

TEYUN[®]

FOCUS 21 YEARS

BE PRAGMATIC, INNOVATIVE
PIONEERING, ENTERPRISING

RECYCLING SOLUTIONS SUPPLIER



TEYUN[®]

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客户至上/技术争先/团结协作/求真务实

CUSTOMER FIRST, TECHNOLOGY FIRST, UNITY AND COOPERATION, SEEKING TRUTH AND BEING PRAGMATIC.

公司简介 Company Profile

特云机械制造有限公司成立于2002年，至今已有21年的历史。特云是一家拥有多年设计、制造液压机经验的专业制造企业，是国内生产各种液压设备、金属机械设备的骨干企业，技术力量雄厚，生产设备先进，检测手段齐全。主要产品有废金属剪切机、铝挤压主机、液压金属打包机、立式打包机、卧式打包机、压块机等80多个品种。

我们始终坚持“务实、创新、开拓、进取”。凭借丰富的设计经验和良好的设备加工制造能力，可根据特殊要求设计、制造各种非标液压机械，并提供整线服务。在国内，我们服务于各大废品回收公司、大型钢厂、铝型材公司、环卫系统等，成为国内最具潜力的制造企业之一，在液压设备行业具有巨大的影响力。

对于海外市场，我们拥有熟悉海外市场的专业团队。我们的产品远销日本、俄罗斯、澳大利亚、德国、乌克兰、伊朗、东南亚等国家和地区。凭借优质的性能和服务赢得了海外买家的认可和回购。



Teyun Machinery was founded in 2002 and has a history of 21 years. Teyun is a professional manufacturing enterprise with many years experience in designing and manufacturing hydraulic machines. It is a key enterprise that produces various hydraulic equipment and metal mechanical equipment in China with strong technical force, advanced production equipment and complete testing methods. Leading products include scrap metal shears, aluminum extrusion main press, hydraulic metal baler, vertical baler, horizontal baler, briquetting machine and so on. There are more than 80 varieties in total.

We always adhere to “be pragmatic, innovative, pioneering and enterprising”. With rich experience in designing and good capabilities of equipment processing and manufacturing, we can design and manufacture various non-standard hydraulic machinery according to the special requirement and offer the whole line solution plans to the customers. In China, we serve major waste recycling companies, large steel mills, aluminum profiles companies, sanitation systems, etc.. We become one of the most promising domestic manufacturing enterprise and have a huge influence on the hydraulic equipment industry.

For overseas markets, we have a professional team who are familiar with overseas markets. Our products are exported to Japan, Russia, Australia, Germany, Ukraine, Iran, Southeast Asia and other countries and regions. Our high-quality performance and service have won the recognition and repurchase of overseas buyers. Same time, in some countries, we have set up brand agents to serve local countries. We sincerely welcome you to join our agency team and start a pleasant cooperation.



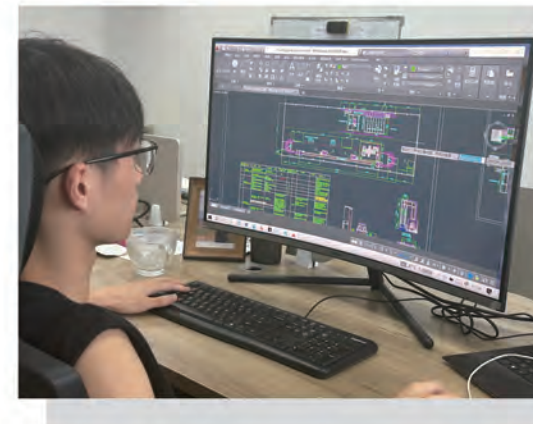
荣誉资质

CERTIFICATES

特云团队

OUR TEAM

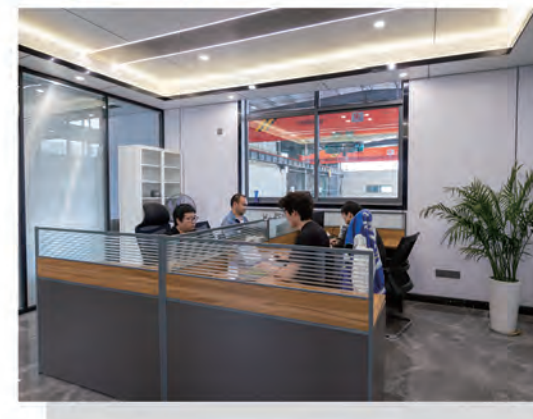
R&D Dept.



Production Dept.



Sales Dept.



Shipping Dept.



Q&C Dept.



