

TEYUN®

Teyun Machinery

All for the customer

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BUSINESS BROCHURE

Nanjing Teyun Machinery Manufacture Co.,Ltd

Nanjing
Teyun

Company introduction

Nanjing Teyun Machinery Manufacture Co.,Ltd is a professional manufacturer of the processing equipment for the recycling resources. We are focus on many kinds of scrap metal baler, shear,shredder,waste automobile dismantling equipment.Non-metal baler and compress machine with vertical and horizontal. Include the other hydraulic press machine and accessory.



Our company is located in beautiful Mingjue industry park of Nanjing,China.The company is built in 1997, we now globally active and play an important part in the optimal recycling of packaging and other valuable materials. We have two company one is Nanjing Teyun Machinery Manufacture Co.,Ltd, another is Junbo Machinery Manufacture Co.,Ltd.



Based on continuous R&D and innovation, we make the good quality and good price product to overseas customer with good after-sales service.In recent years our sales revenue has been increased 100% yearly. We trust you can benefit from our product of "Made in China" and make you achieve your great target.



Product introduction

Y81 Scrap Metal Baling Machine

Y81 series of hydraulic scrap balers are applied in thickness less than 6mm steel mills, recycling plants, ferrous&non-ferrous smelting industry to press scrap

metal(steel,copper,aluminum,stainless steel,etc)into acceptable furnace charges in shapes of cuboids,cylinders&octagons.Suitable for the scrap processing and distribution center, scrap car dismantling and re-manufacturing, steel and nonferrous metals industry etc.



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Features

- 1、hydraulic driven,manua valve operation or PLC automatic control
- 2、Bale-discharging:" turn-out-F" , " side-push-out-T" , forward-out-Q" , " manual discharging"
- 3、Can diesel engine or generator for power
- 4、Can configured remote control and PLC automatic
- 5、The bale size have square, octagon, round

Model	Max Cyli Force (ton)	Press Box Size (mm)	Bale size WXH/mm	Power (kw)
Y81F/T-125	125	1200X700X600	300X300	15
Y81F/T-125	125	1400X800X700	300X300	22
Y81F/T-160	160	1600X1000X800	400X400	22
Y81F/T-160	160	1600X1200X800	400X400	2X15
Y81F/T-200	200	1600X1200X800	400X400	2X18.5
Y81F/T-200	200	1800X1400X900	400X400	2X18.5
Y81F/T-250	250	2000X1400X900	500X500	2X22
Y81F/T-250	250	2000X1750X1000	500X500	2X22
Y81F-250	250	2500X2000X1200	500X500 600X600	2X22
Y81F-315	315	2500X2000X1200	600X600	2X45
Y81F-315	315	3000X2500X1200	600X600	2X45
Y81-315	315	3500X3000X1300	600X600 700X700	2X45 3X45
Y81-400	400	3500X3000X1300	700X700	3X45
Y81-500	500	3500X3000X1500	700X700	3X45
Y81-630	630	3500X3000X1500	700X700	4X45
Y81-1000	1000	3500X3000X1500	700X700	6X45
Y81-1250	1000	3500X3000X1500	700X700	8X45
Y81Q-135	135	1300X600X600	600X240	22
Y81Q-200	500	1400X700X600	700X280	22+15
Y81-150Y	150	800X550X500	135X500	18.5

Product introduction

Y83 Briquetting machine

Y83 series of briquetting press are applied to compress metal sawdust(steel,cast iron,aluminum&copper)into high density briquettes to reduce buring loss during smelting.



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Features

- 1、Hydraulic drive,high efficiency
- 2、Smooth operation,just a simple equipment foundation
- 3、Using PLC control,manual or automatic operation can be selected

