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Y81 Series Hydraulic Scrap Balers



FUNCTIONS

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, discarded automobiles, etc) into acceptable furnace charges in shapes of cuboids, cylinders & octagons. Suitable for scrap processing and distribution center (base), scrap car dismantling and remanufacturing, steel and nonferrous metals industry etc.

FEATURES:

- 1、Hydraulic drive, manual valve operation or PLC control;
- 2、Bale-discharging: "turn-out", "push-out", "forward-out" & manual discharging.

Y81 series of hydraulic scrap baler technical specifications(Conventional model 1)

Model	Main Cyl. Force(ton)	Press Box Size(L×W×H/mm)	Bale Size(W×H/mm)	Motor(kW)
Y81/F-125	125	1100×700×550	200×200	15
Y81/T-125	125	1400×700×700	300×300	22
Y81/F-160	160	1600×1000×800	400×400	22
Y81/F-200	200	1600×1200×800	400×400	22+15
Y81/F-250	250	2000×1400×900	500×500	2×22

Note: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.



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Y81F-125 (旧涂装)
南京客户现场工作视频

Y81 Series Hydraulic Scrap Balers

FUNCTIONS



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, discarded automobiles, etc) into acceptable furnace charges in shapes of cuboids, cylinders & octagons. Suitable for scrap processing and distribution center (base), scrap car dismantling and remanufacturing, steel and nonferrous metals industry etc.

FEATURES:

- 1、Hydraulic drive, manual valve operation or PLC control.
- 2、Bale-discharging: "turn-out", "push-out", "forward-out" & manual discharging.

Y81 series of hydraulic scrap baler technical specifications(Conventional model 2)

Model	Main Cyl. Force(ton)	Press Box Size(L×W×H/mm)	Bale Size(W×H/mm)	Motor(kW)
Y81/F-315	315	2500×2000×1200	600×600	2×45
Y81/F-400	400	3500×3000×1300	600×600	3×45
Y81/T-400	400	5000×2200×1300	600×600	3×45
Y81/F-500	500	3000×2500×1300	700×700	3×45

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Y81T-315日本客户现场

Y81 Series Hydraulic Scrap Balers



FUNCTIONS

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, discarded automobiles, etc) into acceptable furnace charges in shapes of cuboids, cylinders & octagons. Suitable for scrap processing and distribution center (base), scrap car dismantling and remanufacturing, steel and nonferrous metals industry etc.

FEATURES:

- 1、Hydraulic drive, manual valve operation or PLC control.
- 2、Bale-discharging: "turn-out", "push-out", "forward-out" & manual discharging.

Y81 series of hydraulic scrap baler technical specifications(Double Main Cylinder - Conventional model)

Model	Main Cyl. Force(ton)	Press Box Size(L×W×H/mm)	Bale Size(W×H/mm)	Motor(kW)
Y81/K-315	315	3000×2500×1200	500×500/600×600	2×45
Y81/K-400	400	3000×2500×1200	500×500/600×600	2×55
Y81/K-500	500	3000×2500×1200	500×500	2×55
Y81/K-630	630	3000×2500×1200	500×500	2×55
Y81/K-800	800	3500×3000×1400	700×700	3×55/6×45
Y81/K-1000	1000	3500×3000×1400	600×600	3×55/6×45
Y81/K-1500	1500	4000×3000×1500	700×700	4×90

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 华宏科技
HUAHONG TECHNOLOGY



Y81K-400 (新涂装)
广东东莞客户现场工作视频

Y81 Series Hydraulic Scrap Balers



FUNCTIONS

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, discarded automobiles, etc) into acceptable furnace charges in shapes of cuboids, cylinders & octagons. Suitable for scrap processing and distribution center (base), scrap car dismantling and remanufacturing, steel and nonferrous metals industry etc.

FEATURES:

- 1、Hydraulic drive, manual valve operation or PLC control.
- 2、Bale-discharging: "turn-out", "push-out", "forward-out" & manual discharging.

Y81 series of hydraulic scrap baler technical specifications(Double Main Cylinder - Servo model)

Model	Main Cyl. Force(ton)	Press Box Size(L×W×H/mm)	Bale Size(W×H/mm)	Motor(kW)
Y81/K-630	630	3000×2500×1200	500×500	85
Y81/K-800	800	3500×3000×1400	700×700	2×85
Y81/K-1000	1000	3500×3000×1400	600×600	2×85
Y81/K-1500	1500	4000×3000×1500	700×700	3×85
Y81/K-2000	2000	4000×3000×1700	700×700	5×85

Note: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.

Technical advantages of servo electro-hydraulic control system: high efficiency, stability and energy saving.

High efficiency: fast response speed, the fastest response time is 20ms, which greatly improving the operating efficiency of the equipment. The motor speed is high, increasing the output flow of the oil pump.

Stability: the output flow can be accurately controlled when the equipment is running, and the system is stable without vibration and shock.

Energy saving: The servo motor combination can save 30% to 50% energy compared with the conventional motor combination.



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HUAHONG TECHNOLOGY



华宏科技Y81K-1500吨A型液压金属打包机(伺服系统)

Y81 Series Hydraulic Scrap Balers



FUNCTIONS

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, discarded automobiles, etc) into acceptable furnace charges in shapes of cuboids, cylinders & octagons. Suitable for scrap processing and distribution center (base), scrap car dismantling and remanufacturing, steel and nonferrous metals industry etc.