Team is the buildup of heart not that of people

CONTAINER SHEAR ■

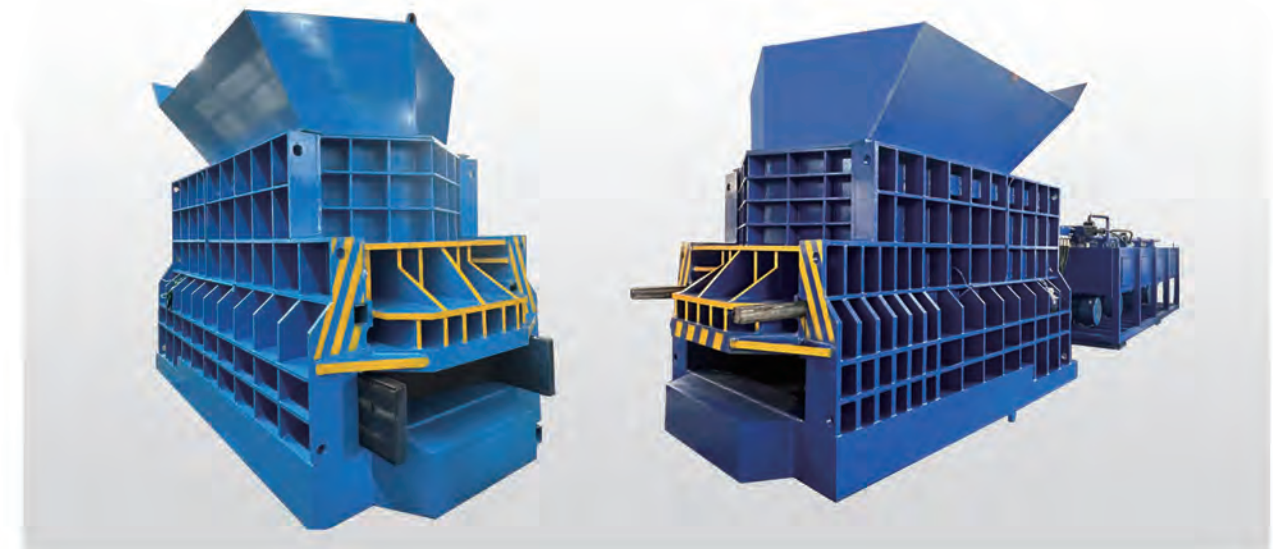


Introduction:

The Container shear is an automatic horizontal structure, which is suitable for cold shearing of various thin and light materials (such as color steel tiles, channel steel, steel plates, etc.), making it a suitable charge; and it is easy to store and transport, and can be used for metal recycling industry, casting and smelting industry, Machinery construction and other supporting services in many industries.

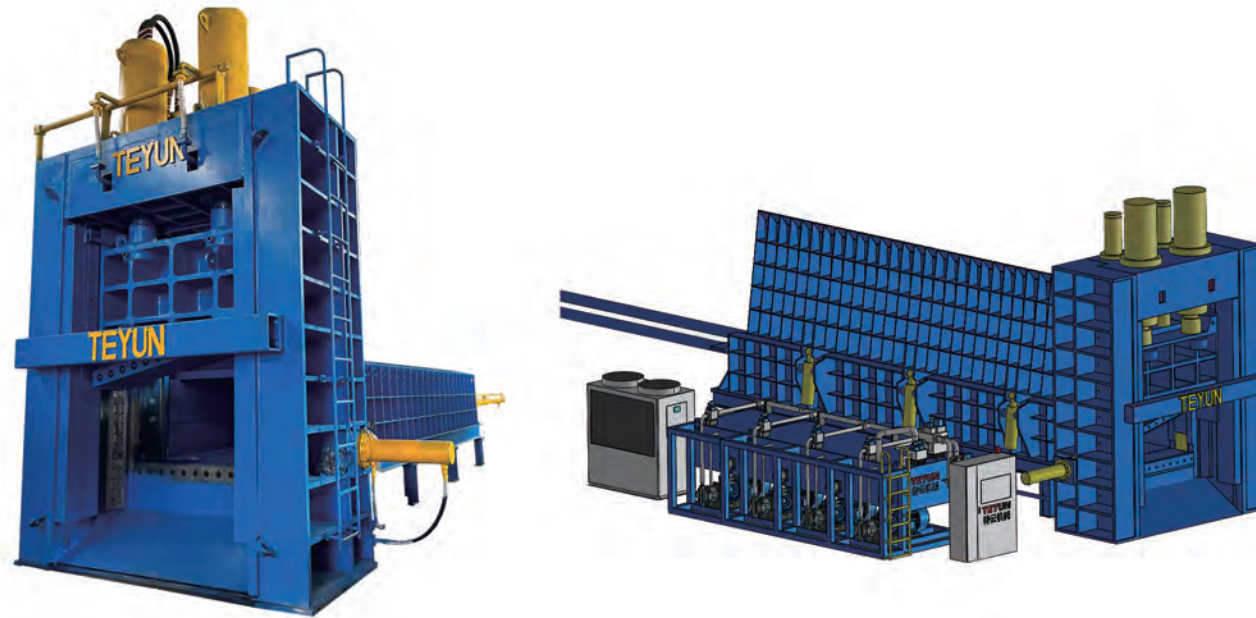
Advantages:

- Independent brand, mature technology
- Imported parts, lower operating costs, higher quality, energy efficient
- Fully enclosed structure, high safety performance and low probability of work injury
- PLC control and automatic operation
- Power system and diesel system are two-pronged, for one choice
- Cycle design, long working hours and low human capital requirements
- Wide application range, less material delivery restrictions
- Less space required and high production



Model	Max Cutting Force(ton)	Blade Length(mm)	Shear Height(mm)	Production Rate (t/h)	Power(kw)
WS-400	400	1400	300/420	4-7	2*37
WS-500	500	1400	300/420	6-9	2*45
WS-630	630	1400	300/420	8-15	2*55
WS-800	800	1600	420/500	8-15	3*55
WS-1000	1000	1800/2100	420/500	15-25	4*55

GANTRY SHEAR ■



Introduction:

It is used for all kinds of production and domestic use, and various non-ferrous metals (stainless steel, copper etc.) are directly cut into the required size. The feeding chamber is large in size, suitable for a wide range of materials and adopts PLC automatic control. High efficiency, high production and low operation costs.

