







Feed down speed control

Bunch cutting



Control Panel

Blade Tension Gauge





Water spary gun for clean

Ball-Screw





Moveable chips tank, easy to clean

YCM-300 CNC Fully Automatic

metal band sawing machine

- A powerful automatic band saw for angular cuts , from 0° to 60° left.
- Angular cuts can be up to 45 degree in the automatic cycle, up to 60 degree in semi-automatic mode.
- Hydraulic system controls at both vices
- Feeder movements on chrome bars, high-precision of the positioning due to the incremental feeding on recirculating ball screw combine industrial servomotor. Automatic calculation of the blade thickness.
- Easy stop at 0 , 45 , 60 Left
- Adjustment of the blade tension from the front side of the saw-frame,
 checked by an tension gauge at Blade tension 1500 kg/cm²
- Blade guides with hard metal pads, additional bearing for blade alignment
- Cast-iron sawframe with tubular section, pulleys 330mm diameter
- Mechanical device (position sensor) that allows the sawframe to lower quickly toward the material and detect automatically the start-cut point
- Tank with coolant electro-pump, hydraulic unit with oil.
- Easy to clean the chips with Moveable chips tank.
- Feeder vise with 300 mm opening, maximum moving length is 500 mm.
- Central control panel with big color touch screen(7")
- The control unit allows for programming of 20 programmers for quick setting of the feed length in repetitive production
- Connection for loading table with 2 vertical rollers









Auto Cut System

Blade Guide With Hard Metal Pad





Control Panel

Blade Tension Gauge





BTS (Bearing Turn System)

Push the handle,fast moving to open the vise





Moveable chips tank, easy to clean

YCM-300SA Semiautomatic metal cutting band saw

- Hydraulic semiautomatic bandsaw, mitre cutting from 0 $^{\circ}$ to 60 $^{\circ}$ left and from 0 $^{\circ}$ to 45 $^{\circ}$ right
- Hydraulic vice with adjustable guides, free to move alongside the work table, with quick motion and clamping.
- Easy stops at 0°, 45°, 60° left and 45° right
- Adjustment of the blade tension from the front side of the saw-frame,
 checked by an tension gauge at Blade tension 1500 kg/cm²
- Blade guides with hard metal pads, additional bearing for blade alignment
- Cast-iron sawframe with tubular section, pulleys 330mm diameter
- Mechanical device (position sensor) that allows the sawframe to lower quickly toward the material and detect automatically the start-cut point
- Connection element for loading table equipped with roller, 300mm wide
- Adjustable bar stop, blade-cleaning brush, bi-metal blade
- Possibility to connect a foot pedal to start the cutting cycle
- Floor stand with removable chip collector tank
- Tank with coolant electro-pump, hydraulic unit with oil.
- Recede from two-support vise to increased cutting capacity to 330mm.
- Join the "BTS" (Bearing Turn System) on the swivel head of machine, could turn the saw-arm by 2 fingers.
- Easy to clean the chips with Moveable chips tank.





YCM-300 Auto Cut Double miter metal cutting band saw

Description:

Auto-cut band saw, Max cutting capacity at 260 mm . miter cutting from 0° to 60° left and 0° to 45° right

- Quick clamping vice, equipped with quick short range sliding device. Max open 300 mm
- Adjustment of the blade tension from the front side of the saw-frame,
 checked by an tension gauge at Blade tension 1500 kg/cm²,
- blade guides with hard metal pads
- Start-button inside the operation handle
- 3-way selector:
- A. Manual cut, B. Fast drop of the saw-frame toward the material,
- C. Automatic cut with adjustable down-feed rate
- Cutting with cooling system
- Recede from two-support vise to increased cutting capacity to 330mm.
- Join the "BTS" (Bearing Turn System) on the swivel head of machine,
 could turn the saw-arm by 2 fingers.
- Easy to clean the chips with Moveable chips tank.

YCM-300 Manual Cut metal cutting band saw

-Manual pull down saw-frame for cutting .



