



Mode: GB4030

Cutting capacity: round material 300 mm, square material 230X400 mm.

Blade speed: 27,40,50,71 m/min

Blade size: 0.9X27X3350 mm

Motor: 2.2 kw

Hydraulic: 0.37 kw

Coolant pump: 0.08 kw

Weight: about 700 kgs

Machine size: 1750X650X1250 mm

1. Hydraulic control of feeding speed ,stepless adjustment.

2. Hydraulic control of clamp.

3. Adopt worm-gear box to drive

4. Using antifriction bearing and hard alloy for guiding.

5. Band saw overload protection device



**GKT 608 Carbide Circular Saw** is used to cut various steels of strength less than 1350N/mm<sup>2</sup> and hardness less than 45HRC such as structures, alloyed steel, stainless steel, bearing steel, guide steel, seamless steel tubes, car wheel steel, etc. It is enjoyed by high efficiency, quality cutting. It is the most efficiency saw machine both in domestic and abroad which is perform at normal cutting temperature.

Cutting efficiency :

For 30Mn2 steel, it take 52 seconds to cut rounds of φ200mm

For 30CrMo steel, it take 126 seconds to cut cast stocks of φ200mm

Cutting Quality:

End cutting surface straightness tolerance ≤1°

Cutting surface roughness ≤Ra25 ;

End cutting surface burr height≤1.5mm

Main Specifications :

1. Blade dimension	φ 830, φ 965, φ 1020 mm
2. Cutting material size	φ 70~ φ 340 mm
3. Cutting speed	26, 32, 40, 48, r/min
4. Feed speed	0~500mm/min
5. Rapid backward	3000mm/min
6. Work table height	914mm
7. Main motor power	55/67Kw
8. Machine net weight	8500 Kg
9. Floor area (Not include electric cabinet)	About 5200 X 2700 X 2260mm

The machine is able to automatically perform a whole cutting cycle that

includes of storing material, feeding material, convey the material to required length, then convey the finished product and end material.



## SPECIFICATIONS

Item	unit	GZ4240	G4240
Max. cutting capacity	max. diameter	mm	φ410
	max. square	mm	410×410

Min. vise width	mm	40	40
Max. feeding stroke	mm	400(×3)	0
Blade size	mm	34×1.06×4585	34×1.06×4585
Table to floor way	mm	700	700
Blade speed	m/min	20.35.50.70	20.35.50.70
Feeding speed	m/min	(infinitely variable)	(infinitely variable)
Main motor power	kW	4	4
Hydraulic pump power	kW	15	15
Coolant pump power	kW	0.09	0.09
Hydraulic tank capacity	L	95	95
Coolant tank capacity	L	68	68
Machine loading capacity	mm	2300×1555×2280 (L×H×W)	2300×1555×1040(L×H×W)
Overall size(W×H×L)	kg	2500	2200

mainly used to cut various ferrous and no-ferrous metals. It is characterized by narrow cuts, material and energy saving, high accuracy, easy-operating, high efficiency. The machine is equipped with a power driven material feeding and clamping unit.

#### **Main characteristics:**

- 1、The saw bow don't feed when workpiece isn't clamped.
  - 2、The machine will stop in case of blade broken or stuck.
  - 3、The digital display unit shows cutting length, min length 1mm.
  - 4、Automatic counting unit to stop machine automatically when finishing the preset cutting number.
  - 5、The hydraulic blade tension offer easy and quick operation.
  - 6、PLC controls make the performance stable and reliable.
  - 7、The column-style structure is advanced and reliable.
- The semi-automatic horizontal bandsaw G4240 without these feature above mentioned in item2、3、4、6.



## SPECIFICATIONS

Item	unit	GZ4225	G4225
Max cutting diameter	mm	φ250	φ250
Blade size(W×T×L)	mm	27×0.9×3505	27×0.9×3505
Blade speeds(infinitely)	m/min	27-82	27.40.54.75
Table height	mm	700	700
Main motor power	kW	2.2	2.2
Hydraulic motor power	kW	0.75	0.75
Coolant pump power	kW	0.09	0.09
Hydraulic oil tank capacity	L	75	75
Coolant tank capacity	L	40	40
Max feed length	mm	400×3	0
Over all size(L×W×T)	mm	2086×2052×1350	2086×2052×1350
Net weight	kg	1600	1400

### Main characteristics:

- 1.The saw bow don't feed when workpiece isn't be clamped.
- 2.The machine will stop in case of blade broken or stuck.
- 3.The digital display unit show cutting length, min length 1 mm.
- 4.Automatic cuts counting to stop machine when finished the preset cutting number. The hydraulic blade tension offer easy and quick operation.
- 5.Hydraulic tension blade is easy to operate.
- 6.PLC controls make the performance stable and reliable.
- 7.The column-structure is advanced and reliable.