Advantages:

- Reliable operation under extreme weather conditions
- Robust structure
- Equipped with remote control operation.
- Full automatic circulation



Q91 SERIES



Q15 SERIES



Model	Max Cutting Force(ton)	Blade Length(mm)	Press Box Size(mm)	Production Rate(t/h)	Power (kw)
Q91-320	320	1200	6000*1100*500	4-7	37
Q91-400	400	1400	6000*1300*500	5-8	2*30
Q91-500	500	1600	6000*1300*500	8-10	3*30
Q91-630	630	1800	8000*1700*600	12-15	4*37
Q91-800	800	2000	8000*1900*700	15-20	5*37
Q91-1000	1000	2200	8000*2100*800	18-22	6*37
Q91-1250	1250	2500	1000*2400*900	20-25	7*37

ALLIGATOR SHEAR ■



Introduction:

TEYUN alligator shear machine is the ideal machine when it comes to the shearing of light and medium sized non-ferrous materials. The hydraulic alligator shear is powered by a hydraulic cylinder, being used for the cleaning of non-ferrous materials, cutting scrap metal into smaller pieces in order to separate the different types of materials and increase the purity and value.

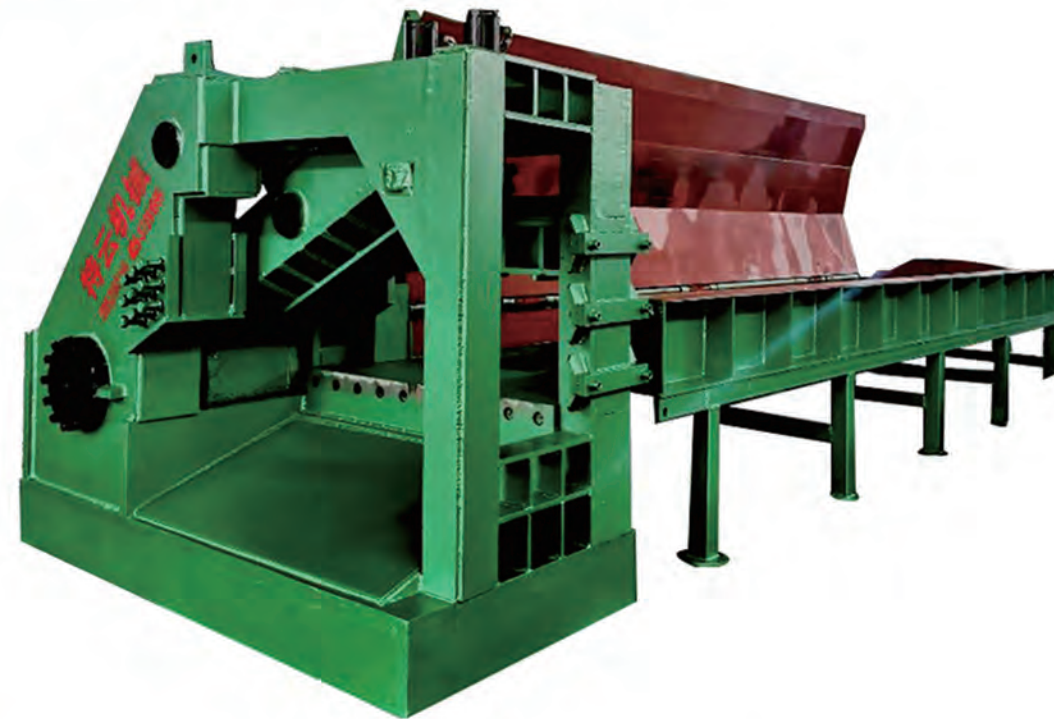
Advantages:

- Adopts steel casting structure,more durable
- With the hold down clamp, guarantees operator safety
- Single or continuous cutting by mechanical foot pedal
- More safety with guard over cutting head



Model	Max Cutting Force(ton)	Blade Length(mm)	Max Cutting Size(mm)	Shearing Frenquency(t/min)	Power (kw)
Q43-630B	63	600	30*30/ φ 35	8-12	7.5
Q43-630C	63	800			
Q43-1000	100	600	35*35/ φ 40		
Q43-1000	100	800			
Q43-1000	100	1000	40*40/ φ 45	6-10	11
Q43-1200A	120	600			
Q43-1200B	120	800	45*45/ φ 50		15
Q43-1600A	160	700			
Q43-1600B	160	800	55*55/ φ 63	6-8	18.5
Q43-2000A	200	800			
Q43-2000B	200	1000	63*63/ φ 70		22
Q43-2500A	250	1000			
Q43-2500B	250	1200	70*70/ φ 80		2*15
Q43-3150A	315	1000			
Q43-3150B	315	1200			2*18.5

TIGER SHEAR ■



Introduction:

The Q90 hydraulic scrap metal shear is larger than the alligator shear, so we often call it the super alligator shear, and also the shear is well known as the "Tiger shear" in China. The super alligator shear is usually used for cutting the thin waste metal like the steel, the iron and so on in the recycling industry. Compared with other series scrap metal shear, the tiger shear can cut the thicker metal than the alligator shear and has higher cutting speed than the gantry shearing machine.

