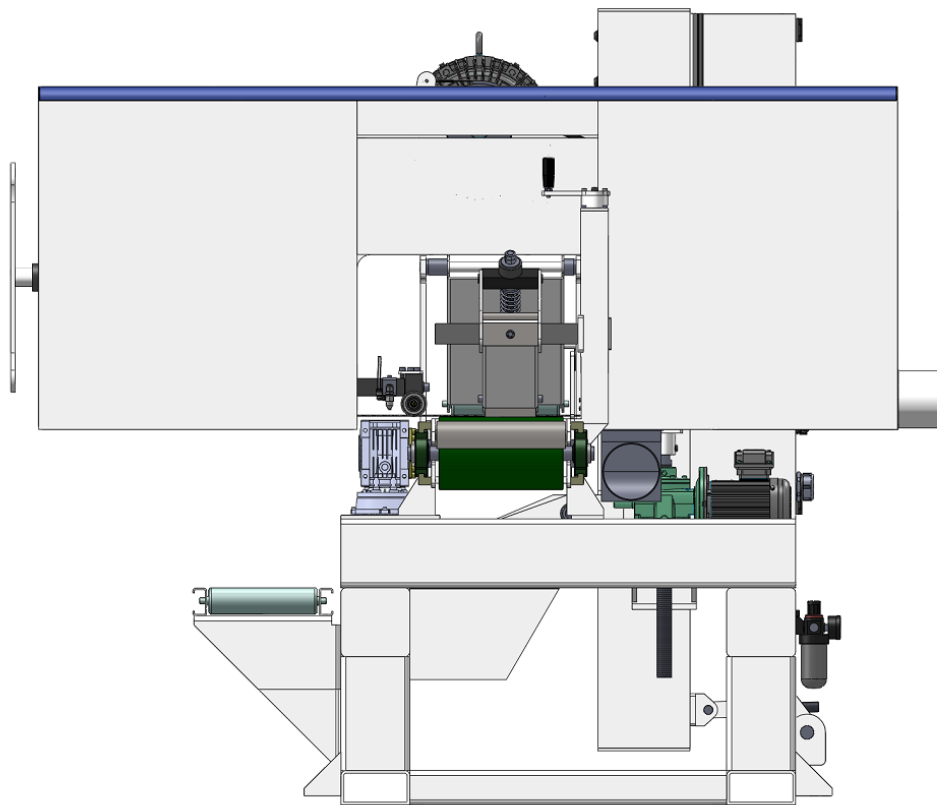


OPERATION MANUAL AND PARTS LIST

HBS300

HORIZONTAL BAND RESAW



WARNING : 1.Read this operation manual carefully before operation
2.Keep this manual for future reference

GENERAL SAFETY RULES FOR WOODWORKING MACHINERY

1. Know your machine. Read this operation manual carefully. Learn the machine applications and limitations, as well as the specific potential hazard peculiar to it.
2. Keep the guards in place and in working order.
3. The machine must be properly grounded to prevent electrical shocks.
4. Keep the work area clean. Cluttered areas invite accidents.
5. Don't use in a dangerous environment. Don't use the machine in a damp or wet locations, or expose it to rain. Keep the work area well-lit.
6. Keep children and visitors away. All children and visitors should be kept a safe distance from the work area.
7. Wear proper apparel. No loose clothing, gloves, neckties, rings, bracelets or other jewelry to get caught in moving parts. Non-slip wear is recommended. Wear protective hair covering to contain long hair.
8. Use safety glasses. Everyday eyeglasses only have impact-resistant lenses. They are not safety glasses.
9. Hold work securely.
10. Don't over-reach.
11. Disconnect the machine from before servicing and when changing accessories such as the blade, etc.
12. Avoid accidental starting. Make sure the switch is at the OFF position before plugging in power wires.
13. Never leave the machine running unattended. Turn off the power.
14. Never have any part of your body in line with the path of blade.

ADDITIONAL SAFETY RULES FOR BAND RESAW

1. Make sure all guards are in place before starting the machine.
2. The band resaw is designed for cutting wood material only. Do not apply this machine for cutting metal.
3. Always keep blade teeth sharp.
4. Disconnect the machine from power source before servicing.
5. Check the wood material to be sure that it is free of defect.
6. Never try to remove small pieces of material from the conveyor belt when the machine is operating.
7. Make sure blade has proper tension. Too much tension may cause blade to break.
8. Do not back out of a cut during cutting as this will pull the blade off the wheels.
9. Wear gloves when handling the blade.

MACHINE SPECIFICATIONS

MODEL	HBS300
Maximum cutting capacity	300x300mm
Distance from blade to feed conveyor	3~300mm
Saw wheel diameter	24 inches (600mm)
Sawblade length	4260mm
Sawblade width	1" - 1 1/2" (27-38mm)
Conveyor belt sizes (W*L)	10-5/8"*165-1/2"(270*4200mm)
Feed speed (variable)	0~25m/min
Band saw tilt	0~12 degrees
Conveyor height from floor	33-2/3 inches(855mm)
Saw wheel motor	20HP
Blade lift motor	0.25HP
Feed drive motor	1HP with inverter
Dust hood outlet diameter	Dia.5"x2
Machine dimensions (L*W*H)	2110*1950*1950mm
Packing dimensions (L*W*H)	2300*1950*2000mm
Net weight	1360kg

STANDARD EQUIPMENT

- 20HP SAW WHEEL MOTOR
- BLADE LIFT DIGITAL CONTROL
- FREQUENCY INVERTER CONTROLLED CONVEYOR FEED
- BAND SAW TILT 0-12 DEGREES
- 1-1/2" SAWBLADE
- TOOL BOX WITH SERVICE TOOLS
- OIL MIST BLADE COOLING SYSTEM

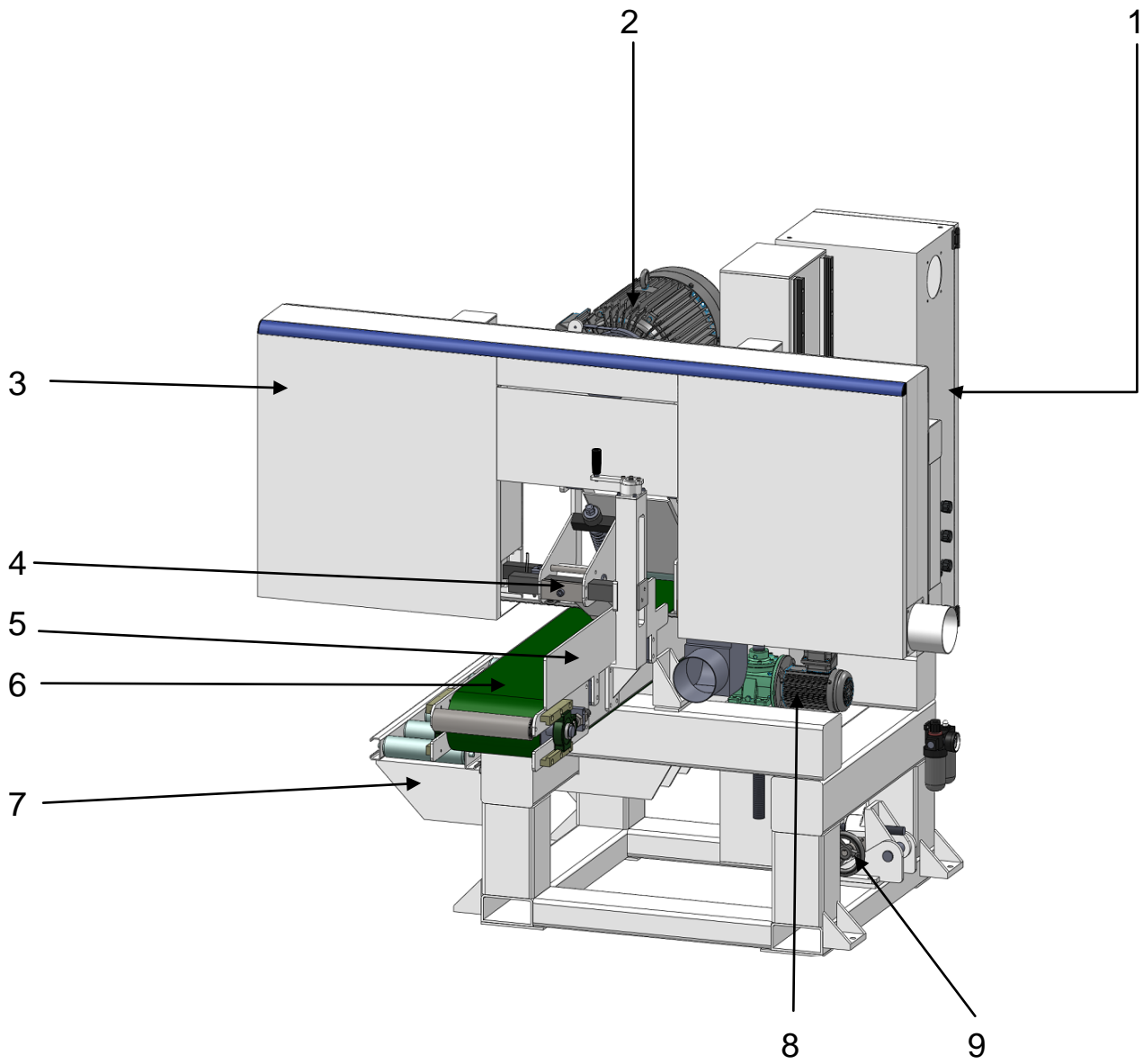
OPTIONAL EQUIPMENT

- T.C.T. SAWBLADE

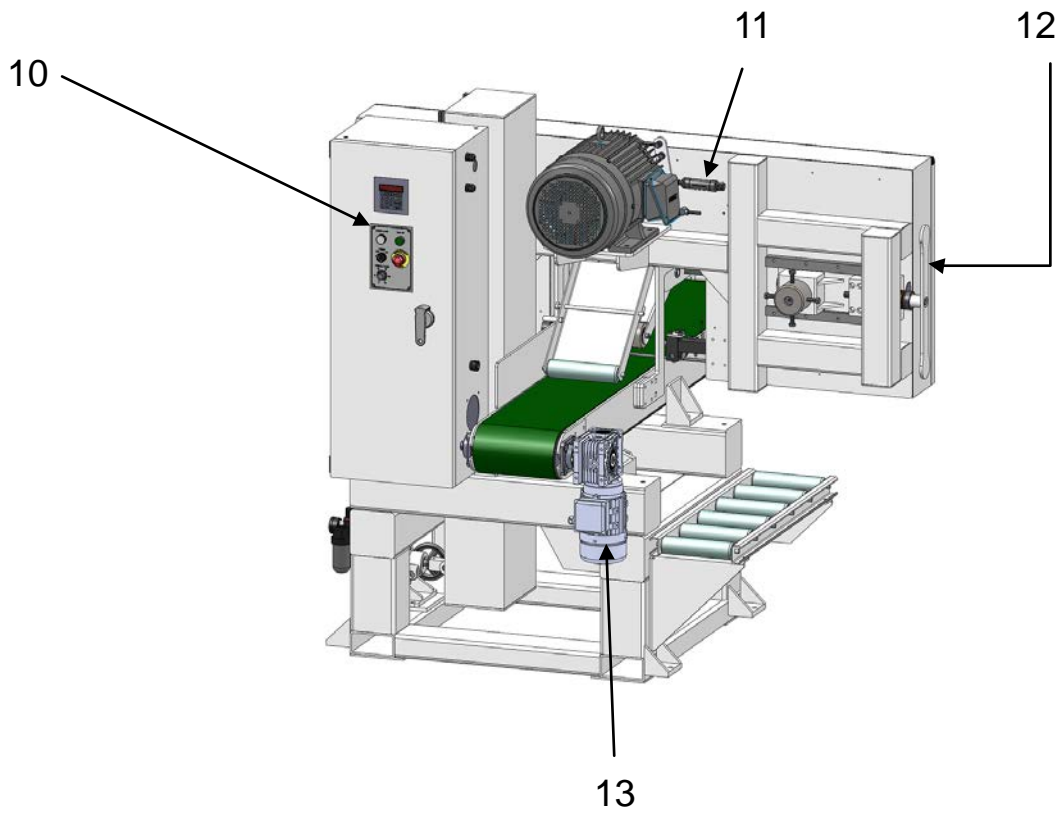
LEGEND OF THE MACHINE

1. ELECTRIC CONTROL BOX
2. SAW WHEEL DRIVE MOTOR
3. BAND SAW DOOR
4. INFEEED PRESSURE ROLLER
5. FENCE
6. CONVEYOR BELT
7. RETURN ROLLER
8. BLADE ELEVATION DRIVE MOTOR
9. BAND SAW TILT HANDWHEEL
10. ELECTRIC CINTROL PANEL
11. SAW WHEEL BRAKE
12. BLADE TENSION HANDLE
13. FEEDING MOTOR WITH WORM GEAR SPEED REDUCER