8. Stepless speed regulator realise easy blade speed adjusting without stop mechanical movements.

The semi-automatic horizontal bandsaw G4225 without these feature above mentioned in item2、3、4、6、7、8。



## SPECIFICATIONS

Item / Model		unit	G42100A	G42100×130A	G42130×160
cutting capacity	Bar	mm	φ1000	φ1000	φ13000
	Shape	mm	1000×1000 300×200	1300×1000 600×200	1300×1600 900×100
Blade size		mm	11400×54×1.6	12000×67×1.6	12400×67×1.6
Blade speed		mm/min	10- 60 (infinitely)	10- 60 (infinitely)	10- 60 (infinitely)
Feed speed		mm/min	0- 60 (infinitely)	0- 60 (infinitely)	0- 60 (infinitely)
Main motor power		kw	11	11	15

Hydraulic motor power	kW	4	4	5
Cooling motor power	kW	0.25	0.25	0.25
Hydraulic system pressure	Mpa	5.5	5.5	6.5
Table height	mm	680	680	680
Overall size (W×H×L)	mm	5250×3035×7000	5800×3035×7000	6100×3850×7000
Loading capacity	kg	25000	32000	32000
Net weight	kg	15000	25000	30000

style horizontal bandsaws integrate machinery with electron and hydraulic system. Mainly used for cutting various shapes as well as ferrous and nonferrous metals with large diameter or section. They are characterized by narrow kerf, high accuracy and productivity, energy and material saving.

#### **Main characteristics:**

Adopting SEW reducer as the main driving system, which offers large drive torque, high drive efficiency, reliable performance, long using life.

The blade speed is infinitely adjusted by machinery.

The blade is hydraulically tensioned. The machine will automatically stop in case of blade breakage.

The feeding speed is infinitely adjusted by the hydraulic unit. The forward/ backward double way feeding can be carried out by the machine.



## SPECIFICATIONS

Item	unit	G5328
cutting thickness	mm	280
cutting width	mm	300
cutting width	mm	10
Cutting length/one time	mm	500
300mm	mm	Φ180
300mm	mm	Φ280
Blade speeds	m/mim	25, 40, 64
Feed speed		stepless
Blade size	mm	27×0.9×3350
Main motor power	kW	2.2
Hydraulic motor power	kW	0.75
Overall size ( L×W×H )	mm	1320×1270×1715

This machine is a new type block vertical bandsaw machine. It's suitable for cutting dies, steel plate and bar, etc. It is characterized by narrow cutting, material and energy saving, high precision, easy operation and high efficiency.

### STRUCTURE CHARACTERISTICS:

1. The frame were straightly laid on level sideway and slant 300.
2. The hydraulic controlled frame moves along level

direction .

3. Vertical clamp work piece by hydraulic system control.
4. The fixing and clamping of work piece is easy.



## SPECIFICATIONS

Specifications		unit	G4265、G4265S
Max. cutting capacity	I. max. diameter	mm	Φ650
	II. max. square	mm	700×650
Min. cutting diameter		mm	Φ350
Blade size (L×W×T)		mm	7650×41×1.25 (or) 7650×54×1.3
Blade speed (steps)		m/min	20、40、60
Main motor power		kW	5.5
Hydraulic motor power		kW	2.2
Hydraulic pressure		MPa	4.5
Hydraulic tank capacity		L	150
Cool pump power		kW	0.15
Table to floor way		mm	620
Machine loading capacity		kg	12000
Overall size (W×H×L)		mm	2177×2201×3680
Net weigh		kg	5500

G4265、G4265S、GZ4265 column horizontal band saw machine is mainly used to cut various ferrous metals and non-ferrous metals. It is characterized by narrow cuts, material and energy saving, high accuracy, easy-operating, high efficiency. The machine is equipped with a material-supporting roller. It also can be provided with a power-driven material feeding unit in case of customer required.