FEATURES:

- 1、Hydraulic drive, manual valve operation or PLC control;
- 2、Bale-discharging: "turn-out", "push-out", "forward-out" & manual discharging.

Y81 series of hydraulic scrap baler technical specifications (front out and front turn over models)

Model	Main Cyl. Force(ton)	Press Box Size(L×W×H/mm)	Bale Size(W×H/mm)	Main motor power(kW)	RMK
Y81/Q-135	135	1300×600×600	600×240	22	front out bale
Y81/Q-200	200	1400×700×600	700×280	22+15	front out bale
Y81/Q-160	160	1600×1000×800	300×300	37	Double main cylinder, front turn over bale
Y81/Q-200	200	1600×1000×800	260八角	37	
Y81/Q-250	250	2000×1750×900	400×400	2×30	turn over bale
Y81/Q-315	315	3000×2500×1200	600×600	2×45	

Note: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.



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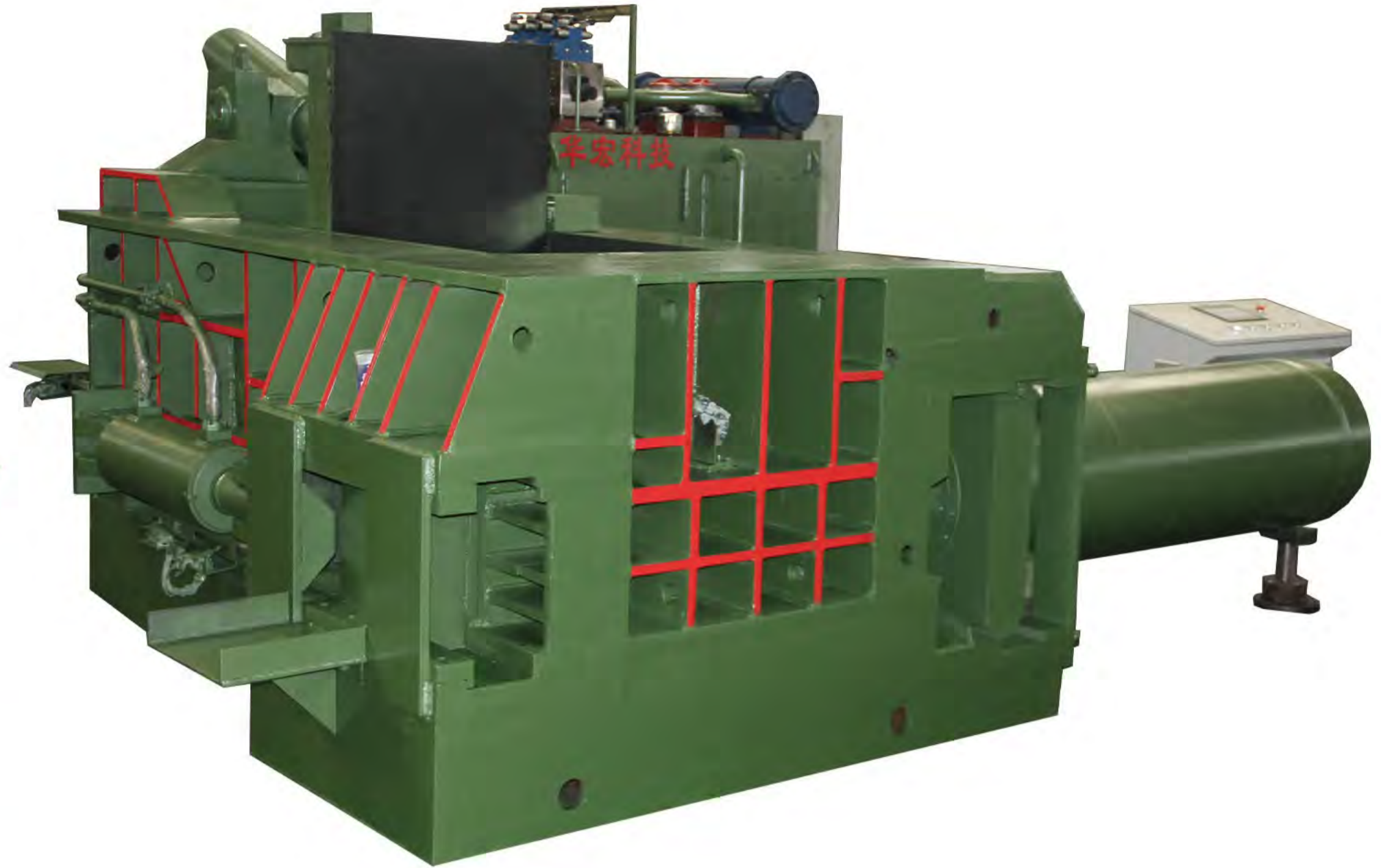
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Y81 / T High Density Crushed Material Baler



FUNCTIONS

Y81/T series of hydraulic scrap baler are applied in all kinds of scrap metal crushed materials and scrap steel shavings materials, so that they can be extruded into compact rectangular bales, which are suitable for being used as refining furnace materials for steel mills.