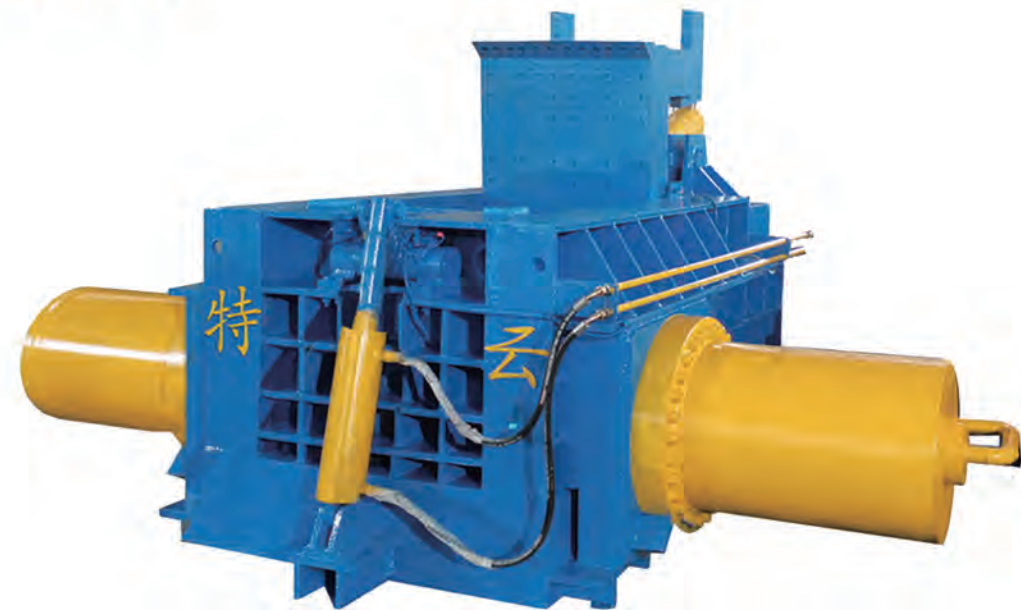
Advantages:

- The scrap metal shear can be operated via automatic PLC control, single control or PLC automatic control and single control or continuous operation
- The feeding box of the super alligator shear can be matched with the convey belt
- Small volume and light weight but high speed
- Easy and safe operation



Model	Max Cutting Force(ton)	Blade Length(mm)	Production Rate(t/h)	Power (kw)
Q90-450	450	1300	4-7	30
Q90-630	630	1500	6-9	60

METAL BALER ■



Introduction:

Y81 series metal hydraulic balers are suitable for steel making plants, recycling processing industries and non-ferrous and ferrous metal smelting industries. It can extrude all kinds of metal leftovers, steel shavings, scrap steel, scrap aluminum, scrap copper, etc. into (qualified charge of various shapes such as rectangle, cylinder, oc-tagon, etc., so as to reduce transportation and smelting costs.

Advantages:

- Suit all kinds of metal chips
- Customized press box size and bale size
- Low maintenance costs
- The manual or PLC automatic control operations are optional
- No need foundation bolts for installation.The diesel be equipped as power at the place without power supplying
- Bale out type:Turn out ,side push out,front push out and manual discharging



Model	Max Cylinder Force (ton)	Press Box Size (mm)	Bale size(w*h/mm)	Power(kw)
Y81F/T-125	125	1200*700*600	300*300	15
Y81F/T-125	125	1400*800*700	300*300	22
Y81F/T-160	160	1600*1000*800	400*400	22
Y81F/T-160	160	1600*1200*800	400*400	2*15
Y81F/T-200	200	1600*1200*800	400*400	2*18.5
Y81F/T-200	200	1800*1400*900	400*400	2*18.5
Y81F/T-250	250	2000*1400*900	500*500	2*22
Y81F/T-250	250	2000*1750*1000	500*500	2*22
Y81F-250	250	2500*2000*1200	500*500/600*600	2*22
Y81F-315	315	2500*2000*1200	600*600	2*45
Y81F-315	315	3000*2500*1200	600*600	2*45
Y81-315	315	3500*3000*1300	600*600/700*700	2*45/3*45
Y81-400	400	3500*3000*1300	700*700	3*45
Y81-500	500	3500*3000*1500	700*700	3*45
Y81-630	630	3500*3000*1500	700*700	4*45
Y81-1000	1000	3500*3000*1500	700*700	6*45
Y81-1250	1000	3500*3000*1500	700*700	8*45
Y81Q-135	135	1300*600*600	600*240	22
Y81Q-200	500	1400*700*600	700*280	22+15
Y81-150Y	150	800*550*500	135*500	18.5

BRIQUETTING MACHINE ■

Vertical Model

**Introduction:**

The vertical type of briquetting machine is applied to compress metal chips (steel, cast iron, aluminum & copper, etc.) into high density briquettes.