Model	Main Cylinder	Dimension DXL/mm	Density Ton/m3	Bale weight	Pcs /Min	Production	Power KW	Price
Y83-150A	φ250	φ80*(60-80)	≈5.0	2~2.5	3	2~3	15	5.5
Y83-150w	φ280	φ80*(60-80)	≈5.0	2.5~3	5	4~5	15	6.8
Y83-200A	φ280	φ80*(60-80)	≈5.0	2.5~3	5	4~5	15	7.8
Y83-200B	φ280	φ80*(60-80)	≈5.0	2.5~3	5	4~6	15	8.8
Y83-250A	φ320	φ80*(60-80)	≈5.2	2.5~3	6	5~6	18.5	8.5
Y83-250B	φ320	φ90-110*(70-100)	≈5.2	2.5~3.5	6	6~7	18.5	9.5
Y83-250E	φ320	φ90-110*(70-100)	≈5.2	2.5~3.5	6	6~7	18.5	10
Y83-315	φ360	φ90-110*(70-100)	≈5.5	3~4	6	8~12	30	12.5
Y83-360	φ400	φ100-140*(70-100)	≈6.0	3.5~5	5.5	10~12	30	14.5
Y83-500	φ450	φ120-150*(70-100)	≈5.0	5~8	4.5~5	16~20	37	22.5
Y83-630	φ520	φ130-160*(100-120)	≈6.0	6~12	4~5	20~30	45	32.5

Product introduction

Y82 Vertical Baler

Suitable for waste paper(cardboard, paper, OCC, newspaper, etc) ,waste plastic(plastic bottle, PET bottle,turnover boxes,plastic film,etc) ,waste metal(aluminum frame, thin metal,stainless),straw and other loose packing and manual strapping.



Features

- 1、Electrical valve control with remote control
- 2、Manual handle valve
- 3、Bale size can design based on customer request

Model	Main Cyl. Force(ton)	Feeding size(LXW)	Bale size (WXH/mm)	Bale weight (kg)carton	Motor
Y82-10	10	1000X400	1000X500	50~80	3
Y82-20	20	1000X400	1000X750	80~120	4
Y82-40	40	1150X500	1150X750	120~200	7.5
Y82-63	63	1150X500	1150X750	200~260	11
Y82-80	80	1150X500	1150x750	300~400	15
Y82-100	100	1150X500	1150x750	360~450	18.5
Y82-120	120	1150X600	1150x800	460~560	22
Y82-160	160	1600X700	1600x1100	Press Metal	22
Y82-200	200	2200X700	2200x1100	Press Metal	22+15
Y82-250	250	2200X800	2200x1100	Press Metal	22X2
Y82-315	315	2300X800	2300X1100	Press Metal	22+37

Product introduction

HPA Horizontal packing machine with automatic strapping

HPA series of full automatic horizontal balers are applied for baling & automatic strapping of waste paper(cardboard, carton, OCC, newspaper), waste plastic(-file, crate, PET bottle), straw, etc.



Features

- 1、 PLC control, touch operation, screen&observation window; bale length setting, automatic strapping
- 2、 Floating necking;dispersed cutting bales on feed opening.
- 3、 Bale size can design based on customer request

Model	Main Cyl. Force(ton)	Feeding size(LXW)	Bale size (WXH/mm)	Bale weight (kg)carton	Motor	Conveyor width
HPA-80	80	2400x1100	1100X1250	800-950	22	1600
HPA-125	125	2400x1100	1100X1250	1000-1200	2x22	1600
HPA-160	160	2400x1100	1100X1250	1100-1300	2x37	1600
HPA-200	200	2400X1100	1100x1250	1200-1300	2x45	1600

Product introduction

HPM Horizontal Semi-matic Baling Machine

Suitable for waste paper(cardboard, paper, OCC, newspaper, etc) ,waste plastic(plastic bottle, PET bottle,turnover boxes,plastic film,etc) ,waste metal(aluminum frame, thin metal,stainless),straw and other loose packing and manual strapping.



Features

- 1、 Electrical valve control with remote control
- 2、 Horizontal structure with feeding convey,manual strapping
- 3、 Bale size can design based on customer request

Model	Main Cyl. Force(ton)	Feeding size(LXW)	Bale size (WXH/mm)	Bale weight (kg)carton	Motor	Conveyor width
HPM-80	80	2000x1100	1100X1250	900-1000	18.5+4	1600
HPM-125	125	2000x1100	1100X1250	1000-1200	22+4	1600
HPM-160	160	2000x1100	1100X1250	1100-1300	37+4	1600
HPM-200	200	2000x1100	1100X1250	1100-1400	2X22+7.5	1600
HPM-250	250	2000x1100	1100X1250	1200-1500	2X37+7.5	1600
HPM-315	315	2000x1100	1100X1250	1200-1600	2X45+7.5	1600

Product introduction

Q43 series Alligator shear

Suitable for cold cutting of metal profiles and metal structures with various cross-sectional shapes, and processed to qualified charge. Applicable to the steel industry, nonferrous metal industry. Scrap processing and distribution center(base) and renewable resources processing enterprises.scrap car dismantling enterprises.



