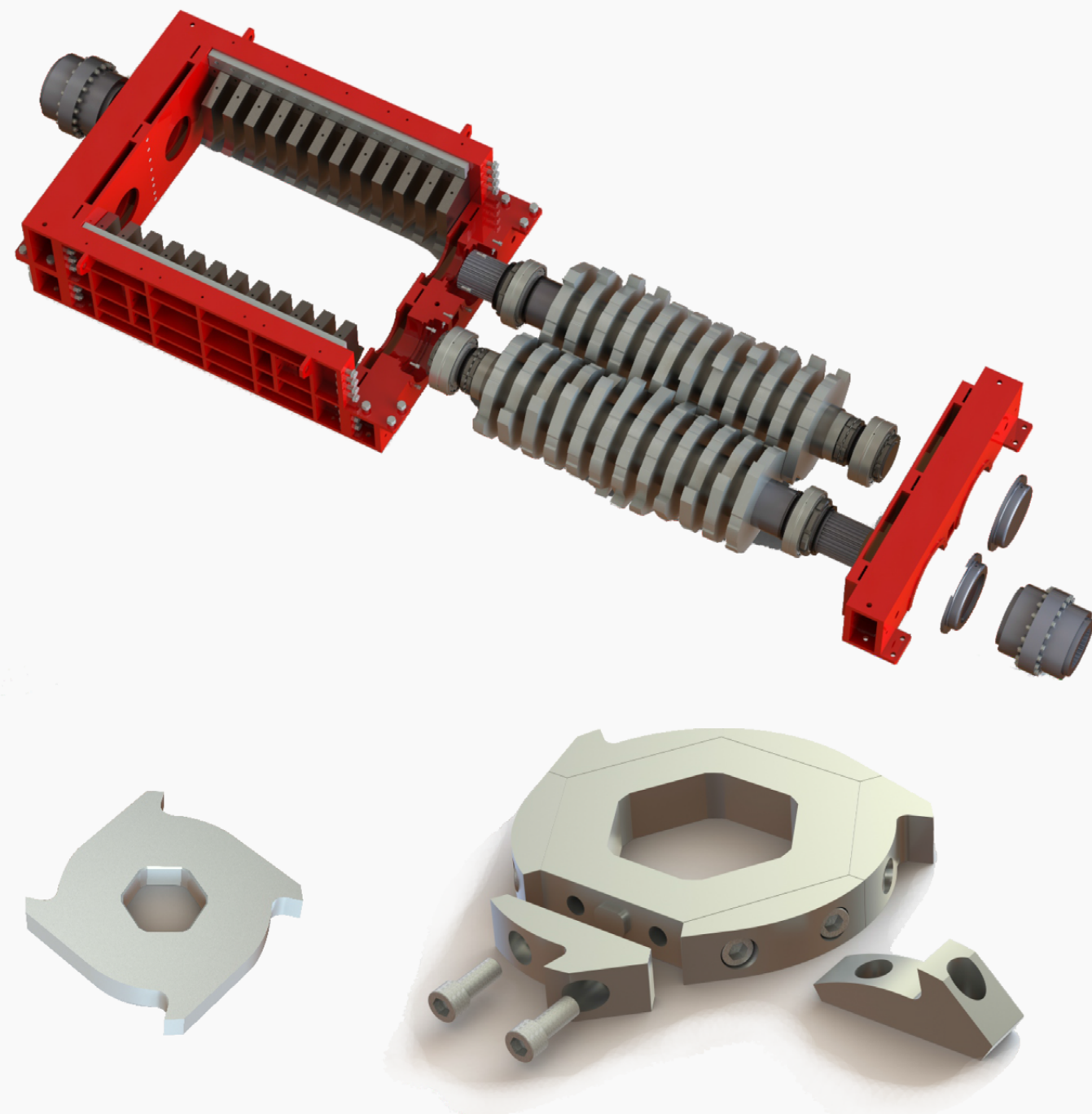
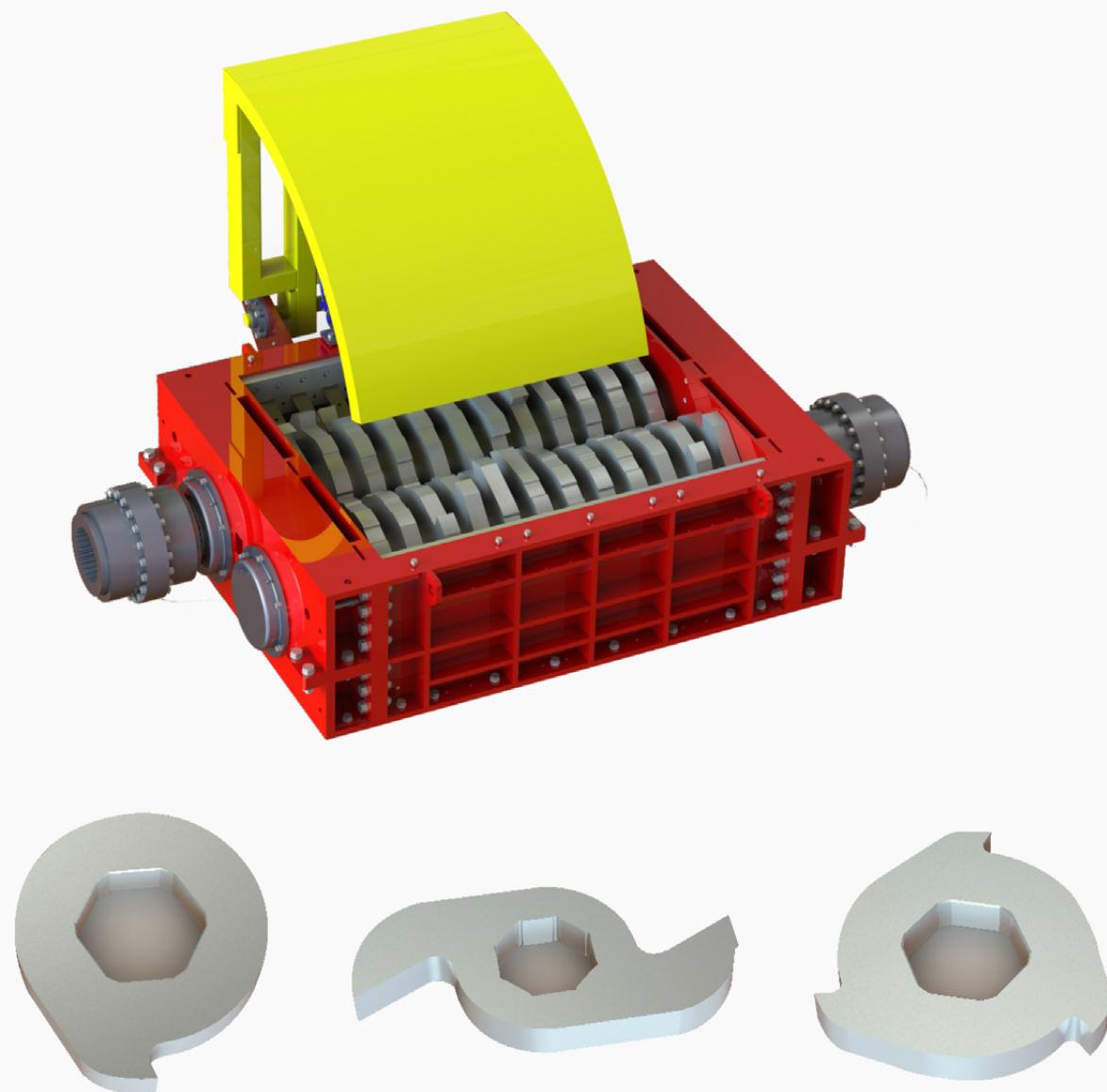


機箱和各類刀片的定製 CHAMBER AND VARIOUS BLADES CUSTOMIZATION

根據客戶的尺寸來圖訂製，亦可提供測量服務。

Standardized Or Customized Sizes Of Chassis And Various Blades

Customized According To The Customer's Size, We Can Also Provide The Service Of Measuring The Original Machine Blades And Provide Drawings For Customers.



解決方案 SOLUTION

廢舊輪胎
Scrap tires



固廢金屬
Solid waste metal



固廢塑料
Solid waste plastic



電子產品
Electronic products



廢舊紙製品
Waste paper products



生活垃圾
Domestic waste