LEGEND OF THE MACHINE



LEGEND OF THE MACHINE



UNPACKING THE MACHINE

Remove the machine from the wooden crate carefully, and ensure that all parts are present and free from damage. If any parts are missing or damaged, contact your local distributor or the machine manufacturer immediately. Do not attempt to assemble or operate the machine without all parts present and in working.

CLEANING THE MACHINE

Once the machine has been unpacked, then remove the rust preventative oil that coats the machine with a cloth soaked in kerosene. Do not use gasoline or lacquer thinner to remove the rust preventative oil, as this can damage the painted parts of the machine.

INSTALLING THE MACHINE

Once the machine has been well placed at a proper work site, it is requested to make the machine leveling adjustment.

The four leveling screws located at the 4 corners are used for adjusting the machine leveling. Turn these 4 leveling screws until the proper machine leveling.

LUBRICANTION

Please replacement lubricant after first 300 hours operation and do the same for every 2500 hrs. Proper lubricant can sufficient support worm set contact surface lubrication. Ensure long life running and better efficiency for heavy duty and impact application.

Type of oil:

SPINDLE OIL K5035 (ISO VG5)

Oil for gear reducer:

LOAD	AMBIENT TEMP	CPC-HD	SHELL OIL - Omala oil	MOBLE OIL -Mobil gear	ESSO OIL -Spartan EP
NORMAL LOAD	-20°C~10°C	HD-150	R150	629	150
	-0°C~25°C	HD-220	R220	630	220
	10°C~40°C	HD-320	R320	632	320
	40°C~65°C	HD-460	R460	634	460
HEAVY LOAD	-0°C~25°C	HD-320	R320	632	320
	10°C~40°C	HD-460	R460	634	460
	40°C~65°C	HD-680	R680	636	680

CONNECT POWER WIRES

Before connecting this machine to your factory power source, be sure that your power source voltage, hertz, and phase are all the same characteristics as that of the machine.

For personal safety, this machine must be properly grounded.

Connect the power wires to the "R.S.T." terminals, located in the electric control box.

After the power wires are connected, you must check the running direction of the conveyor belt to determine if the wiring is correct or not.

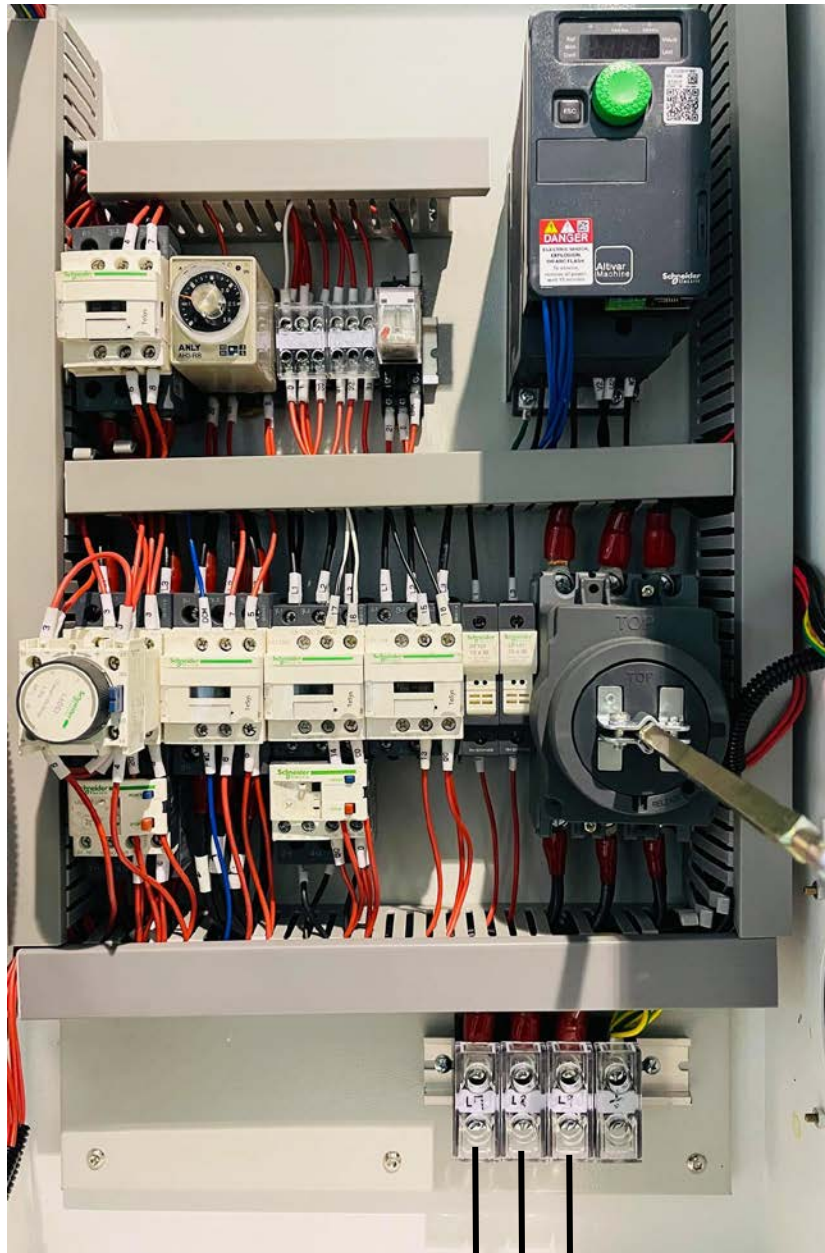
If the conveyor belt runs to the opposite direction, then you need to change any two of the three input power.



WARNING

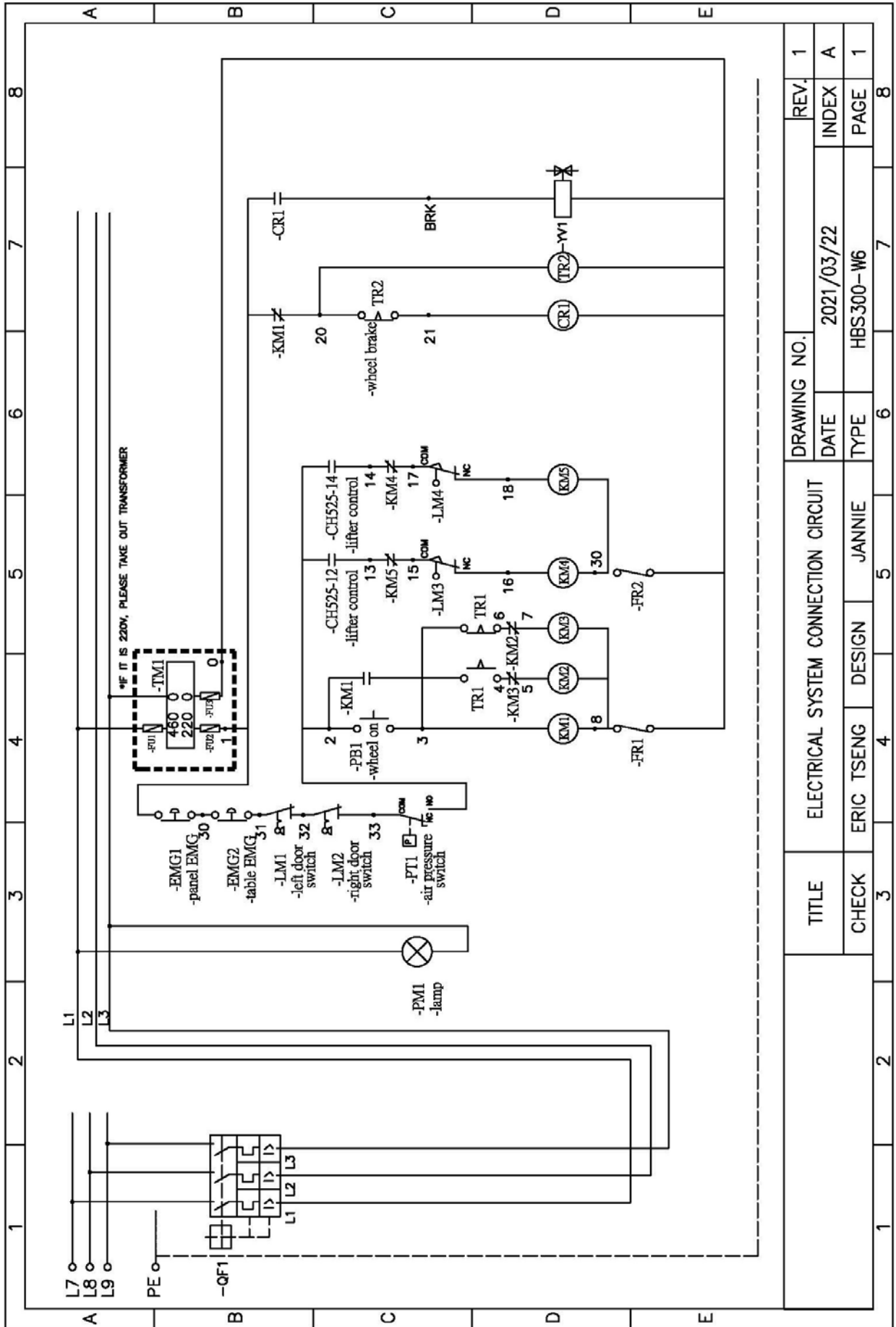
Disconnect the machine from the power source before making wire connection.