FEATURES:

- 1、 Hydraulic drive, high working efficiency;
- 2、 PLC control, manual operation or PLC control;
- 3、 Bale-discharging: "push-out".

Y81/T high density crushed material baler technical specifications:

Model	Main Cyl. Force(ton)	Press Box Size(L×W×H/mm)	Bale Size(W×H/mm)	Bale density(kg/m ³)	Motor(kW)
Y81/T-500D	500	1000×800×900	310×310	≥3000	45
Y81/T-1000A	1000	1200×1000×1150	600×600	≥3000	3×45

Note1: high-density baler specially designed for shredder material; control and bale-discharging: PLC control, semi-automatic, remote control, and side push out bale.

Note2: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.



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Q91Y Series Heavy-duty Scrap Shears

--Wide Open Press Box

FUNCTIONS



Q91Y Series Heavy-duty Scrap Shears are suitable for cutting light scrap materials, waste car shell, light structural parts, etc. to qualified charge to meet steel smelting requirements.

Suitable for National Circular Economy Park, National Urban Mineral Demonstration Base, scrap processing and distribution center (base), steel and nonferrous metals industry, scrap car dismantling and remanufacturing enterprises, etc.

FEATURES:

1. The upper compression and segmented feeding mode are adopted, in addition to the design of wide press box, so it has good adaptability to scrap raw materials and high compactness after shearing. Optional scrap shaping mechanism with compression on both sides.
2. The opening area of the press box is large, which is suitable for mechanical feeding, suitable for loose light and thin scrap steel and steel structural parts, especially suitable for cutting steel pipes, steel plates, channel steel and other profiles.
3. Adopt screen display control panel, automatic integrated control, stable and reliable operation. Optional wireless remote control device, a single person to control the production line supporting equipment.
4. Reliable large flow logic valve control and independent filtering and cooling system can ensure the efficient and reliable operation of the system. The comprehensive application of constant power variable and differential fast technology can save about 25% energy while ensuring the output, and the energy consumption per ton of steel processing is lower than the industrial standard requirements.

Wide open press box technical specifications:

Model	Max. Cutting Force (ton)	Press Box Size (L×W×H/mm)	Cutting width (mm)	Production Rate (t/h)	Shearing Frequency (次/min)	Main motor (kW)
Q91Y-500Q	500	6000×1600×650	1600	8-12	3	2×55
Q91Y-500M	500	6000×1600×650	1600	8-12	3	2×55
Q91Y-630H	630	7000×1600×650	1600	9-13	3	3×55
Q91Y-630W	630	8000×1800×900	1800	10-15	2.9	5×45
Q91Y-800W	800	8000×2000×900	2000	15-20	2.4	6×45
Q91Y-1000W	1000	8000×2000×1000	2000	20-25	2.6	4×90
Q91Y-1250W	1250	8000×2000×1200	2000	24-30	2.6	5×90
Q91Y-1350W	1350	8000×2500×1100	2500	27-32	3	5×90
Q91Y-1600W	1600	8000×2000×1200	2000	28-35	2.4	6×90
Q91Y-2000W	2000	8000×2000×1400	2000	30-40	2.7	9×90

Note1: In the table, Q91Y-800W and below types press box are chain drive; Q91Y-1000W and above types press box are cylinder push.

Note2: Q91Y series press box are available in various specifications. Please consult us for details if necessary.

Note3: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.

Wide open press box technical specifications (servo model)

Model	Max. Cutting Force (ton)	Press Box Size (L×W×H/mm)	Cutting width (mm)	Production Rate (t/h)	Shearing Frequency (次/min)	Servo power (kW)
Q91Y-500Q	500	6000×1600×650	1600	8-12	3.1	85
Q91Y-500M	500	6000×1600×650	1600	8-12	2.4	85
Q91Y-630W	630	8000×1800×900	1800	10-15	2.9	2×85
Q91Y-800W	800	8000×2000×900	2000	15-20	2.7	2×85
Q91Y-1000W	1000	8000×2000×1000	2000	20-25	2.4	3×85
Q91Y-1250W	1250	8000×2000×1200	2000	24-30	2.6	4×85
Q91Y-1600W	1600	8000×2000×1200	2000	28-35	2.4	5×85
Q91Y-2000W	2000	8000×2000×1400	2000	30-40	3	8×85

Note1: In the table, Q91Y-800W and below types press box are chain drive; Q91Y-1000W and above types press box are cylinder push.

Note2: Q91Y series press box are available in various specifications. Please consult us for details if necessary.

Note3: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.

Technical advantages of servo electro-hydraulic control system: high efficiency, stability and energy saving.

High efficiency: fast response speed, the fastest response time is 20ms, greatly improving the operating efficiency of the equipment. High motor speed increases the output flow of oil pump.

Stability: the output flow can be accurately controlled when the equipment is running, and the system is stable without vibration and shock.

Energy saving: servo motor combination can save about 30%~50% energy compared with conventional motor combination.

Q91Y Series Heavy-duty Scrap Shears--Double press box

FUNCTIONS

Q91Y Series Heavy-duty Scrap Shears are suitable for compress low-carbon light and thin scrap steel, scrap car shells, light metal structural parts, etc. into high-tight bales, and then shearing them into qualified charge that meets the smelting requirements of steel mills. A complete production line can be formed with the feeding and grasping machine or electromagnetic sucker, discharge conveyor, stacking rotary conveyor, etc.