YCM-285C Auto Cut metal cutting band saw

Description:

Auto-cut band saw, Max cutting capacity at 240 mm . miter cutting from 0° to 60° left

- Quick clamping vice, equipped with quick short range sliding device. Max open 275 mm
- Adjustment of the blade tension from the front side of the saw-frame,
 checked by an tension gauge at Blade tension 1500 kg/cm²,
- blade guides with hard metal pads
- Start-button inside the operation handle
- 3-way selector:
- A. Manual cut, B. Fast drop of the saw-frame toward the material,
- C. Automatic cut with adjustable down-feed rate
- Cutting with cooling system

YCM-285 Manual Cut metal cutting band saw

-Manual pull down saw-frame for cutting .





YCM-270C Auto Cut metal cutting band saw

Description:

Auto-cut band saw, Max cutting capacity at 220 mm. miter cutting from 0° to 60° left

- Quick clamping vice, equipped with quick short range sliding device. Max open 270 mm
- Adjustment of the blade tension from the front side of the saw-frame, checked by an tension gauge at Blade tension 1500 kg/cm²,
- blade guides with hard metal pads
- Start-button inside the operation handle
- 3-way selector:
- A. Manual cut, B. Fast drop of the saw-frame toward the material,
- C. Automatic cut with adjustable down-feed rate
- Cutting with cooling system

YCM-270 Manual Cut metal cutting band saw

-Manual pull down saw-frame for cutting .



YCM-210C Auto Cut metal cutting band saw

Description:

Auto-cut band saw, Max cutting capacity at 180 mm . miter cutting from 0° to 60° left

- Quick clamping vice, equipped with quick short range sliding device.
 Max open 210 mm
- Adjustment of the blade tension from the front side of the saw-frame,
 checked by an tension gauge at Blade tension 1500 kg/cm²,
- blade guides with hard metal pads
- Start-button inside the operation handle
- 3-way selector:
- A. Manual cut, B. Fast drop of the saw-frame toward the material,
- C. Automatic cut with adjustable down-feed rate
- Motor available in single phase DC- motor with variable speed or three phase AC-motor with 2 speed
- Cutting with cooling system

YCM-210 Manual Cut metal cutting band saw

-Manual pull down saw-frame for cutting .



185 180 200×150

110×90

70×70

90

70

110

70



YCM-210ECO metal cutting band saw

- Manual pull down cutting machine , Max cutting capacity at 170 mm . miter cutting from 0° to 60° left
- Max Vice open 175 mm
- Adjustment of the blade tension from the front side of the saw-frame
- Steady and sturdy aluminum saw-frame, pulleys with 235mm diameter
- Start-button inside the operation handle
- Motor available in single phase DC- motor with variable speed by 1650w
- →Complete cast iron base. Machine Weight 148 kg
- Cutting with cooling system
- Two protectors (one controlling amps other controlling temperature of the motor)
- →Anti-reset safety function.



YCM-170

Portable band saw

Description:

Manual pull down cutting machine ,Max cutting capacity at 170 mm. miter cutting from 0° to 60° left

- Max Vice open 175 mm
- Adjustment of the blade tension from the front side of the saw-frame
- Steady and sturdy aluminum saw-frame, pulleys with 235mm diameter by cast iron
- Start-button inside the operation handle
- Motor available in single phase DC- motor with variable cutting speed by 1650W
- Cut without lubrication.
- Two protectors (one controlling amps other controlling temperature of the motor)
- →Anti-reset safety function.
- →Steady and sturdy aluminum base.
- Weight 35kg





YCM-150VW

metal cutting band saw

Description:

Manual pull down cutting machine , Max cutting capacity at 150 mm . miter cutting from 0° to 60° left

- Max Vice open 175 mm
- Adjustment of the blade tension from the front side of the saw-frame
- Steady and sturdy aluminum saw-frame, pulleys with 200mm diameter by cast iron
- Start-button inside the operation handle
- Motor available in single phase DC- motor with variable cutting speed by 1500W
- Include the cooling system for cutting and machine stand .
- Two protectors (one controlling amps other controlling temperature of the motor)
- →Anti-reset safety function.
- →Complete cast iron base. Machine Weight 108 kg



YCM-150NV

Portable band saw

Description:

Manual pull down cutting machine , Max cutting capacity at 150 \mbox{mm} .