CONNECT POWER WIRES

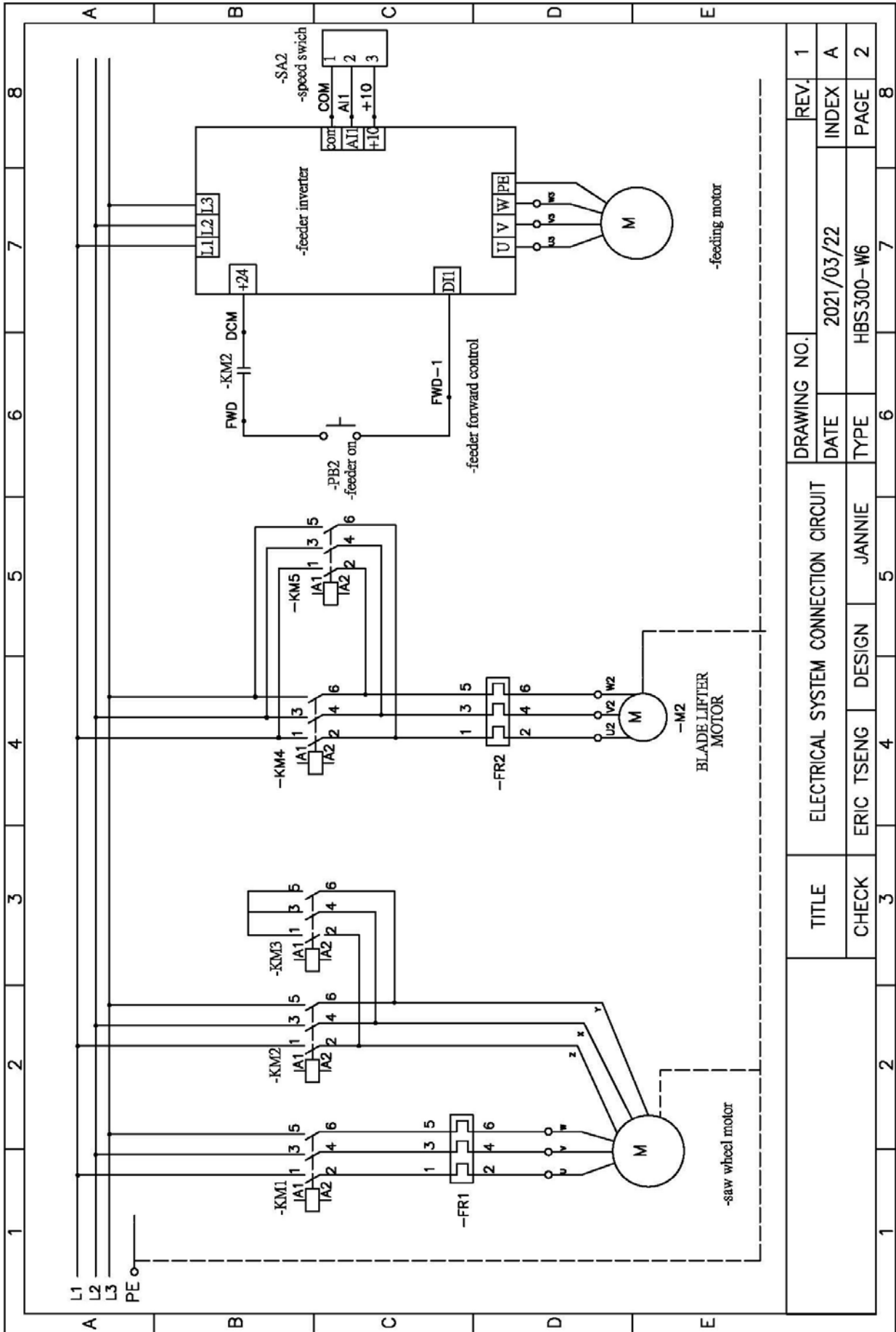


R S T

TO POWER SOURCE



DRAWING NO.		REV. 1	
DATE		INDEX A	
TYPE		PAGE 1	
TITLE		DRAWING NO.	
CHECK		DATE	
DESIGN		TYPE	
DESIGN		HBS300-W6	
DESIGN		6	
DESIGN		7	
DESIGN		8	



DRAWING NO.		REV.	1
DATE		INDEX	A
TYPE		PAGE	2
DESIGN		8	
JANNIE		7	
ERIC TSENG		6	
CHECK		5	
TITLE		4	
ELECTRICAL SYSTEM CONNECTION CIRCUIT		3	
HBS300-W6		2	

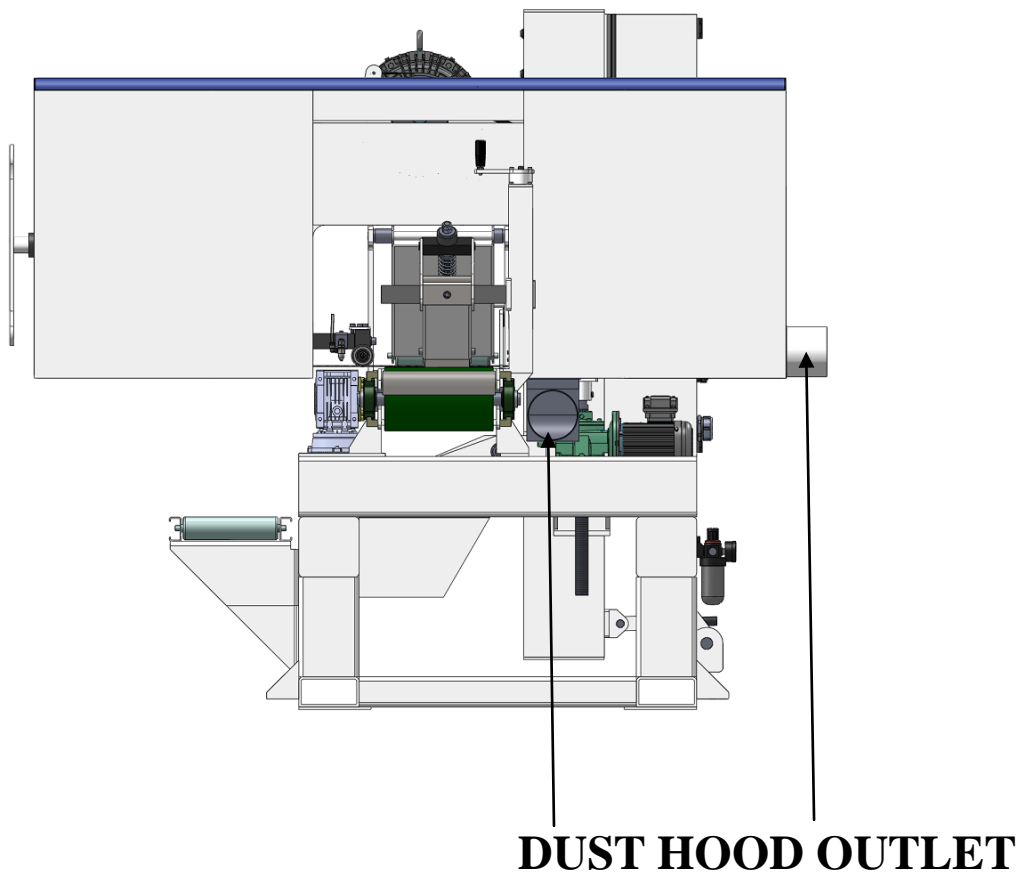
FOR AC230		
designation	type number	quantity reference
Main Control Panel		
EOTEK controller	CH525	1 CH525
SPEED SWITCH	VR2K/RV24YN-20S-2K B202+RN99D	1 SA2
SCHNEIDER-select switch	ZB4 BD2-ZB4 BZ101	1 PB2
SCHNEIDER-push button-1a/lamp(ac220)	ZB4 BW333-ZB4 BW0M31	1 PB1
SCHNEIDER-lamp-ac220	ZB4 BV013-ZB4 BVM1	1 PM1
SCHNEIDER-EMG stop-1b	ZB4BS844-ZB4 BZ102	1 EMG1
Electric Cabinet		
TE-main power-switch(100A)	EZC100F 3100	1 QF1
TE-main power-switch handle	EZA ROTE	1 QF1
TE-magnetic contactor-ac220-32a	LC1D32M7	3 KM1-1~KM1-3
TE-motor protector-23-32A	LR3D32	1 FR1
TE-TIMMER	LADS2	1 TR1
ANY TIMMER	AH3-RB	1 TR2
TE-conveyor inveter(220V)	ATV320U-07M3C-1HP/220V	1 INV1(main power 220v)
TE-FUSE base	DF101	3 FUI~FU3
ETN-fuse	FWC-6A10F	3 FUI~FU3
OMRON-relay base	PYF08A-E	1 CR1
OMRON-relay	MY2N-GS-AC220	1 CR1
TE-magnetic contactor-ac220-9a	LC1D09M7	2 KM4/KM5
TE-motor protector-1-1.6a	LR3D06	1 FR2
TE-contactor interlock-1	LAD9V2	1 KM4/KM5
TE-contactor interlock-2	LAD9V6	1 KM4/KM5
External		
SCHNEIDER-EMG stop-1b	ZB4BS844-ZB4 BZ102	1 EMG2

designation	type number	quantity	reference
FOR AC460			
Main Control Panel			
ETEK controller	CH525	1	CH525
SPEED SWITCH	VR2K/RV24YN-20S-2K B202+RN99D	1	SA2
SCHNEIDER-select switch	ZB4 BD2-ZB4 BZ101	1	PB2
SCHNEIDER-push button-1a/lamp(ac220)	ZB4 BW333-ZB4 BW0M31	1	PB1
SCHNEIDER-lamp-ac220	ZB4 BV013-ZB4 BVM1	1	PM1
SCHNEIDER-EMG stop-1b	ZB4BS844-ZB4 BZ102	1	EMG1
Electric Cabinet			
LCB-transformal	330VA	1	TM1
TE-main power-switch(100A)	EZC100F 3100	1	QF1
TE-main power-switch handle	EZA ROTE	1	QF1
TE-magnetic contactor-ac220-32a	LC1D32M7	3	KM1-1~KM1-3
TE-motor protector-16-24A	LR3D22	1	FR1
TE-conveyor inveter	ATV320U-07N4C-1HP/380V	1	INV1
TE-TIMMER	LADS2	1	TR1
ANY TIMMER	AH3-RB	1	TR2
TE-FUSE base	DF101	3	FU1~FU3
ETN-fuse	FWC-6A10F	3	FU1~FU3
OMRON-relay base	PYF08A-E	1	CR1
OMRON-relay	MY2N-GS-DC24	1	CR1
TE-magnetic contactor-ac220-9a	LC1D09M7	2	KM4/KM5
TE-motor protector-1-1.6a	LR3D06	1	FR2
TE-contactor interlock-1	LAD9V2	1	KM4/KM5
TE-contactor interlock-2	LAD9V6	1	KM4/KM5
External			
SCHNEIDER-EMG stop-1b	ZB4BS844-ZB4 BZ102	1	EMG2

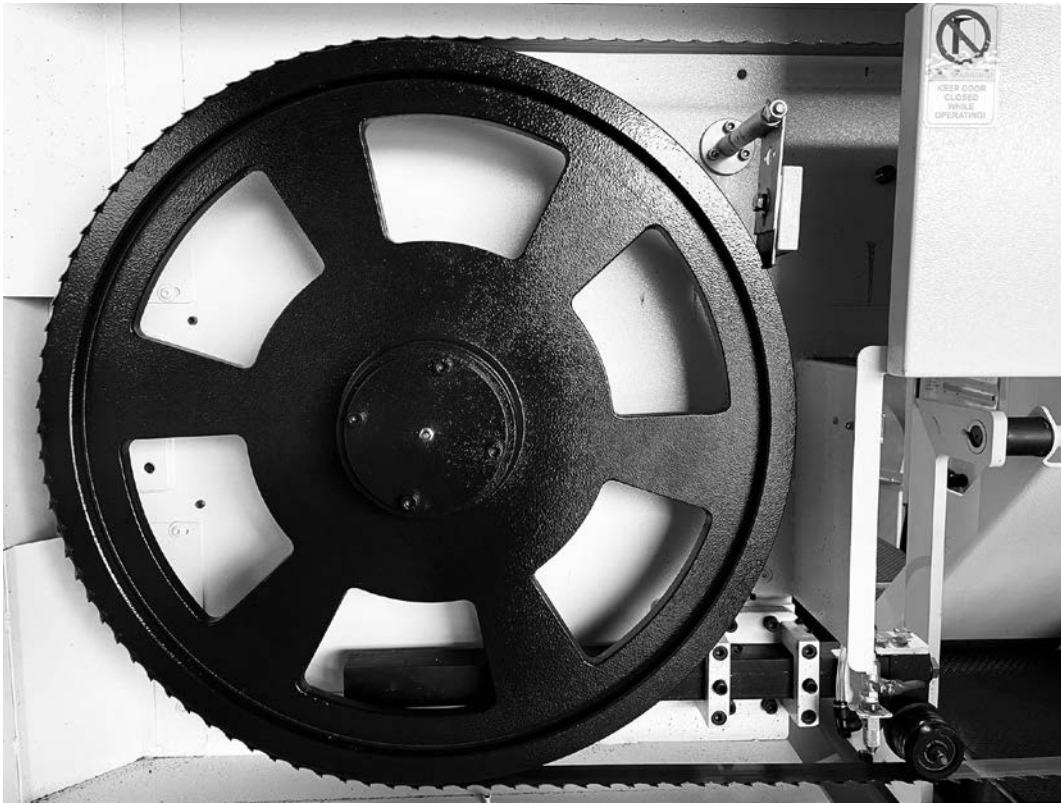
CONNECT DUST COLLECTION SYSTEM

This machine is equipped with a dust hood outlet. Located at right side of the machine. Apply an appropriate size of flexible hose to connect the dust hood outlet to a dust collection system. This outlet is 5" in diameter.