Suitable for National Circular Economy Park, National Urban Mineral Demonstration Base, scrap processing and distribution center (base), steel and nonferrous metals industry, scrap car dismantling and remanufacturing enterprises, etc.

FEATURES:

- 1、 Double layer side pushing type press box structure, side pressing works synchronously. It integrates compression and shearing functions and has high compression tightness. The equipment can also be used for feeding during shearing to improve working efficiency.
- 2、 The material box has a large opening area, which is suitable for mechanical feeding, especially for loose light steel scrap and steel structures.
- 3、 Adopt screen display control panel, automatic integrated control, stable and reliable operation. Optional wireless remote control device, single person control the production line supporting equipment.
- 4、 Reliable large flow logic valve control and independent filtering and cooling system can ensure the efficient and reliable operation of the system. The comprehensive application of constant power variable and differential fast technology can save about 25% energy while ensuring the output, and the energy consumption per ton of steel processing is lower than the industrial standard requirements.

Double Press Box Technical Specifications

Note: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.

Model	Max. Cutting Force (ton)	Press Box Size (L×W×H/mm)	Cutting width (mm)	Production Rate (t/h)	Shearing Frequency (次/min)	Main motor (kW)
Q91Y-500	500	5000×2000×1100	800	10-13	3	4×30
Q91Y-630	630	6000×2200×1500	900	12-15	3	4×45
Q91Y-800	800	6000×2200×1500	900	15-18	3	6×45
Q91Y-1000	1000	7000×2500×1800	1000	18-22	3	4×90
Q91Y-1250	1250	7000×2500×1800	1000	20-25	3	5×90



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HUAHONG TECHNOLOGY



Q91Y-1250/20MY
龙门式液压废钢剪断机



Q15 Series Hydraulic Guillotine Shears

FUNCTIONS

Q15 Series Hydraulic Guillotine Shears are suitable for shearing processing of various metal sheet, rebar and other materials, which can completely replace flame cutting and reduce the processing cost.

FEATURES:

- 1、 Adopt mechanical, electrical and hydraulic integrated control, and can be started and stopped at any position, which is easy to realize overload protection.
- 2、 Single and continuous cutting can be selected as required.

Q15 series hydraulic guillotine shears technical specifications:

Model	Max. Cutting Force (ton)	Blade length (mm)	Max. cutting Size (mm)	Shearing Frequency (次/min)	Main motor power (kW)
Q15-1200	120	600	18×500	6-8	15
Q15-1600	160	600	20×500	6-8	18.5
Q15-2000A	200	600	25×500	6-8	22
Q15-2000B	200	800	25×600	6-8	22
Q15-2500A	250	600	30×500	6-8	2×15
Q15-2500B	250	800	30×600	6-8	2×15
Q15-3150	315	800	35×600	8-10	45
Q15-4000	400	800	40×600	10-12	2×45
Q15-5000	500	900	45×700	8-10	2×45

Note: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.

Q15B Wide Hydraulic Gantry Shear Technical Parameters

Model	Max. Cutting Force (ton)	Blade length (mm)	Max. cutting Size (Steel/Nickel Plate,mm)	Shearing Frequency (次/min)	Main motor power (kW)
Q15B-1600	160	1200	18/16×1000	4-7	18.5
Q15B-2000	200	1200	20/18×1000	4-7	22
Q15B-2500A	250	1200	25/20×1000	4-7	2×15
Q15B-2500B	250	1600	25/20×1400	4-7	2×15
Q15B-3150A	315	1200	30/25×1000	4-7	2×18.5
Q15B-3150B	315	1600	30/25×1400	4-7	2×18.5

Note: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.



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Q43系列鳄鱼剪料视频(旧涂装)



Q43 Series Hydraulic Alligator Shears

FUNCTIONS

Q43 Series Hydraulic Alligator Shears are 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 metals industry, scrap processing and distribution center (base) and renewable resources processing enterprises, scrap car dismantling enterprises.

FEATURES:

- 1、 Adopt mechanical, electrical and hydraulic integrated control; can be started and stopped at any location, which is easy to realize over-load protection; it can be equipped with diesel engine as backup power supply.
- 2、 Single and continuous cutting can be selected as required.
- 3、 Equipment installation without foot bolts fixed to facilitate the production or equipment layout adjustment.

Q43 series hydraulic alligator shears

Model	Max. Cutting Force (ton)	Blade length (mm)	Max. cutting Size Square steel/round steel (mm)	Shearing Frequency (次/min)	Main motor power (kW)
Q43-630	63	600/800	35×35/Φ40	10-12	7.5
Q43-1200	120	600/800	50×50/Φ55	10-12	15
Q43-1600	160	700/800	55×55/Φ63	8-10	18.5
Q43-2000	200	800/1000	65×65/Φ70	8-10	22
Q43-2500	250	1000/1200	70×70/Φ80	6-8	2×15
Q43-3150	315	1000/1200	75×75/Φ85	6-8	2×18.5
Q43-4000	400	1500	90×90/Φ100	4-8	2×22
Q43-5000	500	1600	100×100/Φ110	4-8	2×30
Q43-6000	600	1800	110×110/Φ120	4-8	2×37
Q43Y-400	40	500	25×25/Φ30	8-10	5.5
Q43Y-800	80	800	30×30/Φ35	8-10	7.5

Note: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.