miter cutting from 0° to 60° left

- Max Vice open 175 mm
- Adjustment of the blade tension from the front side of the saw-frame
- Steady and sturdy aluminum saw-frame, pulleys with 200mm diameter by cast iron
- Start-button inside the operation handle
- Motor available in single phase DC- motor with variable cutting speed by 1500W
- Cut without lubrication.
- Two protectors (one controlling amps other controlling temperature of the motor)
- →Anti-reset safety function.
- →Steady and sturdy aluminum base.
- Weight 30 kg







YCM-100 , YCM-125 Portable band saw

Description:

Manual pull down cutting machine , miter cutting from $0^{\circ}\sim45^{\circ}$ left (YCM-100) $0^{\circ}\sim60^{\circ}$ left (YCM-125)

- Max Vice open 100mm (YCM-100) 130 mm (YCM-125)
- Adjustment of the blade tension from the front side of the saw-frame
- Steady and sturdy aluminum saw-frame,
- pulleys with 160 mm diameter by cast iron
- Start-button inside the operation handle
- Motor available in single phase DC- motor with variable cutting speed .
- Cut without lubrication.
- Two protectors (one controlling amps other controlling temperature of the motor)
- \rightarrow Anti-reset safety function.
- →Steady and sturdy pressed steel base.
- Machine Weight 19kg (YCM-100) 20kg (YCM-125)



YCM-100	0		(mm)
90° 🛱	105	100	100 x 100
45° li.	65	65	60 x 65

YCM-125	0		(mm)
90° 🗀	125	125	130 x 125
45° li.	80	80	80 x 80
60° li.	50	50	50 x 50

Super cut 235 cold saw

Description:

- This model , which is for hobbyists ,
- each half is built in ALU, and in CAST IRON.
- Small portable sawing machine easy to carry by hand ,only 20kg
- Cut from 0 degree to 45 degree left , Max cutting capacity at 67mm
- Variable cutting speed From 35 rpm up to 85 rpm by single -phase 1500W DC-motor
- Two protectors (one controlling amps other controlling temperature of the motor)
- Anti-reset safety function.
- Start-button inside the operation handle . Cutting with cooling system

Super Cut 235 cold saw (PATENT)

Super C	ut 235		0		(mm)	
90°	中	30	60	60x60	60x60	
45° li.	\triangle	25	60	60x60	60x60	







Model	BS-250SSV Semi-Auto metal cutting band saw
Capacity	90° • 260mm ■ 260mm — 420 x 180mm
	45° ◆ 260mm ■ 260mm — 295 x 260mm
Blade size	27 x 0.9 x 3430 (mm)
Blade speed	25 ~ 75 MPM
Blade motor	3Phase 2HP
Packing size	1940 x 750 x 1190 mm (L x W x H)
N.W/G.W	460 kgs/520 kgs
Container loads	18 units/20' \ 36 units/40'



BS-300SSV

Model	BS-300SV Semi-Auto metal cutting band saw
Capacity	90° • 300mm = 300mm — 470 x 230mm
	45° • 300mm ■ 300mm — 380 x 300mm
Blade size	27 x 0.9 x 3960 (mm)
Blade speed	27 ~ 112 MPM
Blade motor	3Phase 2HP
Packing size	2230 x 820 x 1350 mm (L x W x H)
N.W/G.W	520 kgs/600 kgs
Container loads	7 units/20' \ 14 units/40'







Alu-400 400mm disc saw for aluminum

- Alu-400 is machine designed for cutting of profiled and in less common also full material form aluminum alloys ,and hard plastics
- Angel cuts by manual turning for both sided in the angle from 60°-0°- 90°.
- Saw is by default equipped with two vertical and horizontal clamping cylinder.

Alu-400	0		(mm)
90° 📖	110	100x160	60x200
45° li.	100	100x100	60x140
60° li.	100	100x100	60x140



Alu-350 350mm disc saw for aluminum

- Alu-350 is machine designed for cutting of profiled and in less common also full material form aluminum alloys ,and hard plastics
- Angel cuts by manual turning for both sided in the angle from 45°- 0°- 45°, also the possibility to tilt the head to 45° left
- Saw is by default equipped with two horizontal clamping cylinder.