Be sure to start running the dust collection system before operating the band resaw.

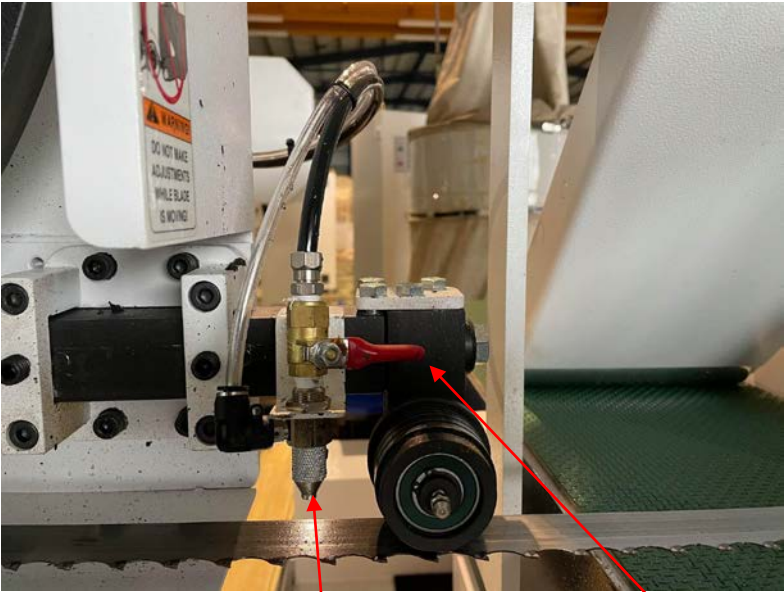


SAW WHEEL MAINTENANCE



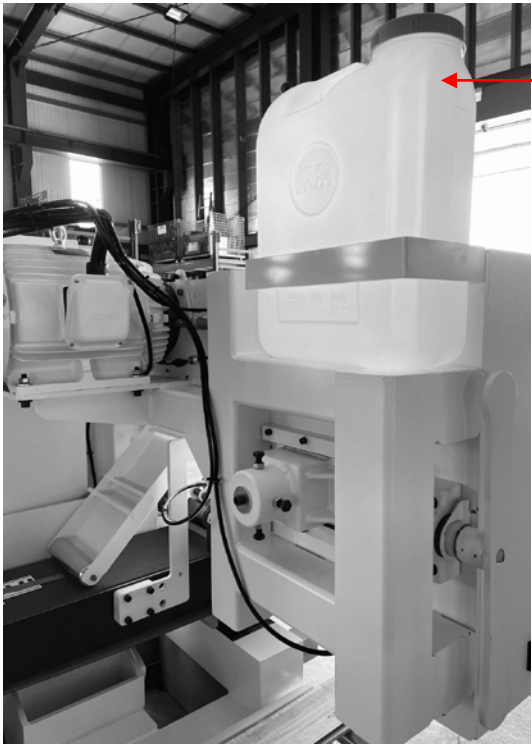
- 1) Before producing goods, Please check the sound of wheels with running the machine.
- 2) Please add grease when the sound of wheel is loud until the sound is normal.
- 3) Do not add too much grease to cause the bearings being over hot.
- 4) Grease suggestion "SKF LGMT2".

BLADE COOLING SYSTEM



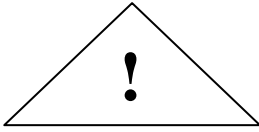
SPRAYER

HANDLE FOR ADJUST OIL



OIL TANK FOR BLADE COLLING SYSTEM

OPENING WHEEL FRONT GUARD



WARNING!!

Don't open the wheel guard immediately after the blade stop switch or the emergency stop switch is pressed. Wait until the saw blade has come to a complete stop before opening the guard.



Unlock the lock on both side of front guard.

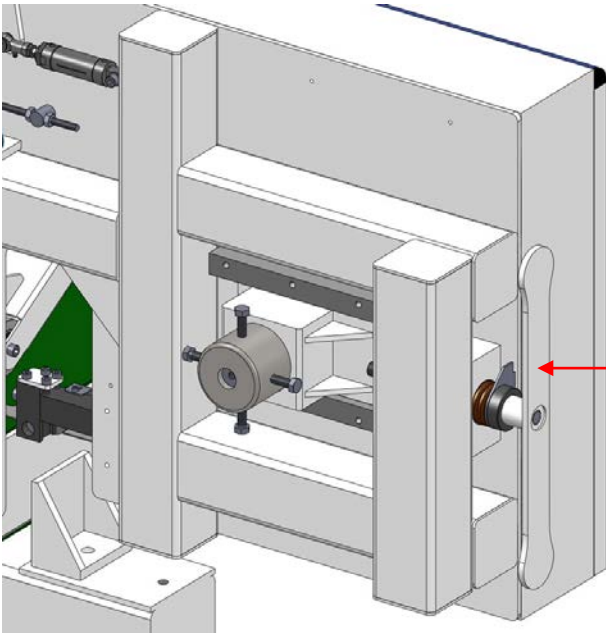


INSTALLING THE BLADE

1. Open the wheel front guard and rest it firmly at the two side of the machine.
2. Uncoil the blade.
3. Place the blade over the wheel and insert it into the gap of the blade guides.
4. When installing the blade, be sure the teeth pointing toward the running direction of the wheels.
5. Make sure the blade is between the blade guides and is in the center of wheel rim.
6. Turn the blade tracking hand wheel for adjusting blade tracking on the wheels.
7. It is necessary to make blade tension adjustment after installing the blade

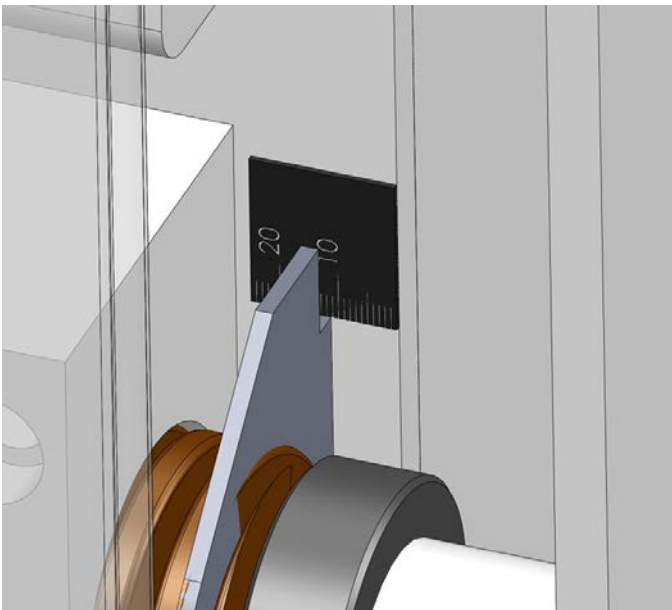


ADJUSTING BLADE TENSION



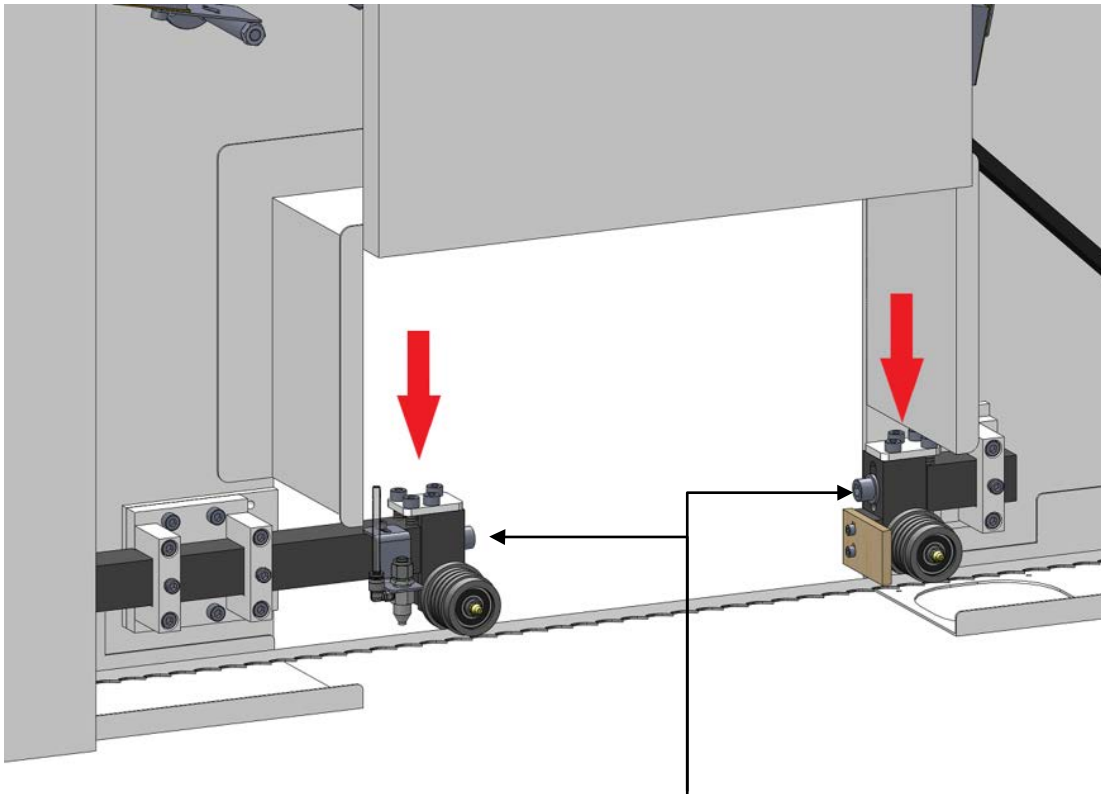
- Please turn the blade tension handle to adjust the blade tension.