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Q43 II Series Double - edged Hydraulic Alligator Shears

FUNCTIONS

Suitable for shearing and baling of automobile shell and large container material. The pressed mass is suitable for shredded by scrap shredder line.

FEATURES:

- 1、 Adopt hydraulic control, easy to achieve overload protection.
- 2、 Running smoothly, just a simple device basis.



Q43 II series double - edged hydraulic alligator shears technical parameters

Model	Max. Cutting Force (ton)	Blade length (mm)	Press Box Size (L×W×H/mm)	Bale Size (W×H/mm)	Main motor power (kW)
Q43II-2500	250	2020	2020×600×600	600×400	2×17.5
Q43II-3150	315	2500	2500×800×900	800×600	45

Note: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.

Q45H Series Tiger-head Shearing Machine

FUNCTIONS

Q45H Series Tiger-head Shearing Machine cold cutting of metal profiles and metal structures with various cross-sectional shapes, and processed to qualified charge. Applicable to the steel industry, nonferrous metals industry, scrap processing and distribution center (base) and renewable resources processing enterprises, scrap car dismantling enterprises.

FEATURES:

- 1、 Adopt mechanical, electrical and hydraulic integrated control, and can be started and stopped at any position, which is easy to realize overload protection.
- 2、 Single and continuous cutting can be selected as required.
- 3、 PLC control, reliable performance.
- 4、 The automatic lubrication pump is used to intermittently lubricate the spindle, which effectively prolongs the service life of the equipment.



Q45H Tiger Head Shear Technical Parameter

Model	Max. Cutting Force (ton)	Blade length (mm)	Max. cutting Size Square steel/round steel (mm)	Shearing Frequency (次/min)	Main motor power (kW)
Q45H-4000	400	1200	90×90/Φ100	4-7	2×22

Note: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.



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QW Series Container Shear Machine

FUNCTIONS



QW Series Container Shear Machine are suitable for cold shearing of light and thin materials (such as color steel tiles, channel steel, steel plates, etc.) with various cross section shapes to make them meet the requirements.

FEATURES:

- 1、 Complete machine structure, which can be quickly transferred in each recycling yard.
- 2、 Configurable remote control operation, high security.
- 3、 Rapid preloading and high shearing efficiency.
- 4、 It shall be placed on the hardened ground during operation and shall not be used as a foundation. The material shall be grabbed by the

QW Series Container Shear Machine Technical Parameters

Model	Max.shear force (ton)	Cutting width (mm)	Inlet size (mm)	Max. cutting range (mm)		Main motor power (kW)
QW-400	400	1400	2000×1400	Square steel 100×100	Round steel φ 105	2×30
QW-630	630	1400	2000×1400	Square steel 120×120	Round steel φ 140	3×45
QW-800	800	1600	2200×1600	Square steel 130×130	Round steel φ 160	4×45
QW-1000	1000	1600	2200×1600	Square steel 150×150	Round steel φ 170	5×45
QW-1250	1250	1800	2200×1800	Square steel 180×180	Round steel φ 200	3×90

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Q43系列鳄鱼剪料视频(旧涂装)

Y83 Series Briquetting Press Machine

FUNCTIONS



Y83 Series Briquetting Press Machine are suitable for pressing metal scraps such as iron scraps, cast iron scraps, copper scraps, aluminum scraps, etc. with length $\leq 80\text{mm}$ into round high-density bales, which are convenient for recycling and smelting

FEATURES:

- 1、Hydraulic drive, high working efficiency, stable and vibration-free, safe and reliable.
- 2、Stable movement, safe and reliable. Simple equipment foundation.
- 3、PLC control, manual or automatic operation.
- 4、Adopt our company's unique composite cylinder patent technology.
- 5、Automatic discharge system, high production efficiency and easy operation.

Y83 Series Briquetting Press Machine (Horizontal) Technical Parameters

Model	Cylinder pressure (ton)	Cavity size (mm)	Briquetting size (mm)	Capacity (t/h)	Main motor power (kW)
Y83W-630	630	$\Phi 160 \times 550$	$\Phi 160 \times (150-180)$	2~2.5	2×45
Y83W-1250	1250	$\Phi 300 \times 700$	$\Phi 300 \times (240-260)$	10~12	2×160

Note: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.

Y83 Series Briquetting Press Machine (Vertical) Technical Parameters

Model	Cylinder pressure (ton)	Cavity size (mm)	Briquetting size (mm)	Capacity (t/h)	Main motor power (kW)
Y83-250	250	$\Phi 110 \times 180$	$\Phi 110 \times (50-70)$	0.6~0.8	22
		$\Phi 120 \times 180$	$\Phi 120 \times (50-70)$		
Y83-315	315	$\Phi 120 \times 180$	$\Phi 120 \times (50-70)$	0.8~1.1	30
		$\Phi 140 \times 180$	$\Phi 140 \times (50-70)$		
Y83-400	400	$\Phi 140 \times 300$	$\Phi 140 \times (70-100)$	1.3~1.6	37
		$\Phi 160 \times 300$	$\Phi 160 \times (70-100)$		
Y83-500	500	$\Phi 160 \times 300$	$\Phi 160 \times (70-100)$	1.7~2.3	45
		$\Phi 180 \times 300$	$\Phi 180 \times (70-100)$		
Y83-630	630	$\Phi 180 \times 400$	$\Phi 180 \times (100-140)$	2.8~3.5	2×37
		$\Phi 200 \times 400$	$\Phi 200 \times (100-140)$		
Y83F-500	500	200×200	200×200×(150-180)	1.4~1.7/ALUMINUM	55

Note: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.