It adopts vertical structure, fully hydraulic transmission, work smoothly and with low noise. Compared with the horizontal briquetting machine, it is more convenient for maintenance, and cost-effective.

Advantages:

- Suitable for all kinds of the metal chips or powder
- High pressure compression, high density briquettes
- Remove cutting fluids by compressing

Model	Main Cylinder	Dimension(D*L/mm)	Density Ton/m ³	Bale Weight	Pcs/Min	Production	Power
TY83-150A	φ250	φ80*(60-80)	≧5.0	2~2.5	3	2~3	15
TY83-150B	φ280	φ80*(60-80)	≧5.0	2.5~3	5	4~5	15
TY83-200A	φ280	φ80*(60-80)	≧5.0	2.5~3	5	4~5	15
TY83-200B	φ280	φ80*(60-80)	≧5.0	2.5~3	5	4~6	15
TY83-250A	φ320	φ80*(60-80)	≧5.2	2.5~3	6	5~6	18.5
TY83-250B	φ320	φ90-110*(70-100)	≧5.2	2.5~3.5	6	6~7	18.5
TY83-250E	φ320	φ90-110*(70-100)	≧5.2	2.5~3.5	6	6~7	18.5
TY83-315	φ360	φ90-110*(70-100)	≧5.5	3~4	6	8~12	30
TY83-360	φ400	φ100-140*(70-100)	≧6.0	3.5~5	5.5	10~12	30
TY83-500	φ450	φ120-150*(70-100)	≧5.0	5~8	4.5~5	16~20	37
TY83-630	φ520	φ130-160*(100-120)	≧6.0	6~12	4~5	20~30	45

BRIQUETTING MACHINE ■

Horizontal Model

**Advantages:**

Compared with horizontal briquette machine, the main difference between vertical briquette machine lies in their structure and operation mode. The vertical model is arranged vertically, and the inlet and outlet of the material are also vertical, which occupies a relatively large space. In contrast, the horizontal model is arranged horizontally, which occupies a smaller space; in addition, the horizontal briquette machine is suitable for large production needs.

Model	Main Power	Max Pressure	Operation	Steel&Iron(Capacity)	Diameter	Machine Weight
TYH-630	110kw	6300KN		4 t/h	Φ220mm	23ton
TYH-1000	180kw	10000KN		8 t/h	Φ260mm	60ton
TYH-1250	220kw	12500KN	Automatic control	12 t/h	Φ310mm	80ton
TYH-1500	375kw	15000KN		15 t/h	Φ350mm	100ton
TYH-2000	525kw	20000KN		25 t/h	Φ410mm	135ton

HORIZONTAL BALER ■



Introduction:

The horizontal baler is suitable for baling the waste paper (cardboard boxes, newspaper, etc.), waste plastics (plastic films, turnover boxes, PET bottles, etc.), straw and other loose materials.

The baler has a horizontal structure, the operation of the equipment is simpler, and the degree of automation is gradually improved. For the horizontal baler we have types: HPA(fully automatic with wrapping function) and HPM(semi-auto type)

Advantages:

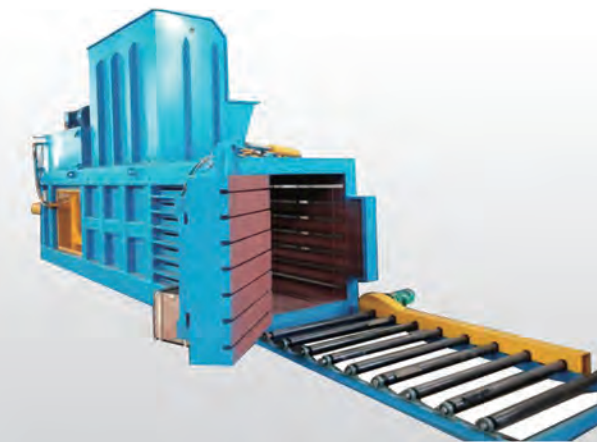
- Horizontal structure, can be equipped with conveyor belt feeding or manual feeding.
- Button operation, PLC control, safe and reliable.
- Manual bundling or automatic wrapping



HPA



HPM



Model	Main Cylinder Force(ton)	Feeding Size(L*W)	Blade Size(W*H/mm)	Bale Weight(kg)	Motor(kw)	Conveyor width(mm)
HPM-80	80	2000*1100	1100*1250	900~1000	18.5+4	1600
HPM-125	125	2000*1100	1100*1250	1000~1200	22+4	1600
HPM-160	160	2000*1100	1100*1250	1100~1300	37+4	1600
HPM-200	200	2000*1100	1100*1250	1100~1400	2*22+7.5	1600
HPM-250	250	2000*1100	1100*1250	1200~1500	2*37+7.5	1600
HPM-315	315	2000*1100	1100*1250	1200~1600	2*45+7.5	1600

Model	Max Cyl Force(ton)	Feeding Size (L*W/mm)	Bale Size (W*H/mm)	Blade Weight(kg)	Power(kw)	Conveyor width(mm)
HPA-80	80	2400*1100	1100*1250	800~950	22	1600
HPA-125	125	2400*1100	1100*1250	1000~1200	2*22	1600
HPA-160	160	2400*1100	1100*1250	1100~1300	2*37	1600
HPA-200	200	2400*1100	1100*1250	1200~1300	2*45	1600