Features

1. According to yourself need, can operate single and continuous
2. Assemble is easy and operate easy
3. With open mouth, scrap metal can feed easy

Model	Max. Cutting Force	Blade Length	Max. Cutting Size	Shearing-Frequency	Motor
	(ton)	(mm)	(mm)	(times/min)	(kW)
Q43-630B	63	600	30×30 φ35	8-12	7.5
Q43-630C		800		8-12	
Q43-1000	100	600	35×35 φ40	8-12	11
Q43-1000		800		8-12	
Q43-1000	100	1000	35×35 φ40	8-12	11
Q43-1200A		600		8-12	
Q43-1200B	800				
Q43-1600A	160	700	45×45 φ50	6-10	18.5
Q43-1600B		800		6-10	
Q43-2000A	200	800	55×55 φ63	6-10	22
Q43-2000B		1000		6-10	
Q43-2500A	250	1000	63×63 φ70	6-8	2×15
Q43-2500B		1200		6-6	
Q43-3150A	315	1000	70×70 φ80	6-6	2×18.5
Q43-3150B		1200		6-8	
Q43-4000A	400	1200	80×80 φ90	5-8	2×22
Q43-4000B		1500		5-8	
Q43-5000A	500	1300	90×90 φ100	4-8	2×30
Q43-5000B		1600		4-8	

Product introduction

Q90 hydraulic shearing machine

Suitable for cold cutting of metal profiles and metal structures with various cross-sectional shapes, and processed to qualified charge. Applicable to the steel industry, nonferrous metal industry. Scrap processing and distribution center(base) and renewable resources processing enterprises.scrap car dismantling enterprises.

Features

1. PLC automatic control and single control or continuous operation
2. Can configured scrap metal feeding box with convey belt or Hydraulic motor or cylinder push
3. Can configured remote control with high security
4. Can configured feeding box cover. It's better for the thin metal

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

Product introduction

Q91 Heavy Duty Hydraulic Shears

Suitable for cold cutting of metal profiles and metal structures with various cross-sectional shapes, and processed to qualified charge. Applicable to the steel industry, nonferrous metal industry. Scrap processing and distribution center(base) and renewable resources processing enterprises.scrap car dismantling enterprises.



Features

- 1、 PLC automatic control and single control or continuous operation
- 2、 Can configured scrap metal feeding box with Hydraulic motor or cylinder push
- 3、 Can configured remote control with high security
- 4、 Can configured feeding box cover. It's better for the thin metal



Model	Max Cutting Force (ton)	Blade Length (mm)	Press Box Size(mm)	Production Rate(t/h)	Power (kw)
Q91-320	320	1200	6000x1100x500	4-7	37
Q91-400	400	1400	6000x1300x500	5-8	2x30
Q91-500	500	1600	6000x1500x600	8-10	3x30
Q90-630	630	1800	8000x1700x600	12-15	4x37
Q90-800	800	2000	8000x1900x700	15-20	5x37
Q90-1000	1000	2200	8000x2100x800	18-22	6x37
Q90-1250	1250	2500	10000x2400x900	20-25	7x37

Product introduction

WS series Container Hydraulic shears

Suitable for cold cutting of metal profiles and metal structures with various cross-sectional shapes, and processed to qualified charge. Applicable to the steel industry, nonferrous metal industry. Scrap processing and distribution center(base) and renewable resources processing enterprises.scrap car dismantling enterprises.