Alu-350	0		(mm)
90° [100	100	100x195
45° li.	100	100	100x135
60° li.	100	100	100x135







HZ-150 / HZ-250 hand press

Description:

- Hand press design with the adjustment of the height by crank
- Precisely working height by simply loosening the clamping screws , and adjust the press head by crank.
- The power is transmitted through the rack design.
- The rack system design bring the high pressure service.
- Lever easy to use arranged return by torque spring
- Spindle hardened and grounded bring unlimited life time

	HZ-150	HZ-250
Compressive force (kN)	1.5	2.5
Stroke (mm)	40	45
Working height (mm)	75-170	80-220
Spindle diameter (mm)	20	20
Spindle bore (mm)	10H7	10H7
Reach (mm)	70	90
Table area (mm)	115 x 70	120 x 160
Height of the stand (mm)	310	410
Area (mm)	115 x 175	160 x 230
G.W. (kgs)	9.5	22



HZ-250

HK-500/ HK-800 hand press

Description:

- Hand press design with the adjustment of the height by crank
- Precisely working height by simply loosening the clamping screws , and adjust the press head by crank.
- The power is transmitted through the toggle block.
- The toggle block system design bring the high pressure service.
- Lever easy to use arranged return by spring

	HK-500	HZ-800
Compressive force (kN)	5.0	8.0
Stroke (mm)	40	44
Working height (mm)	60-150	50-200
Spindle diameter (mm)	20	24
Spindle bore (mm)	10H7	10H7
Reach (mm)	73	90
Table area (mm)	115 x 175	120 x 160
Height of the stand (mm)	310	410
Area (mm)	115 x 175	160 x 230
G.W. (kgs)	10	22



HK-800





DC-200 200mm Bench type deburring brush clean machine

Description:

- DC-200 is the powerful machine designed to remove the swarf with bench type.
- For cleaning the material, machine used special brush disc that is mounted to shaft axis in closed area.
- Material is pushed to the disc via side hole and is beard on the table.
- By fluent turning of material you can achieve even removal of swarf.
- Powerful industrial motor with 3 phase , 2 speeds

Deburring 90 90 90



DC-250 250mm Pedestal type deburring brush clean machine

Description:

DC-250 is the powerful machine designed to remove the swarf with pedestal bench type.

- For cleaning the material, machine used special brush disc that is mounted to shaft axis in closed area.
- Material is pushed to the disc via side hole and is beard on the table.
- By fluent turning of material you can achieve even removal of swarf.
- Powerful industrial motor with 3 phase , 2 speeds
- Dust that comes up when deburring is falling to the drawer placed in the bottom part of pedestal.

Deburring Capacity 100 100

DC-250







GS-4481 100mm

belt sander machine

- • Sanding belt tension manually adjustable
- Powerful motor with 750W ,suit for work shop
- Equipped with standard suction at the spark arrestor box
- Faster belt change its case of operation
- Optional machine stand
- With 100 x 1220 mm belt



Accessories :

15086 Machine Stand

service to YCM-085

YCM-125

YCM-150NV

YCM-170

Super Cut -225

MMS Moveable Machine Stand

- -Foldable for easy handling .Only 10 KG , easy to carry by hand
- -Height adjustable in three positions
- -Sturdy steel section structure.
- Maximum versatility application.
- Safety system against accidental locking