Main characteristics:

1. adopting PLC controlling;
2. advanced hydraulic controlling system ensures good blade tension, reliable guidance as well as material feeding.
3. laser projects lamp can easy and exactly aim to cut position.
4. automatic stop unit to shut off machine in case of blade breakage.



## SPECIFICATIONS

Item ( unit)	G4250、G4250-S	G4250×70
Max cutting thickness (mm)	500	500
Max cutting width (mm)	550	700
Blade size mm(L×W×H)	4880×41×1.25	5240×41×1.25
Blade speeds( m/min)	17, 25, 35, 45, 55, 65, 75	17, 25, 35, 45, 55, 65, 75
Floor to vise way (mm)	660	660
Feed speeds infinitely variable		
Main motor power (Kw)	5.5	5.5
Hydraulic motor power( Kw)	1.5	1.5
Coolant motor power (W)	120	120
Capacity of oil tank (L)	85	110
Capacity of coolant tank (L)	100	120
Overall size (mm)	3100×2560×1880	3300×2560×1880
Net weight (Kg)	2500	2800

This machine is a semi-automatic medium sized column-style horizontal bandsaw, mainly used for cutting various ferrous and nonferrous metals. It is characterized by narrow cuts, energy saving, high precision, easy to operate and high efficiency, Model G4250-S is equipped

with power feeding function .

Main features :

- PLC. Control
- Hydraulic-controlled feed speed, blade tension, blade guidance and workpiece raising.
- Laser lamp to aim cutting position conveniently and precisely.
- Blade protective equipment to automatically protect blade in case of blade block.



## SPECIFICATIONS

max. cutting thickness	320mm
Throat	500mm

Band width	27mm
Saw Blade Length(Max)	4250mm
Blade speed(inf. war. )	15-90 180-1080m/min
Table size(L*w)	700*800
Table Tlit	L.10", R30"
Table Stroke (Hyd)	300mm
Table Capacity	200kg
Fdde speed	10-1080m/min
Coolant	air or splash
Blade drive moter	D. C. 2.2kw
Floor area (L*W)	1245*1648mm
Net weight (Appr. )	1600kg

The G5132 bandsaw Machine is designed for cutting ferrous and non-ferrous metals plastic and bakelite. This machine is characterized by strong power, good rigidity, and easy to operation.

Hydraulically-powered work table feeds work piece at a constant speed, and result in optimize cutting performance.

DC motor drives the band at speed ranged from 15 to 90 m/min or 180 to 1080 m/min infinitely and this results in the best selection for variors materials.

Greater rigidity and strength and with good band tension, which is necessary for fast and accurate cuts.



### SPECIFICATIONS

Item	Unit	Specifications
Blade size	mm	Φ 285×2.0
Cutting capacity	mm	Round Φ 8~Φ 65 Square 8~55
Max. feeding length	mm	600 (Feeding accuracy ± 0.03m)
Blade speed	rpm	90/130
Motor power	kW	4/5
Hydraulic motor power	kW	1.5
Cutting driving system		hydraulic
Coolant		Oil mist cooling
Overall size	mm	H=1700 W=1500 L=6650 (include auto feeding lever)
Net weight of machine's body	kg	1500

GKT623 NC oscillating carbide circular saw is mainly used for cutting ferrous and non-ferrous metals. With a carbide circular saw blade for cutting, the machine is enjoyed by high accuracy and high efficiency. The machine can automatically perform a whole cutting cycle that includes of fetching material from the material storage bed, handling the workpiece, the end material and front material after the cutting cycle has finished.

Main features:

- 1、 The imported “throw away” carbide circular saw blade of 2mm thickness allows longer blade life , narrow kerf, material-saving.
- 2、 The imported PLC offers automatic procedure controlling .
- 3、 Stepping motor and ballscrew controlled feeding system to offer  $\pm 0.03$ mm feeding accuracy.
- 4、 High precise and no burr cutting allow 0.20/100mm.straightness, and 3.2mm roughness.
- 5、 The imported oil mist cooling system offers longer blade life and no pollution.
- 6、 High cutting efficiency, To cut No.45 steel of φ40mm diameter,it is only take 4 second.