Features

- 1、 the whole structure can be transported quickly in the stack yard
- 2、 Can be configured remote control operation with high security
- 3、 Pre-load quickly and high efficiency
- 4、 Mainly cutting thin and light materials range:aluminum,copper,and other metal bands and/cable,car shells,hydraulic tank and other thin box, and paint bucket



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	2x37
WS-500	500	1400	300/420	6-9	2x37
WS-630	630	1400	300/420	8-15	2x55
WS-800	800	1600	420/500	12-18	3x55
WS-1000	1000	1800/2100	420/500	15-25	4x55

Product introduction

Q15 Sheet Metal Hydraulic Shears

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1. It's suitable for the stainless steel, copper, nickel sheet metal
2. It can cut the sheet metal with higher thickness
3. It with strong structure compare with other sheet metal shearing machine
4. It can operate with single or continuous

Model	Max Cutting Force (ton)	Blade Length (mm)	Max cutting Spec (t/h)	Power (kw)
Q15-120	120	600	18X500	15
Q15-160	160	800	20X700	18.5
Q15-200	200	1000	25X900	22
Q15-250	250	1200	30X1100	30
Q15-315	315	1200	35X1100	37
Q15-400	400	1400	40X1300	2X22
Q15-500	500	1600	50X1500	2X30
Q15-630	630	1800	60X1700	2X37

Product introduction

Shredder Machine

Shredder generally process raw material and scraps to make them recycle easily. It is an important equipment in the scrap recycling industry. Many kinds of waste can be processed by our product, such as wood, pipeline, tires, plastic bottle, scrap metal and so on. We provide customized service to ensure your requirements.

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Features

- 1、 High shredding efficiency, sturdy frame plate and long service life,
- 2、 Resistant to high torque, wide variety of processable materials,
- 3、 Easy operation, low maintenance cost and competitive price
- 4、 High capacity and automatic control

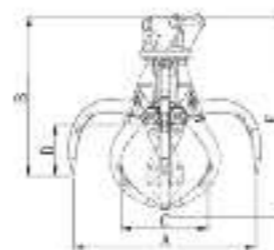
Parameters:

Model	Rotation Speed r/min	Blade Quantity	Power kw	Voltage V	Feeding size mm
600	35	24	11	380	800*600
800	28	30	2*7.5-11	380	800*1000
1000	25	30	2*22	380	1000*1500
1200	22	36	2*22-30	380	1800*1500
1500	18	50	2*37-45	380	1800*2000
2000	12	24	2*55-75	380	1400*2000

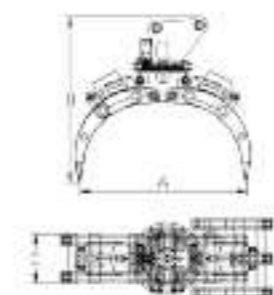
Accessory Crab Bucket

Grab Bucket Fixed & Rotating Hydraulic

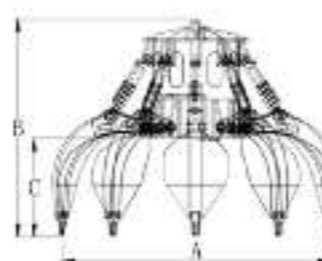
Grab bucket and grab fork with Fixed or rotating hydraulic can grab steel device, stone, wood, bag, loading and unloading etc. And this accessory can fixed on the 12T-30T excavator.



Model	TY-ZW0	TY-ZW1	TY-ZW1	TY-ZW2	TY-ZW3
Weight/KG	6	0	5	0	0
Grap Weight/KG	400	610	800	1110	1450
Dimension/mm	A	450	700	1000	2000
	B	1200	1400	1600	1800
	C	1250	1420	1635	1825
	D	350	380	380	450
	E	620	680	730	730
Oil Pressure/Mpa	25	25	28	28	28
Excavator Type	04-08	08-12	12-18	18-25	25-35



Model	TY-ZW0	TY-ZW1	TY-ZW1	TY-ZW2	TY-ZW3
Weight/KG	6	0	5	0	0
Grap Weight/KG	400	610	800	1110	1450
Dimension/mm	A	450	700	1000	2000
	B	1200	1400	1600	1800
	C	1250	1420	1635	1825
	D	350	380	380	450
	E	620	680	730	730
Oil Pressure/Mpa	25	25	28	28	28
Excavator Type	04-08	08-12	12-18	18-25	25-35