BLADE TENSION HANDLE



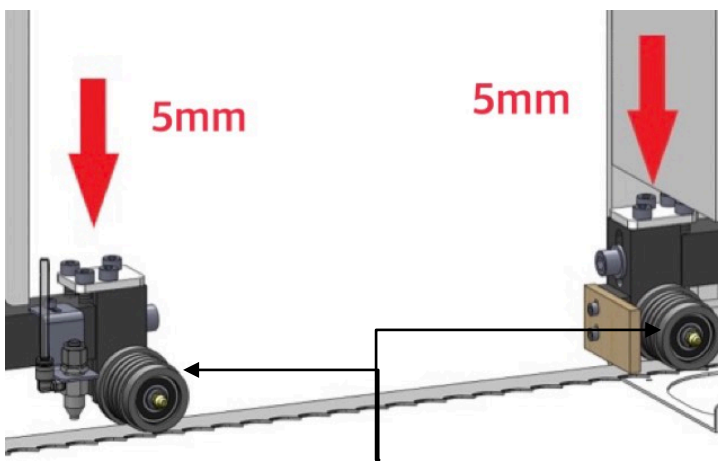
- Suggestion pressure would be about 12-14

ADJUSTING BLADE GUIDES



ADJUSTMENT SCREWS

1. Loosen the adjustment screws.

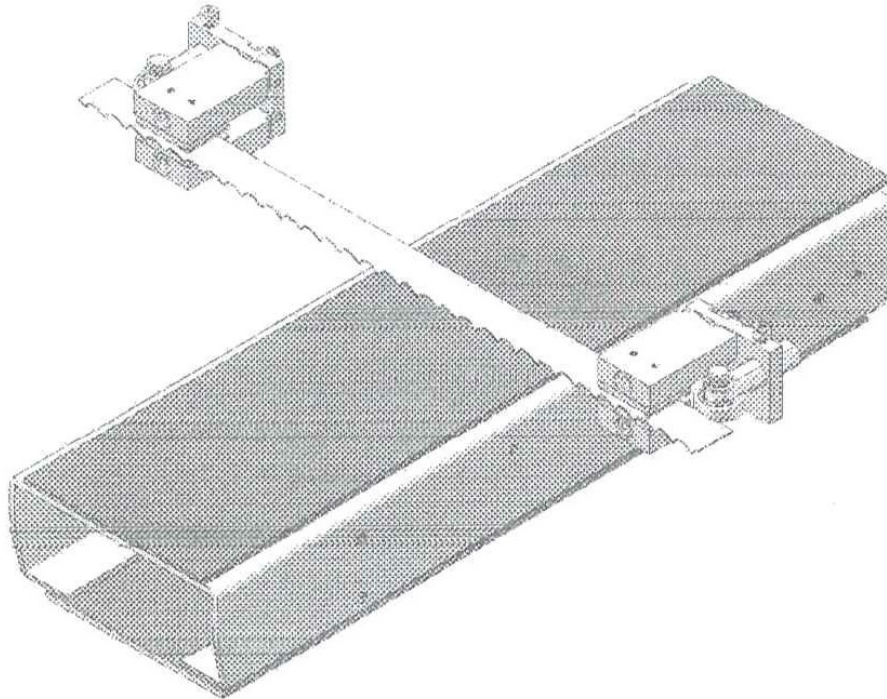


ROLLER GUIDES

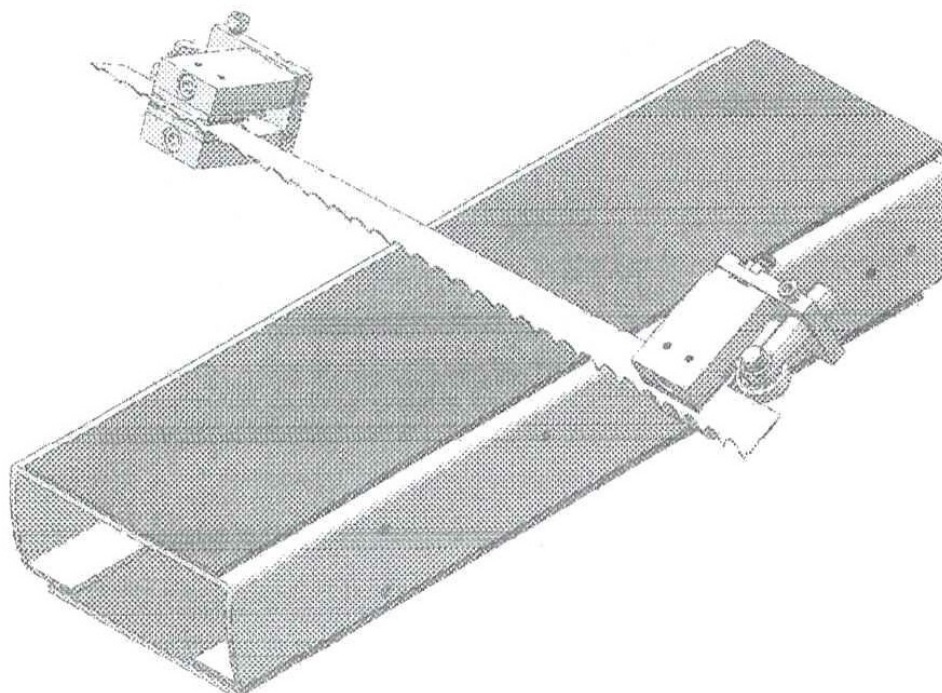
2. Adjust roller guides to push the blade down about 5mm.

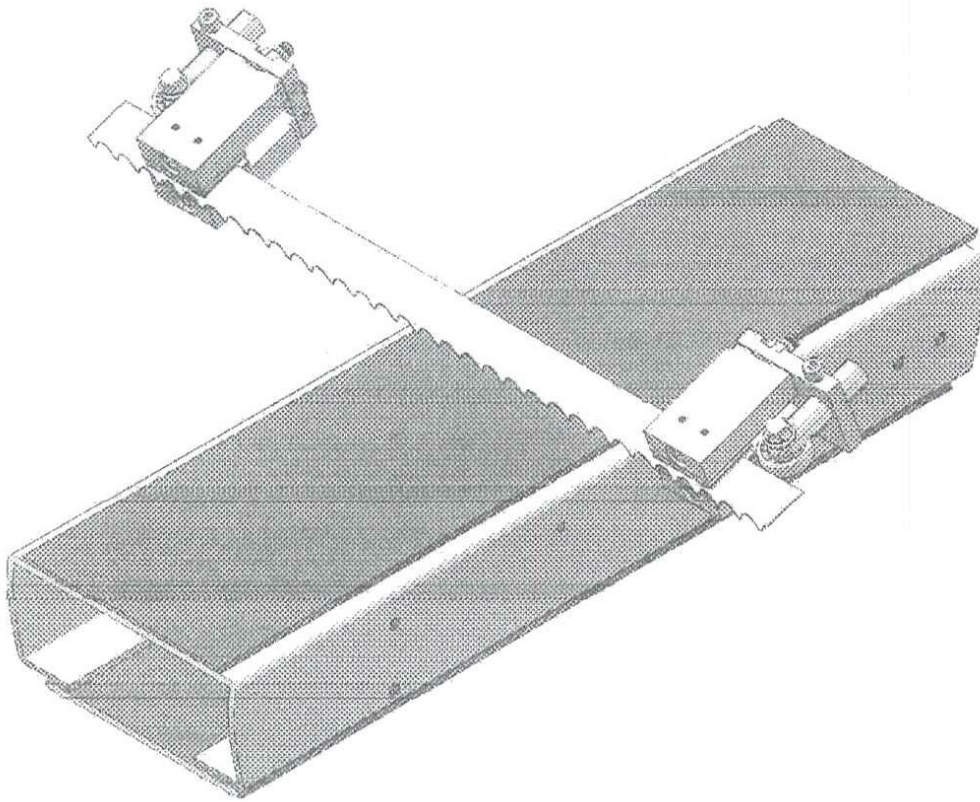
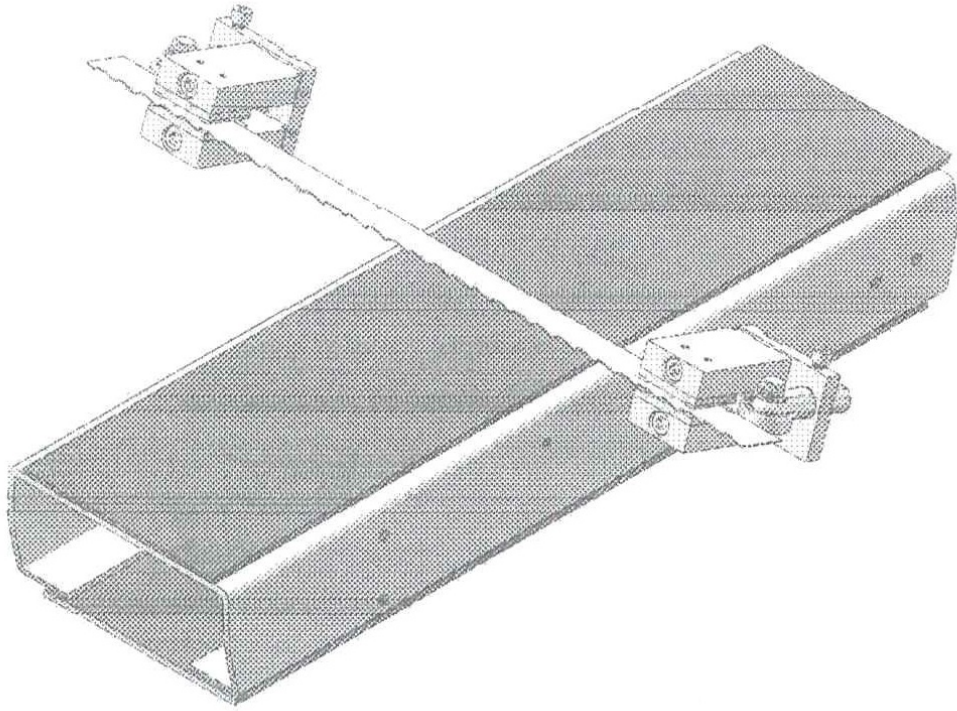
BLADE POSITION