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YSJ Series Scrap Metal Pre-shredder

FUNCTIONS



YSJ Series Scrap Metal Pre-shredder are suitable for the pre-shredding treatment of car shells and metal bales (density less than 1.5t/m³), torn into small pieces or strips, and then transported to the scrap steel shredder line for final shredding.

FEATURES:

- 1、 Double hydraulic motor drive, low noise, adjustable working force, simple and safe operation.
- 2、 It can be used for shredding and pretreatment, and can also be directly used after pre shredder after discharging.
- 3、 New steel frame structure, solid structure.
- 4、 Mechanical, electrical and hydraulic integrated control, easy to learn, intuitive and convenient operation.

YSJ Series Scrap Metal Pre Shredder Technical Parameters

Model	Effective working width (mm)	Capacity (t/h)	Main motor power (kW)
YSJ220-220	2200	12-20	2×110
YSJ220-640	2200	45-55	4×160

Note: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.



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YSJ220-640广东佛山客户现场(完整版)

Y82 Series Vertical Stainless Steel Baler

FUNCTIONS

Y82 Series Vertical Stainless Steel Baler are suitable for cold bundle baling of various light and thin stainless steel scraps to form tight bales.

FEATURES:

- 1、 Vertical structure, and small floor area.
- 2、 New steel frame structure, sturdy and durable.
- 3、 Hydraulic drive, simple and reliable operation.



Y82 Series Vertical Stainless Steel Baler Technical Parameters

Model	Main cylinder pressure (ton)	Press box size (L×W×H/mm)	Bale size (W×H/mm)	Feed port size (W×H/mm)	Main motor power (kW)
Y82/F-160G	160	1100×700×1500	1100×700	1100×500	22
Y82/F-200G	200	1500×800×1500	1500×800	1500×400	45

Note1: Control and bale-discharge: manual valve operation; Turn the bag on the return trip.

Note2: Binding method: manual binding.

Note3: Door opening mode: four door.

Note4: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.

Y82 Series Vertical Non-metal Baler

FUNCTIONS

Y82 Series Vertical Non-metal Baler are suitable for baling waste paper/cardboard, waste plastic film/bottle, and cotton yarn, waste cotton, cloth, sack, hair ball, straw and other materials.

FEATURES:

- 1、 Vertical structure, small floor area.
- 2、 New steel frame structure, sturdy and durable.
- 3、 Hydraulic drive, simple and reliable operation.



Y82 Series (waste paper and plastic) Vertical Baler Technical Parameters

Model	Main cylinder pressure (ton)	Press box size (L×W×H/mm)	Bale size (W×H/mm)	Bale weight - waste cartons (kg)	Main motor power (kW)
Y82/T-25F	25	1100×800×1650	1100×800	120~180	15
Y82/T-35F	35	1100×750×1500	1100×750	200~250	15
Y82/T-63F	63	1100×900×1500	1100×900	200~300	15
Y82/T-63FB	63	1100×1100×1600	1100×1100	300~350	15
Y82/T-100FB	100	1100×1100×1600	1100×1100	350~400	18.5

Note1: Control and bale-discharge: manual valve operation, push out bale.

Note2: Binding method: manual binding.

Note3: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.

Y82 Series (Wool ball) Vertical Baler Technical Parameters

Model	Main cylinder pressure (ton)	Press box size (L×W×H/mm)	Bale size (W×H/mm)	Number of hair balls per package	Main motor power (kW)
Y82-120Q	120	1120×780×2250	1120×780	24/36	22
Y82-200Q	200	1100×780×2250	1100×780	36/42	45
Y82-315Q	315	1090×780×2700	1090×780	36/42	37+3

Note1: Control and bale-discharge: manual valve operation, manual outsourcing

Note2: Binding method: manual binding.

Note3: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.

Y82 Series (PET bottle) Vertical Baler Technical Parameters

Model	Main cylinder pressure (ton)	Press box size (L×W×H/mm)	Bale size (W×H/mm)	Bale weight (kg)	Main motor power (kW)
Y82-30F	30	1100×550×2000	1100×550	100	11

Note1: Control and bale-discharge: manual valve operation, manual outsourcing

Note2: Binding method: manual binding.

Note3: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.

Y82 Series (Cloth) Vertical Baler Technical Parameters

Model	Main cylinder pressure (ton)	Table size (L×W/mm)	Indenter size (W×H/mm)	Head to table dimensions		Main motor power (kW)
				Max(mm)	Min(mm)	
Y82-25B	25	1200×750	1100×680	1250	350	15
Y82-160B	160	1215×500	1215×500	1000	200	22

Note1: Control and bale-discharge: manual valve operation, manual outsourcing

Note2: Binding method: manual binding.