Model	TY-ZW0	TY-ZW1	TY-ZW1	TY-ZW2	TY-ZW3
Weight/KG	6	0	5	0	0
Grap Weight/KG	1260	1380	1450	1620	1810
Dimension/mm	A	1300	1500	1800	2200
	B	2000	2200	2400	2600
	C	1800	1880	1960	2040
Oil Pressure/Mpa	22	22	24	24	24
Excavator Type	04-08	08-12	12-18	18-25	25-35

Accessory Cylinder



Accessory Magnet

MW5 series lifting electromagnet & electromagnetic excavator

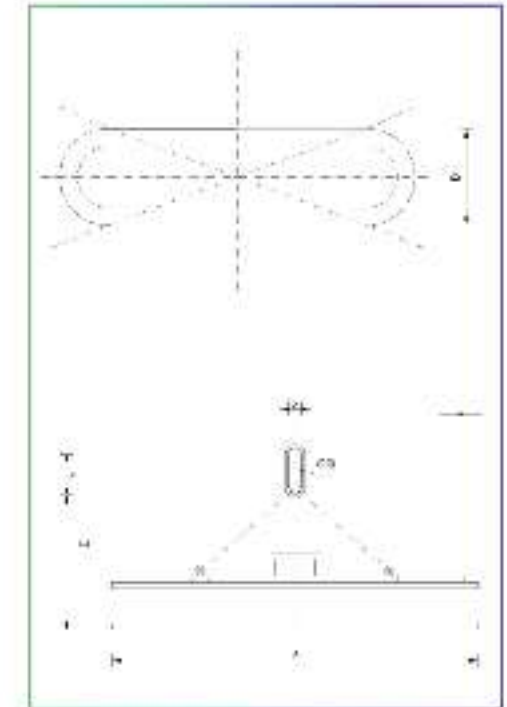
Suitable for handling cast iron ingot, ball and scrap. Used for hoisting magnetic materials such as iron and steel in metallurgy, mining, machinery, transportation and other industries. Used as electromagnetic manipulator, gripping steel plate and other magnetic materials.



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Feature

1. Special magnetic circuit design, large air gap magnetic density. The coil is made of aluminum wire, and the coil protection plate is made of high manganese steel plate with good abrasion resistance and strong impact resistance. Light weight, low energy consumption, large lifting weight, long service life.
2. Reasonable insulation structure. The electrical and mechanical properties of the coil are improved by vacuum drying and vacuum pouring. The heat resistance grade of insulation material can reach special grade C.
3. Constant voltage control mode is usually adopted. If strong excitation control mode is used, lifting capacity can be further improved.
4. simple structure, safe and reliable, suitable for all kinds of lifting equipment.
5. Easy installation, operation and maintenance.



Model	Cold state powe	Current A cold/hot	Overall dimension					Mass	lifting capacity turning
			A	C	F	E	G		
MW5-50L/1-75	2.0	9.1/6	500	700	160	90	25	253	80/65
MW5-60L/1-75	2.32	10.6/6.9	600	750	160	90	25	390	95/80
MW5-70L/1-75	2.55	11.6/7.6	700	800	160	90	30	550	120/100
MW5-80L/1-75	3.1	14.1/9.2	800	850	160	90	30	690	150/130
MW5-90L/1-75	4.6	21/13.6	900	1160	200	125	40	885	250/200
MW5-100L/1-75	6.1	27.7/18	1100	1270	220	150	45	1500	450/400
MW5-110L/1-75	7.4	33.6/21.9	1200	1220	220	175	45	1850	600/500
MW5-120L/1-75	9	40.9/26.6	1300	1290	250	210	50	2280	700/600
MW5-130L/1-75	11.3	51.4/33.4	1500	1360	350	230	60	3180	1100/900
MW5-140L/1-75	12.2	55.5/36	1650	1670	370	230	75	3840	1300/1100
MW5-150L/1-75	16.3	74.1/48.2	1800	1800	370	250	75	4690	1600/1350
MW5-160L/1-75	21.7	98.6/64.1	2100	1900	400	280	80	7500	2200/1850