VERTICAL BALER ■



Introduction:

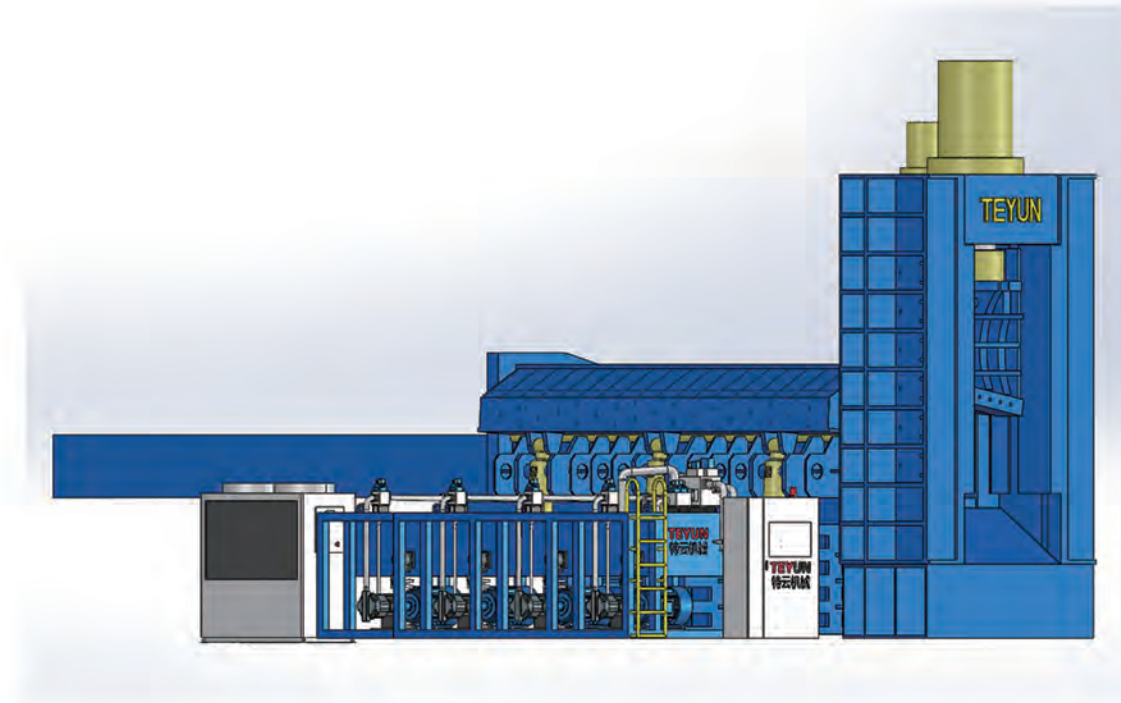
The vertical baler is usually used for baling waste paper (cardboard boxes, newsprint, etc.), waste plastics (PET bottles, plastic films, turnover boxes, etc.), straw and other loose materials.

Advantages:

- The vertical baler is powered by the hydraulic cylinder which improves the improves the baling efficiency and speed.
- A variety of cooling systems are available for options
- Two fast and efficient wire binding methods are adopted, namely push wire and wire hook, fast wire binding device, low failure rate and easy maintenance;
- PLC control and easy to operate
- The vertical baler uses the double-tough cutter, which greatly improves the paper cutting efficiency and prolongs the service life of the blade.



BALER SHEAR ■



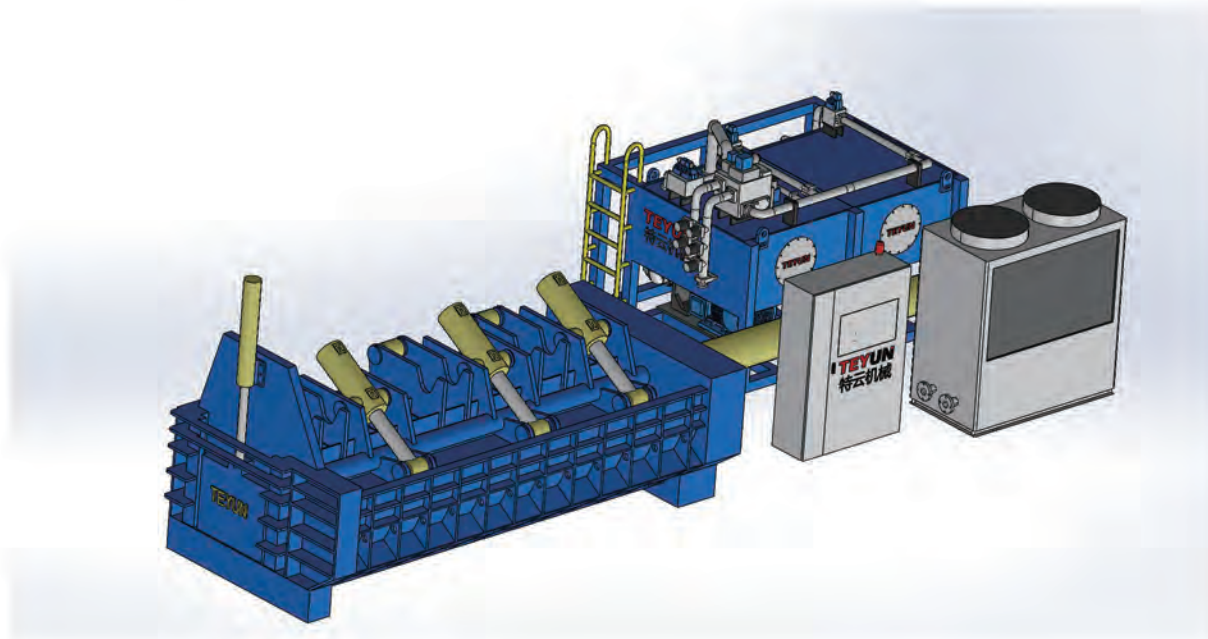
Introduction:

The heavy duty baler shear is used for compression and packaging of various light and thin materials, scrap steel for production and domestic use, light metal structural parts, various plastics, non-ferrous metals (stainless steel, aluminum alloy, copper, steel, etc.); Or for the above scrap compress directly.

Advantages:

- Compresses the heavy and light scrap, increases their density before shearing
- Then it shears automatic at the desired cut lengths
- Diesel and Electric Power options available
- Shearing capacity is between 8 to 30 ton /hour, Baling capacity is 10 to 35 ton/hour depending on the model
- Short Strok programme for higher capacity (Blades rises not more than the scrap height)
- Remote diagnosis and repair by modem connection enables quick technical assistance.
- No- contact sensors to avoid re-calibration.
- Oil filtering system for continuous operation
- Automatic Lubrication
- Optional Stationary – Mobile and Semi Mobile versions.

CAR BALER ■

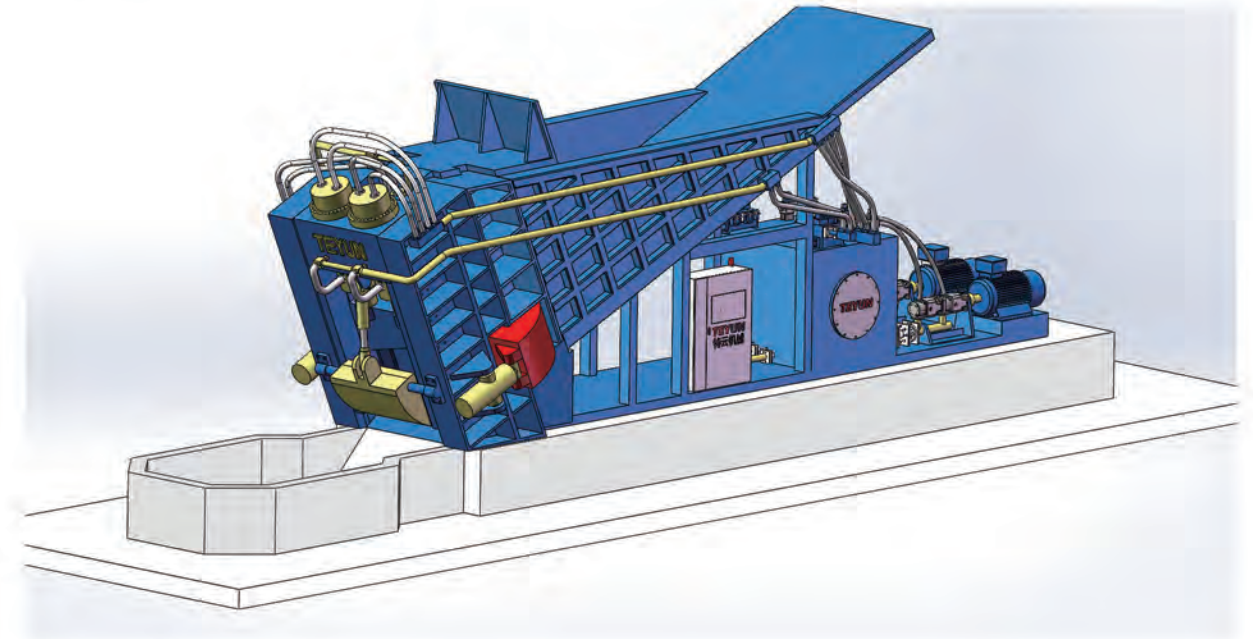


Introduction:

Car baler machine is specially designed for recycling the car body or car shell, the scrap car after removing the tires, the motors ect with a large volume which is difficult to stack and transport to the recycling centre. This car baler can press the car body into a small bale, this can reduce the cost of transport and place of stock.