Note3: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.

Y82 Series (Yarn, waste cotton) Vertical Baler Technical Parameters

Model	Main cylinder pressure (ton)	Press box size (L×W×H/mm)	Bale size (W×H/mm)	Bale weight (kg)	Main motor power (kW)
Y82-25M	25	980×430×1500	980×43	70	15

Note1: Control and bale-discharge: manual valve operation, manual outsourcing

Note2: Binding method: manual binding.

Note3: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.



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Q91Y-1250/20MY
龙门式液压废钢剪断机

Scrap Metal Shredder Production Line

FUNCTIONS

Scrap Metal Shredder Production Line are suitable for National Circular Economy Park, National Urban Mineral Demonstration Base, scrap processing and distribution center (base), steel and nonferrous metals industry, scrap car dismantling and remanufacturing enterprises, etc. The scrapped car shell, low-carbon light and thin scrap steel or bale, waste household appliances, etc. are passed through the shredder system to remove impurities such as paint film; Through the sorting system, the ferrous metal, nonferrous metal and nonmetal are separated; The shredded steel charge with bulk density is about 1.0~1.2t/m.

FEATURES:

- 1、 Equipped with cooling spray, dust removal, noise reduction and other systems to meet the environmental protection requirements of the project.
- 2、 Equipped with all-round video monitoring system, automatic integrated control system, remote operation and maintenance system that can be networked to meet the requirements for safe and efficient production and operation.
- 3、 The core structure of the equipment has the unique advantage of independent design; the equipment accessories are versatile and easy to maintain.
- 4、 The preloading drum is driven by a high torque hydraulic motor, with strong overload capacity and high working efficiency; Chain plate feeding structure has simple structure, convenient maintenance, stable operation, energy saving and high efficiency.



Scrap Metal Shredder Production Line Main Composition Equipment

- 1、 Feeding system: mainly composed of chain plate feeding conveyor (or crawler type feeding conveyor), it can be equipped with auxiliary equipment such as pre shredder and steel grab to complete automatic feeding of the production line.
- 2、 Shredder main machine: mainly composed of feeder with hydraulic drum, main machine, high-voltage motor drive system, etc. It is the core component of the production line.
- 3、 Discharge system: mainly composed of crushing material vibrating feeder, discharging belt conveyor, magnetic material belt conveyor, non-magnetic material belt conveyor, crushing material stacking belt conveyor, etc., to separate, classify and stack crushed steel and non-magnetic materials.
- 4、 Magnetic separation system: mainly composed of an upper magnetic separation drum and an armored iron remover to separate magnetic materials from non-magnetic materials.
- 5、 Air separation impurity removal system (optional): mainly used to remove light non-metallic inclusions in the crushed materials after magnetic separation, so as to obtain more pure magnetic crushed materials.
- 6、 Dust removal system (optional): mainly used to remove the dust generated in the process of crushing and magnetic separation to ensure that the production line meets the environmental requirements during production.
- 7、 Non ferrous separation system (optional): mainly used to separate non-ferrous metals, plastics and other non-magnetic materials among non-magnetic materials, so as to make full use of them and recover them efficiently.

Scrap Metal Shredder Production Line Technical Parameters (Ferrous Metals)

Model	Main models	Feed port width (mm)	Capacity (t/h)	Main motor power (kW/HP)
PSX600	PSJ5055	1200	6-10	450(600)
PSX800	PSJ5070	1800	8-12	600(800)
PSX1200	PSJ6885	2200	20-30	900(1200)
PSX1600		2200	25-35	1200(1600)
PSX1600	PSJ68104	2500	25-35	1200(1600)
PSX2000		2500	28-40	1500(2000)
PSX2000	PSJ80104	2500	40-65	1500(2000)
PSX3000		2500	55-85	2250(3000)
PSX4000	PSJ90104	2500	75-100	3000(4000)
PSX6000		2500	100-160	4500(6000)
PSX8000	PSJ98114	2500	150-200	6000(8000)
PSX10000	PSJ124104	2500	250-350	8000(10800)

Note: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.

Scrap Metal Shredder Production Line Technical Parameters (scrap aluminum)

Model	Main models	Feed port width (mm)	Scrap aluminum capacity (t/h)	Scrap alloy aluminum capacity (t/h)	Main motor power (kW/HP)
PSX270L	PSJ4050	1000	1.5-2	3-5	200 (270)
PSX600L	PSJ5055	1200	5-6	10-15	450(600)
PSX800L	PSJ5070	1800	5-8.5	15-20	600(800)
PSX1200L	PSJ6885	2200	7-10	20-30	900(1200)
PSX1600L		2200	8-12	25-35	1200(1600)
PSX1600L	PSJ68104	2500	12-15	30-35	1200(1600)
PSX2000L		2500	14-18	35-40	1500(2000)
PSX2000L	PSJ80104	2500	15-25	55-65	1500(2000)
PSX3000L		2500	28-40	60-85	2250(3000)

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华宏科技
HUAHONG TECHNOLOGY



PSX-3000破碎线

CBJ Horizontal Metal Unpacking Machine

FUNCTIONS



CBJ Horizontal Metal Unpacking Machine are suitable for dismantling scrap cars or scrap bales to facilitate the shredder process of the crushing line or check whether there are impurities in the bales.