service to YCM-085

YCM-125

YCM-150NV

Super Cut -225

CM-150.210.270

CM-270 service to YCM-285, YCM-270

CM-210 service to YCM-210

CM-150 service to 15086

M15086 Machine Stand



CM-270,210,150



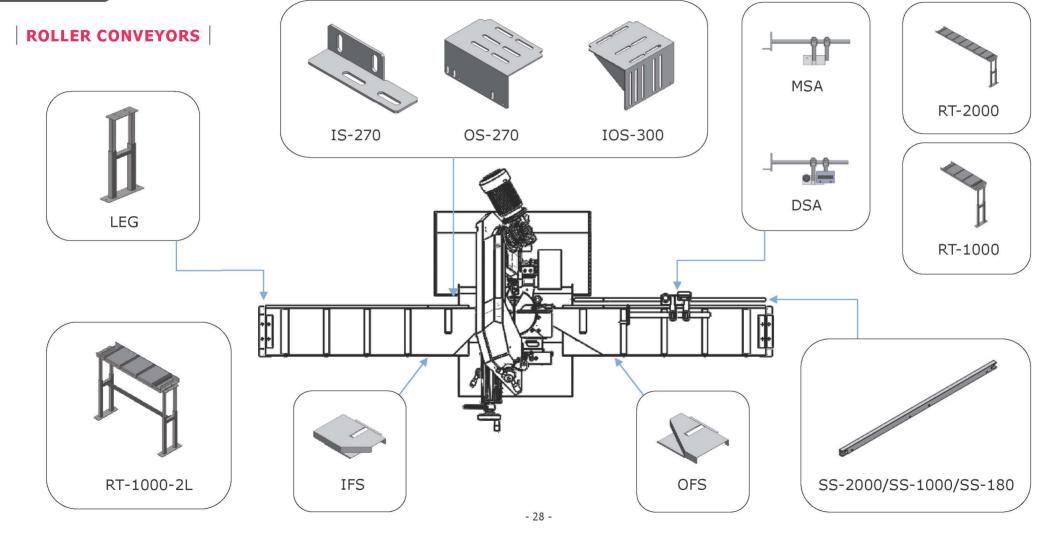
MMS machine stand











Item Number	Describe	Note
RT-2000	2 meter table with 8 pcs of Ø 50 x 300 mm Roller and 7 pcs insert plate , Capacity 200 kg / m.	
RT-1000	1 meter table with 4 pcs of Ø 50 x 300 mm Roller and 3 pcs insert plate , Capacity 200 kg / m.	
SS-2000	2 Meter Sliding steel bar	
SS-1000	1 Meter Sliding steel bar	
SS-180	Extend Sliding steel bar for out of conveyors	
SS-connect	Steel for connect the Sliding bar	
IS-270	Support plate service to YCM-210/270/285 at In-feed roller conveyors	
OS-270	Support plate service to YCM-210/270/285 at Out-feed roller conveyors	
IOS-300	Support plate service to YCM-285plus/300 at In & Out- feed roller conveyors	
MSA	Manual length stops ALU carriage with tape measure, track and mounting kit. Stable design with a double swing.	
	Runner 4-fold ball bearing with high holding force Measuring length either from 1,000 mm to 5,000 mm	
DSA	Manual length stops with digital readout. Robust design with a double swing. Runner 4-fold ball bearing	
	with high holding force Positioning accuracy \pm 0.10 mm / m Measuring length either from 1,000 mm to 6,000 mm	
IFS	The connection segments are inserted between the In-feed conveyer and the band saw, It has equipped with roller.	
	So that it is possible to lead material to the loading area of vice.	
OFS	The connection segments are inserted between the out-feed conveyer and the band saw, It has equipped with roller.	
	So that it is possible to lead material to the loading area of vice.	
RT-1000-2L	1meter table with 2 legs and connect support	
		