INCLINED SHEARING MACHINE ■



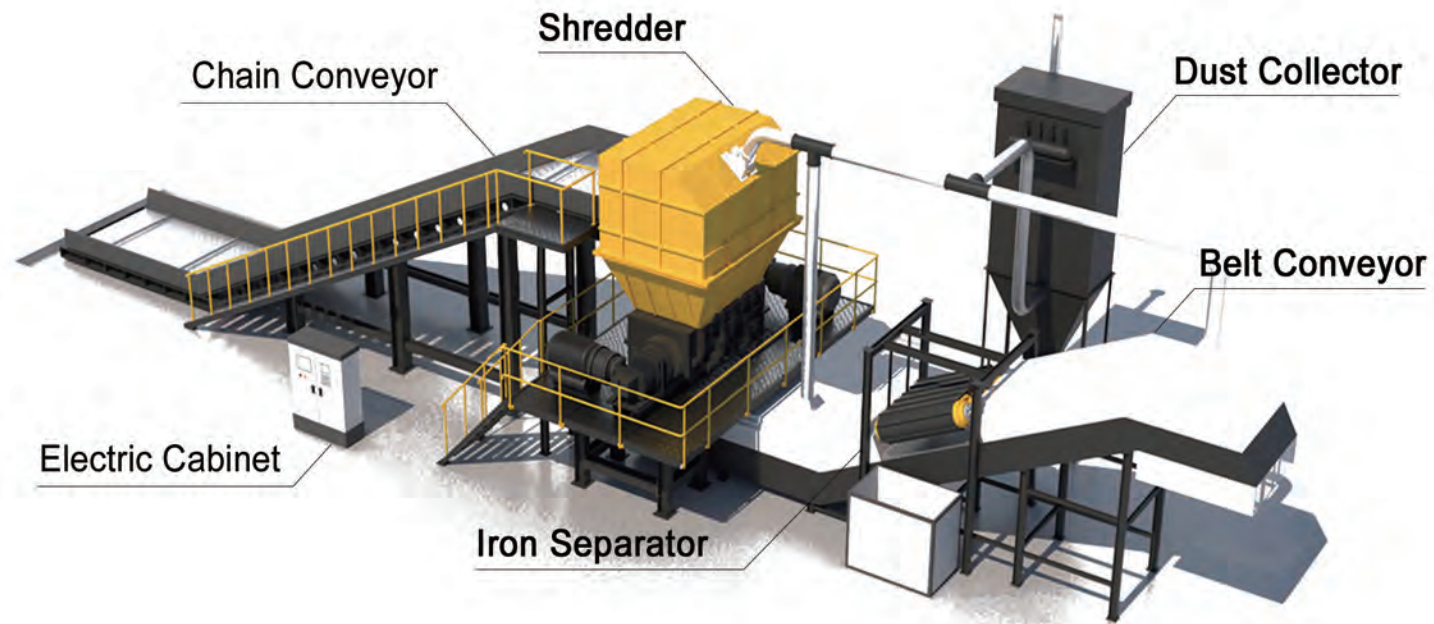
Introduction:

The inclined shear or the box shear, also known as scrap shear baler, is one of the most versatile scrap processing machines in the market used to shear car body and heavy metals. This heavy duty metal shear machine is widely known for its shearing technique nearly every type of metal scrap – including scrap from railway works, ships, demolition, car body, automobiles, steel works, and more can be easily processed by the inclined shear.

Advantages:

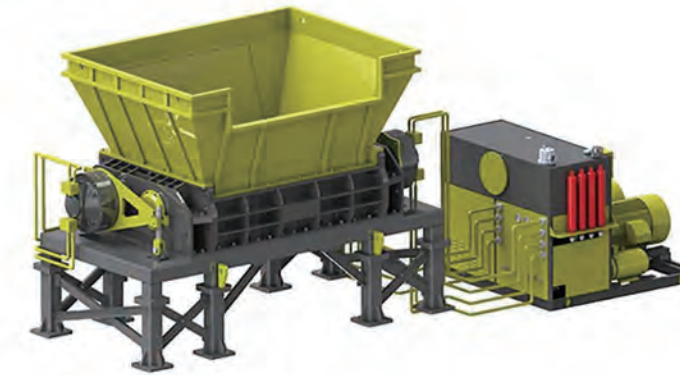
- Compresses the heavy and light scrap and increases their density before shearing
- Then it shears continuously and by automatic at the desired cut lengths
- Diesel and Electric Power options available
- Capacity is between 6 to 60 ton /hour depending on the model
- Enables high capacity with the continuous scrap feeding
- Short Stroke programme for higher capacity (Blades rises not more than the scrap height)
- Remote diagnosis and repair by modem connection enables quick technical assistance
- No-contact sensors to avoid re-calibration
- Oil filtering system for trouble free
- Automatic lubrication
- Optional Stationary - Mobile and Semi Mobile versions

SORTING LINE ■

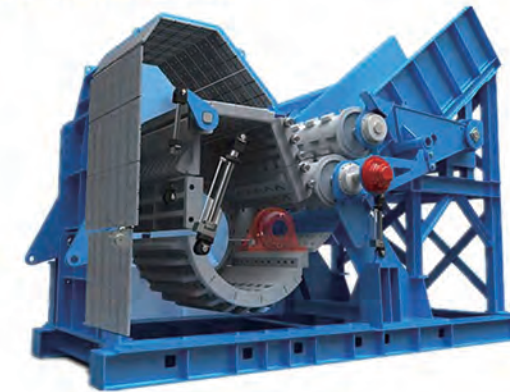


CUSTOMIZED EQUIPMENT ■

Pre-shredder



Hammer Mill



Eddy Current



ACCESSORIES ■

Magnets



Grab



Cylinders



Blades



CASES AND APPLICATIONS ■

TEYUN has focused on the recycling equipment for 21 years and won lots of customers from all over the world. In China we serve the larger recycling centers, cars companies, steel companies etc; For the oversea markets we has exported our products to many countries and set the agents. TEYUN insists that quality and service is everything! We are looking forward your visiting and can have a further cooperation with you!