FEATURES:

- 1、 Easy to unpack, large pulling force and high production efficiency.
- 2、 Hydraulic drive, simple and reliable operation.

CBJ Horizontal Metal Unpacking Machine Technical Parameters

Model	Main cylinder pressure (ton)	Maximum detachable bale (L×W×H/mm)	Main motor power (kW)
CBJ-345	34.5	1000×500×500	18.5
CBJ-600	60	1000×800×800	22
CBJ-1200	120	1000×800×800	30
CBJ-2500	250	1600×800×800	2×30
CBJ-3150	315	1600×1000×1000	2×45
CBJ-6000	600	2000×1000×1000	3×55

Note: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.



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HBM Horizontal Stainless Steel Strapping machine



FUNCTIONS

HBM Horizontal Stainless Steel Strapping machine are suitable for packaging metal scraps such as stainless steel sheets, and then performing manual well-shaped bundling blocks.

FEATURES:

- 1、 Large feeding port, convenient feeding and high working efficiency.
- 2、 New steel frame structure, sturdy and durable.
- 3、 Hydraulic drive, simple and reliable operation.

HBM Horizontal Stainless Steel Strapping machine Technical Parameters

Model	Main cylinder pressure (ton)	Press Box Size (L×W×H/mm)	Feed port size (W×H/mm)	Bale Size (W×H/mm)	Main motor power (kW)
HBM-200	200	3000×1500×850	1800×1500	1500×800	2×22
HBM-250	250	3700×1500×850	2500×1500	1500×800	2×30
HBM-315	315	3700×1500×850	2500×1500	1500×800	2×45
HBM-400	400	3700×1500×1050	2500×1500	1500×700	2×45
HBM-630	630	4900×1500×1200	3500×1500	1500×700	3×45

Note1: Control and bale-discharge: HBM-200 and HBM-250 are controlled by manual valves, and HBM-315, HBM-400 and HBM-630 are controlled by PLC semi-automatically.

Note2: Binding method: artificial iron wire well-shaped binding.

Note3: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.



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HPA Series Fully Automatic Horizontal Balers

FUNCTIONS



HPA Series Fully Automatic Horizontal Balers are suitable for baling and automatic bundling of waste paper (waste cardboard, old books and newspapers, etc.), waste plastics (plastic film, packaging bags, PET bottles, etc.), straw and other loose materials. It is applicable to National Circular Economy Park, National Urban Mineral Demonstration Base, agriculture, paper industry, etc.

FEATURES:

- 1、 Automatic baling and bundling, the bale length can be set, and the work efficiency is high.
- 2、 PLC control, human-machine interface control and window monitoring can realize fault warning.
- 3、 The left, right and upper three-way floating necked press box can automatically distribute the pressure on four sides, which is suitable for compressing and baling different materials.

HPA Automatic Horizontal Non-metal Baler Technical Parameters

Model	Main cylinder pressure (ton)	Feed port size (W×H/mm)	Conveyor width (mm)	Bale size (W×H/mm)	Capacity (t/h)	Main motor power (kW)
HPA-50	50	900×700	none	700×700	2~3	22
HPA-80C	80	1450×1100	1000	1100×720	4~5	45
HPA-100B	100	1600×1000	1200	1000×1100	7~8	55
HPA-125A	125	2200×1100	1600	1100×1100	8~10	2×37
HPA-125B	125	2200×1100	1600	1100×1250	10~12	2×37
HPA-160A	160	2200×1100	1600	1100×1100	9~11	2×45
HPA-160B	160	2200×1100	1600	1100×1250	11~13	2×45

Note1: Control and bale-discharge: PLC automatic control; Push out bale.

Note2: Binding method: automatic wire binding.

Note3: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.



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 华宏科技
HUAHONG TECHNOLOGY



Q43系列鳄鱼剪刀料视频 (旧涂装)

HPM Series Semi-automatic Horizontal Balers



FUNCTIONS

HPM Series Semi-automatic Horizontal Balers are suitable for packaging and manual bundling of waste paper (waste paper cardboard, old books and newspapers, etc.), waste plastics (plastic film, packaging bags, PET bottles, etc.), straw and other loose materials.

FEATURES:

- 1、 Horizontal structure, conveyor belt feeding, manual bundling, with the advantages of convenient feeding and more feeding at one time.
- 2、 Touch screen, button dual operating system.
- 3、 Hydraulic drive, simple and reliable operation.

HPM Semi-automatic Horizontal Non-metal Balers Technical Parameters

Model	Main cylinder pressure (ton)	Feed port size (W×H/mm)	Conveyor width (mm)	Bale size (W×H/mm)	Capacity (bale/h)	Main motor power (kW)
HPM-125S	125	2050×1100	1600	1100×1250	6	37
HPM-160S	160	2050×1120	1600	1120×1300	6	2×22
HPM-250S	250	2050×1120	1600	1120×1300	6	2×37
HPM-315S	315	2050×1120	1600	1120×1330	6	45+37

Note1: Control and bale-discharge: PLC semi-automatic control; push out bale.

Note2: Binding method: manual wire binding.

Note3: Up and down door type.

Note4: Product technical parameters are subject to change without notice. The actual parameters are subject to the contract.



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