Correct blade adjustment

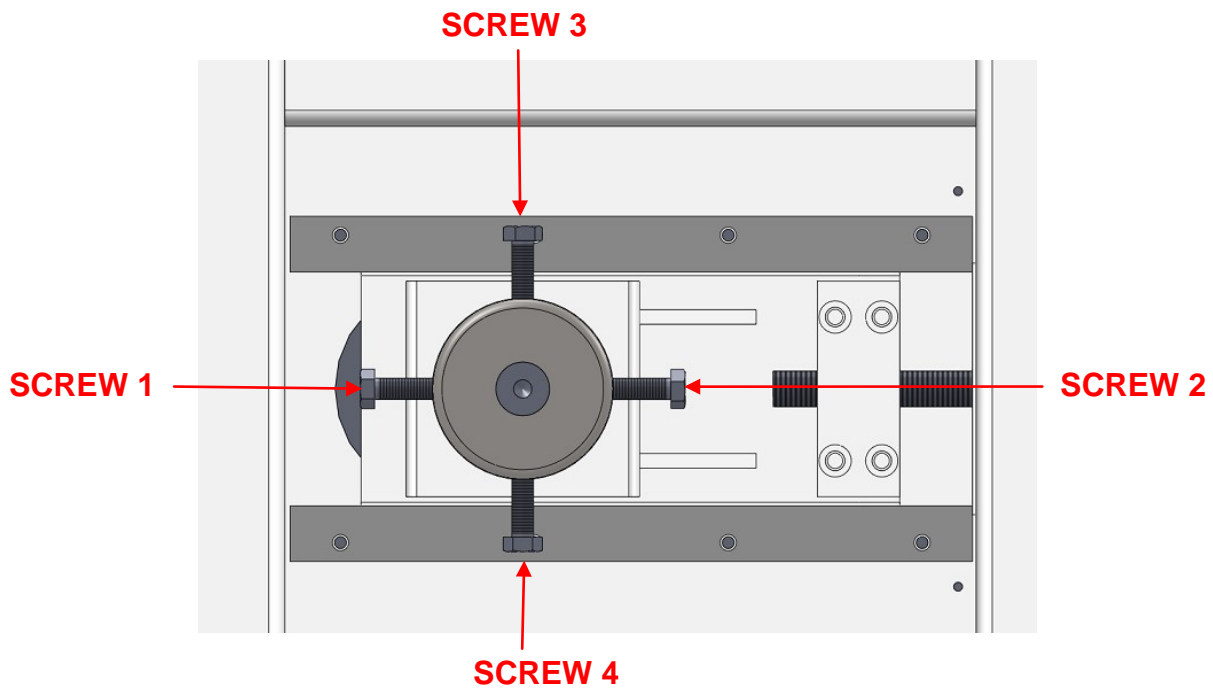


Wrong blade adjustment



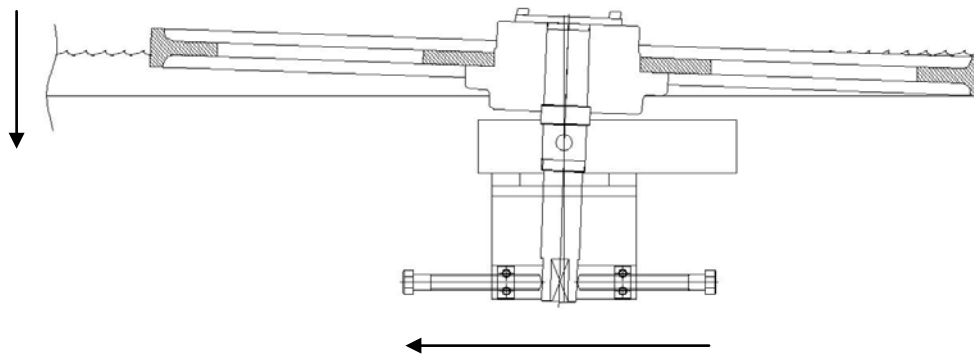
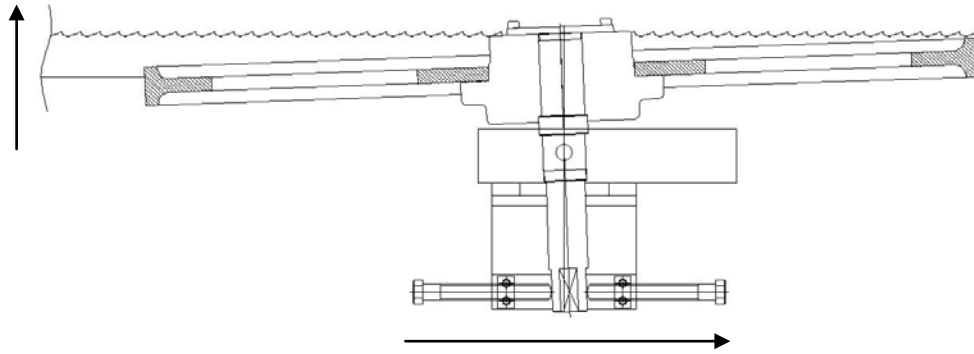


ADJUSTING BLADE TRACK



- Do not adjust screw 3 and screw 4
- Please check next page explanation for adjust screw 1 and screw 2

If saw wheel shaft goes on right side, saw blade would go out of the saw wheel, as you could check below picture.

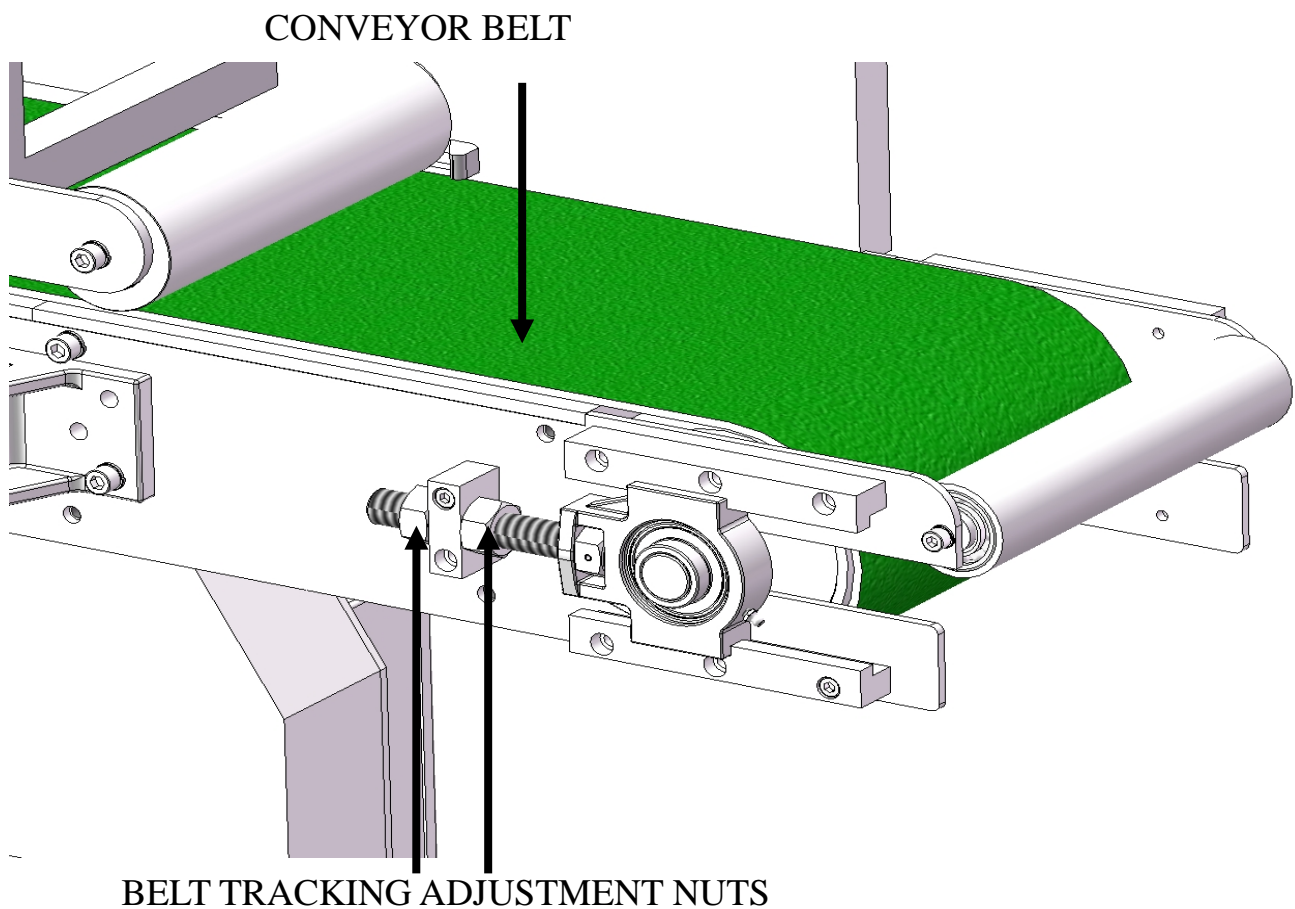


If saw wheel shaft goes on left side, saw blade would go in of the saw wheel, as you could check above picture.

ADJUSTING CONVEYOR BELT TRACKING

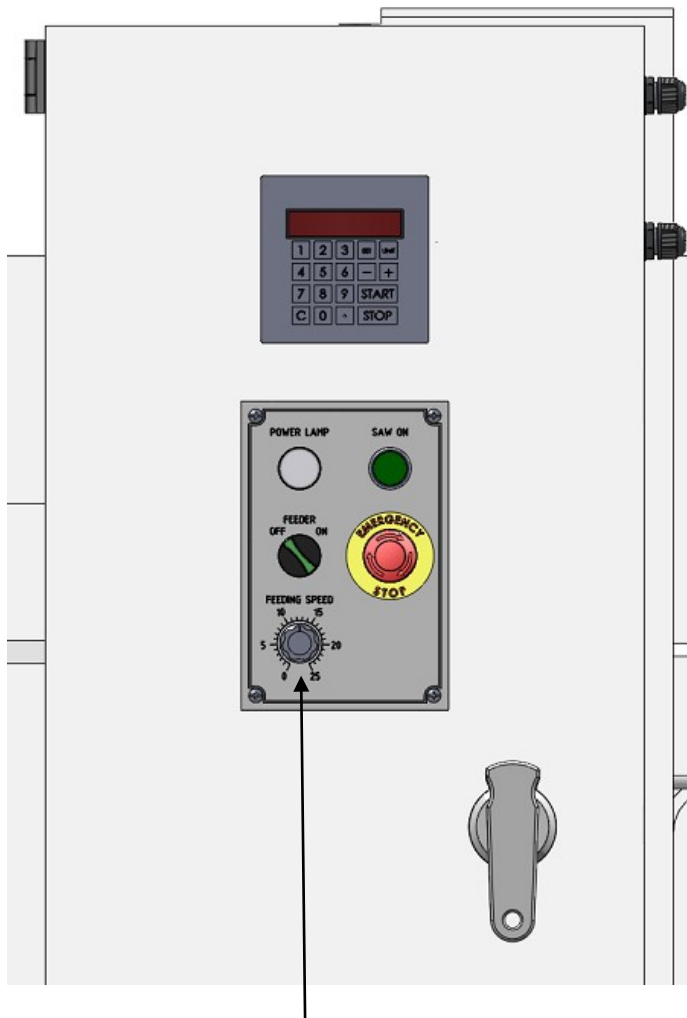
The conveyor belt require adjustment from time to time. If the conveyor belt runs to either the right or left side, you should make conveyor belt tracking adjustment as follows:

1. Once the conveyor belt moves toward the right side , you should adjust tracking from the right side of the conveyor belt. Turning the belt tracking adjustment nut clockwise will make the conveyor belt move to the left side.
 2. Once the conveyor belt moves toward the left side, you should adjust tracking from the left side of the conveyor belt. Turning the belt tracking adjustment nut clockwise will make the conveyor belt move to the right side.
1. The conveyor belt tracking is made when the conveyor belt is running.



ADJUSTING CONVEYOR BELT SPEED

Control panel :



SPEED REGULATOR KNOB

- 1)To change the conveyor speed , turn the speed regulator knob
- 2)Turn it clockwise for increasing speed . Turn counter-clockwise for decreasing speed.
- 3)The allowable meter range is 0-25M/MIN

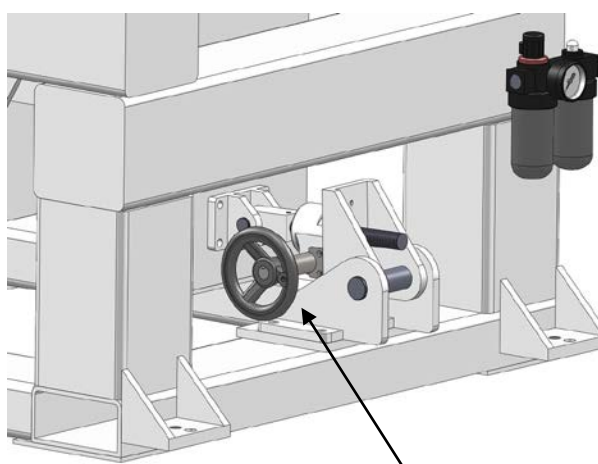
BAND SAW TILT



- Band saw can be tilted 0~12 degrees.