SPECIFICATION

Items	YCM-100	YCM-125	YCM-150NV	YCM-150VW	YCM-170	YCM-210 Eco	YCM-210	YCM-270	YCM-285
Motor	DC-850w	DC-1010w	DC-1500w	DC-1500w	DC-1650w	DC-1650w	AC-Motor: 3 phase ,1hp DC-Motor: 2000w	AC-Motor: 3 phase ,1.5hp	AC-Motor: 3 phase ,1.5hp
Blade Speed	30 ~ 80 mpm	30 ~ 80 mpm	30 ~ 80 mpm	AC-Motor: 35+70 mpm DC-Motor: 30~75 mpm	35+70 mpm	35+70 mpm			
Blade Size	1330 x 13 x 0.65 mm	1440 x 13 x 0.65 mm	1735 x 13 x 0.9 mm	1735 x 13 x 0.9 mm	2030 x 20 x 0.9 mm	2030 x 20 x 0.9 mm	2085 x 20 x 0.9 mm	2455 x 27 x 0.9 mm	2730 x 27 x 0.9 mm
Cooling	NA	NA	NA	YES	NA	YES	YES	YES	YES
Dimension	650 x 310 x 450 mm	650 x 310 x 450 mm	1000 x 430 x 495 mm	1000 x 430 x 1480 mm	1120 x 430 x 525 mm	1120 x 430 x 1480 mm	1280 x 550 x 1480 mm	1350 x 715 x 1480 mm	1350 x 715 x 1480 mm
N.W./G.W.	18 / 19 kgs	19 / 21 kgs	30 / 32 kgs	108 / 120 kgs	35 / 38 kgs	138 / 145 kgs	190 / 215 kgs	250 / 280 kgs	260 / 290 kgs
Packing	724 x 375 x 446 mm	724 x 375 x 446 mm	964 x 457 x 555 mm	Machine: 964x457x565 Stand: 735x505x156	1000 x 457 x 555 mm	Machine: 1010 x 635 x 780 Stand: 735x505x156mm	1155 x 680 x 920 mm	1385 x 745 x 935 mm	1385 x 745 x 935 mm
20' load	240 sets	240 sets	120sets	100sets	100sets	80sets	32sets	24sets	24sets

Noted : AC- motor with **three phase** ... DC-motor with **single phase**

SPECIFICATION

Items	YCM-300	YCM-300CNC	SUPER CUT 235	ALU-350	ALU-400	DC-200	DC-250	GS-4481
Motor	AC-Motor: 3 phase ,1.6hp	AC-Motor: 3 phase ,1.6hp With Inverter control	DC-1500w	AC-Motor: 3 phase ,2hp	AC-Motor: 3 phase ,2hp	AC-Motor: 3 phase ,2hp	AC-Motor: 3 phase ,2hp	AC-Motor : 1hp
Blade Speed	37+76 mpm	25~85 mpm	30~80 rpm	2800 rpm	2800 rpm	1400+2800 rpm	1400+2800 rpm	2800 rpm
Blade Size	2965 x 27 x 0.9 mm	2965 x 27 x 0.9 mm	235 x 5 x 32 mm	350 x 30 mm	400 x 30 mm	brush size 200 x 35 mm	brush size 250 x 45 mm	belt size 100 x 1220 mm
Cooling	YES	YES	YES	YES	YES	NA	NA	NA
Dimension	1550 x 800 x 1480 mm	2800 x 1800 x 1800 mm	450 x 340 x 850 mm	700 x 700 x 1400 mm	640 x 780 x 1250 mm	370 x 310 x 370 mm	450 x 500 x 1300 mm	630 x 390 x 270 mm
N.W./G.W.	310 / 340 kgs	580 / 650 kgs	20 / 21 kgs	90 / 100 kgs	120 / 145 kgs	25 / 28 kgs	60 / 75 kgs	27 / 33 kgs
Packing	1580 x 760 x 1700 mm	1800 x 1300 x 1600 mm	478 x 364 x 403 mm	660 x 900 x 1500 mm	600 x 800 x 1400 mm	390 x 310 x 390 mm	470 x 520 x 1400mm	525 x 335 x 295mm
20' load	12sets	4sets	400sets	30sets	40sets	600sets	800sets	500sets

Items	MMS	CM-270	CM-210	CM-150	15086	HZ-150	HZ-250	HK-500	HK-800
Packing (mm)	1185x106x448	940x100x690	740x100x640	560x100x460	735x505x156	120x190x380	170x240x500	125x190x380	170x240x500
N.W./G.W.	9.5/10.5 kgs	12/14 kgs	11/13kgs	6/8kgs	21/22kgs	10/12kgs	22/24kgs	10/12kgs	22/24kgs

YC///

Yuan Jun Industry Co., Ltd
NO. 98-20, Cingguang Rd., Wurih Dist,
Taichung City 414, Taiwan (R.O.C.)
TEL: 886-4-2335-8966 FAX: 886-4-2335-8967
E-MAIL: sawing.machine@msa.hinet.net
http://www.sawingmachine.com.tw

專業•品質•服務

Prefessional Quality Service



The machine provide with variable cutting speed .
Good to cut any kind of material .
Cut without lubrication. Easy to carry by hand