HANDLE



HAND WHEEL

1. Please loosen the handle
2. Please turn the hand wheel
3. You could see how many degrees from digital protractor



DIGITAL PROTRACTOR

MAINTENANCE



CAUTION

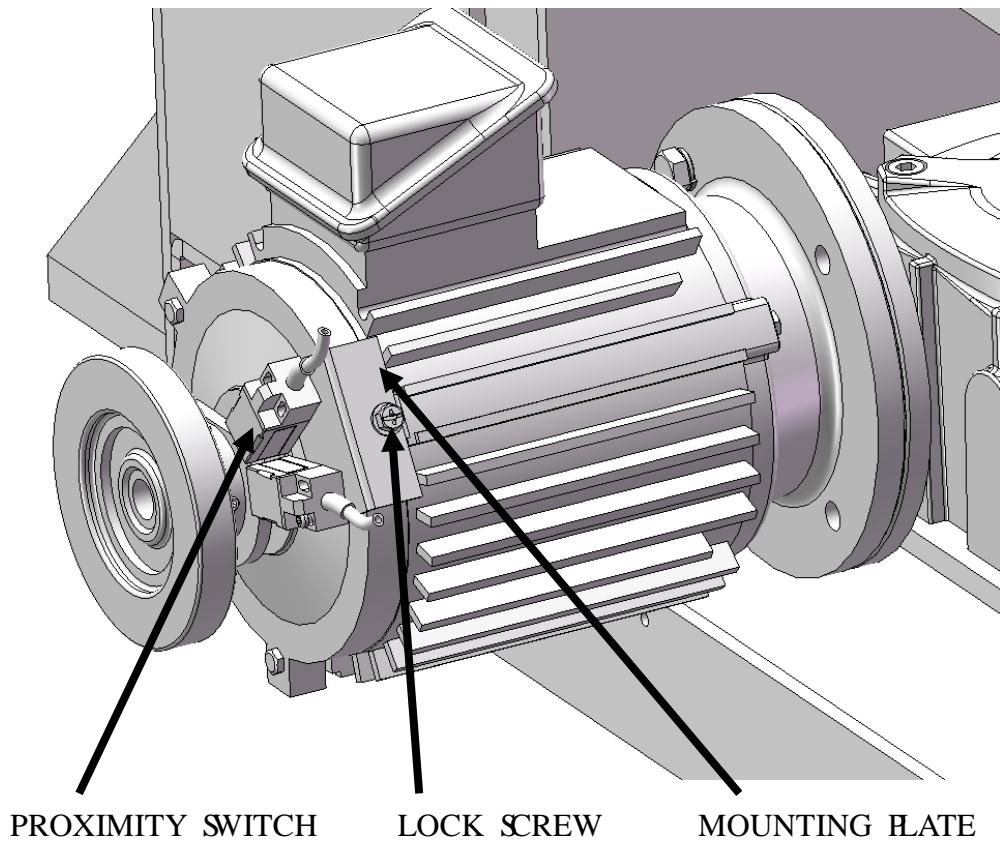
Before starting maintenance, disconnect the machine from power source.

1. Remove all chips and clean the machine everyday when job finished.
2. Surface of conveyor belt. Fence and pressure rollers must be kept clean and smooth for easy workpiece feeding.
3. Keep blade sharp at all times.
4. Check if wheel brush works normally occasionally
5. Keep proper blade tension and tracking at all times.

LUBRICATIION

1. Apply a grease gun to shot grease to all grease nipples provided on the machine at a proper time.
2. All feed screws should be coated with grease at a proper time.

TROUBLE SHOOTING



BLADE LIFTS DIGITAL READOUT OUT FAILED

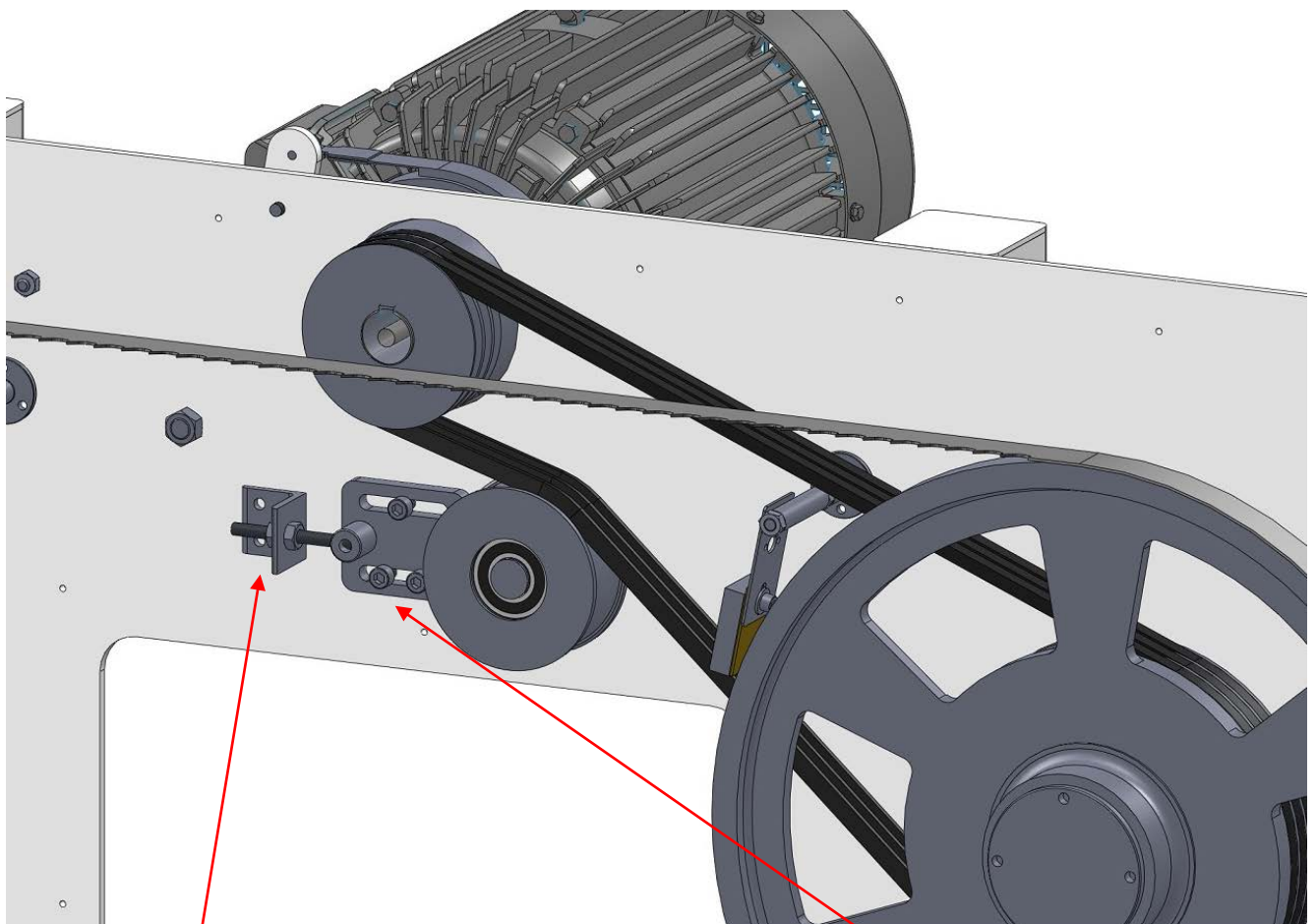
In case the digital readout display failed, this may be caused by the sensing failure from the proximity switch. To solve this problem, please loosen the screw, then adjust the proximity switch mounting plate position.

ADJUSTING SAW WHEEL MOTOR TENSION

After the machine has been operated for long period, the belt tension may be Loosen gradually. At this time you need to adjust the belt tension.

To do this , slightly loose the 3 lock screws, then tighten the 2 belt tension adjustment screws until a proper belt tension is obtained.

Tighten the 3 lock screws after belt tension has been properly adjusted.



BELT TENSION ADJUSTMETN SCREW

LOCK SCREW

TROUBLE SHOOTING (FOR MACHINE)



WARNING

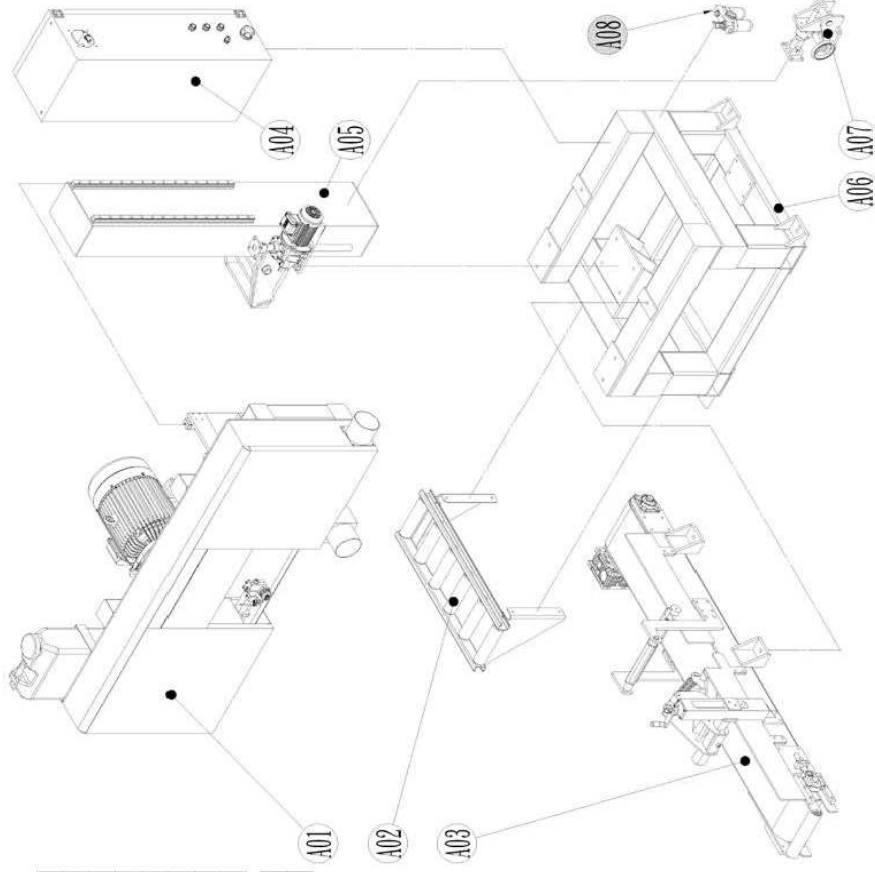
To avoid in injury, turn power off and remove plug from power Source before making trouble shooting

PROBLEM	PROBABLE CAUSE	CORRECTION
Blade dose not in correct track	Blade tracking is not properly adjusted.	Adjust blade tracking
Blade slow down during cutting	<ol style="list-style-type: none">1. Belt tension is too loose2. Blade dulled3. Motor overload	<ol style="list-style-type: none">1. Adjust belt tension2. Sharpen or replace blade3. Reduce cutting load
Blade breaking	<ol style="list-style-type: none">1. Too much tension on blade2. Too much friction on blade3. Wheel surface is not clean	<ol style="list-style-type: none">1. Adjust blade tension2. Adjust blade guide3. Clean wheel surface

TROUBLE SHOOTING (FOR ELECTRIC)

PROBLEM	PROBABLE CAUSE	CORRECTION
Motor Overheat	Motor overload	Reduce feed speed
Motor can not reach full speed	<ol style="list-style-type: none">1. Low voltage2. Motor damaged	<ol style="list-style-type: none">1. Check power source voltage2. Repair or replace motor
Motor can not develop full power	<ol style="list-style-type: none">1. Circuit overload2. Wire size too small or circuit too long	<ol style="list-style-type: none">1. Use an independent circuit2. Increase wire size or reduce wire length.

PART LIST

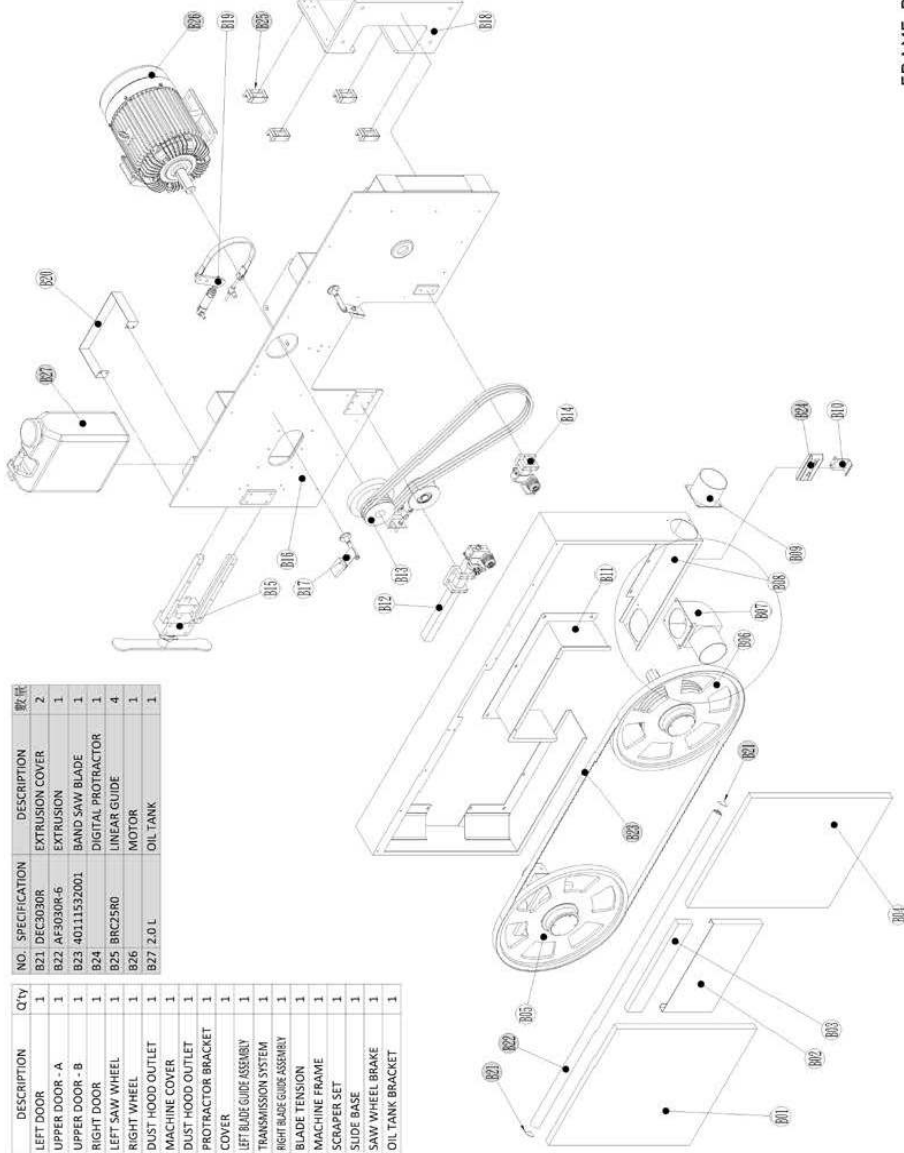


NO.	SPECIFICATION	DESCRIPTION	Q'ty
A01	HBS300-B02	FRAME	1
A02	HBS300-B06	RETURN ROLLER	1
A03	HBS300-B03	CONVEYOR	1
A04	HBR-300WG-087	CONTROL BOX	1
A05	HBS300-B04	LIFTING UNIT	1
A06	HBR-300WG-002	BASE	1
A07	HBS300-B05	TILTING UNIT	1
NO.	SPECIFICATION	DESCRIPTION	Q'ty
A08		MAIN AIR PRESSURE UNIT	1

HBS300

PART LIST

NO.	SPECIFICATION	DESCRIPTION	QTY	NO.	SPECIFICATION	DESCRIPTION	数量
B01	HBR-300W6-057	LEFT DOOR	1	B21	DEC3030R	EXTRUSION COVER	2
B02	HBR-300W6-060	UPPER DOOR - A	1	B22	AF3030R-6	EXTRUSION	1
B03	HBR-300W6-061	UPPER DOOR - B	1	B23	40111532001	BAND SAW BLADE	1
B04	HBR-300W6-058	RIGHT DOOR	1	B24		DIGITAL PROTRACTOR	1
B05	HBS300-B07	LEFT SAW WHEEL	1	B25	BRC25R0	LINEAR GUIDE	4
B06	HBS300-B08	RIGHT WHEEL	1	B26		MOTOR	1
B07	HBR-300W6-093	DUST HOOD OUTLET	1	B27	2.0.L	OIL TANK	1
B08	HBR-300W6-055	MACHINE COVER	1				
B09	HBR-300W6-010	DUST HOOD OUTLET	1				
B10	1579-0-2	PROTRACTOR BRACKET	1				
B11	HBR-300W6-056	COVER	1				
B12	HBS300-B09	LEFT BLADE GUIDE ASSEMBLY	1				
B13	HBS300-B11	TRANSMISSION SYSTEM	1				
B14	HBS300-B10	RIGHT BLADE GUIDE ASSEMBLY	1				
B15	HBS300-B12	BLADE TENSION	1				
B16	HBR-300W6-001	MACHINE FRAME	1				
B17	HBS300-B16	SCRAPER SET	1				
B18	HBR-300W6-005	SLIDE BASE	1				
B19	HBS300-B15	SAW WHEEL BRAKE	1				
B20	HBR-300W6-098	OIL TANK BRACKET	1				

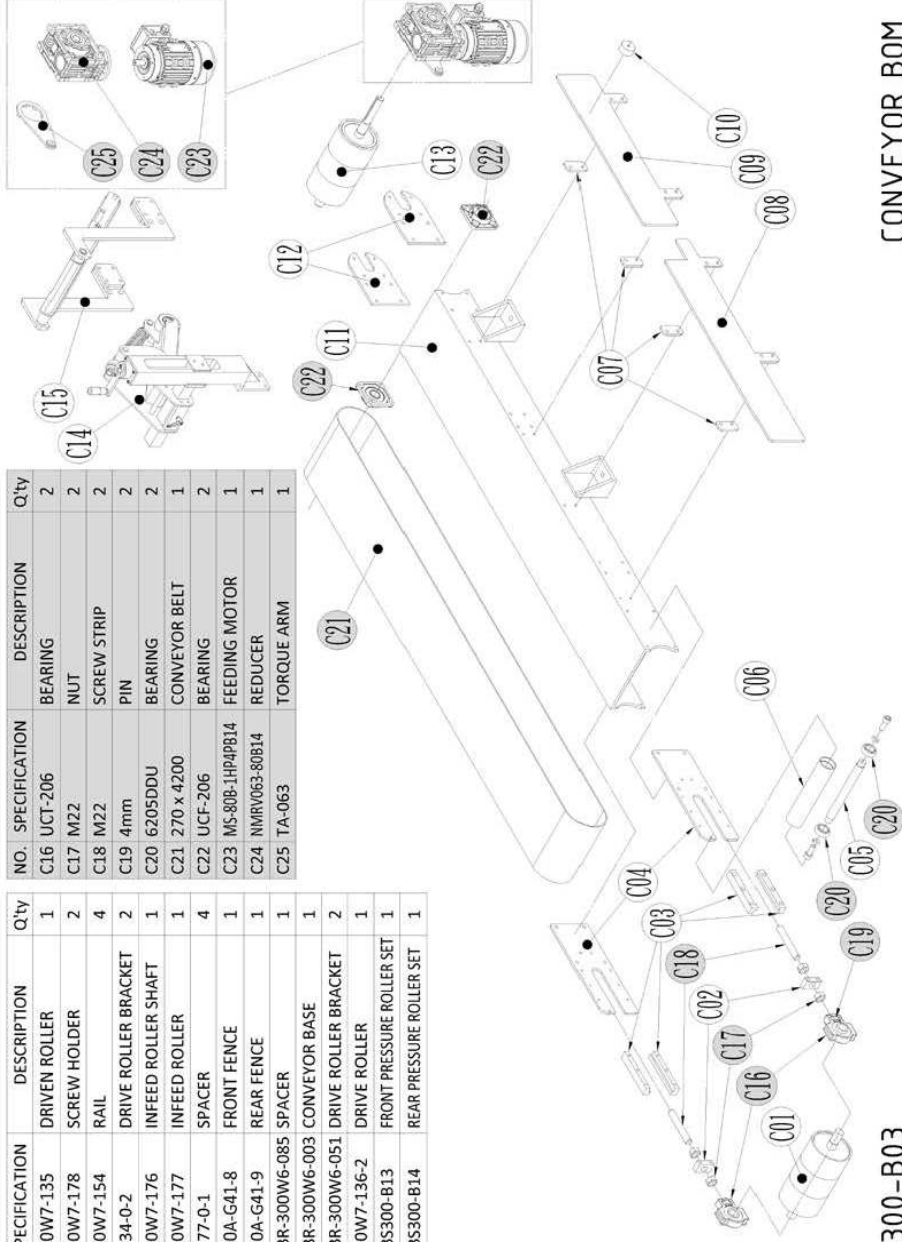


HBS300-B02

FRAME B0M

PART LIST

NO.	SPECIFICATION	DESCRIPTION	Q'ty	NO.	SPECIFICATION	DESCRIPTION	Q'ty
C01	300W7-135	DRIVEN ROLLER	1	C16	UCT-206	BEARING	2
C02	300W7-178	SCREW HOLDER	2	C17	M22	NUT	2
C03	300W7-154	RAIL	4	C18	M22	SCREW STRIP	2
C04	T534-0-2	DRIVE ROLLER BRACKET	2	C19	4mm	PIN	2
C05	300W7-176	INFEED ROLLER SHAFT	1	C20	G205DDU	BEARING	2
C06	300W7-177	INFEED ROLLER	1	C21	270 x 4200	CONVEYOR BELT	1
C07	T577-0-1	SPACER	4	C22	UCF-206	BEARING	2
C08	300A-G41-8	FRONT FENCE	1	C23	M5-808-1HP4PB14	FEEDING MOTOR	1
C09	300A-G41-9	REAR FENCE	1	C24	NMRV063-80B14	REDUCER	1
C10	HBR-300W6-085	SPACER	1	C25	TA-063	TORQUE ARM	1
C11	HBR-300W6-003	CONVEYOR BASE	1				
C12	HBR-300W6-051	DRIVE ROLLER BRACKET	2				
C13	300W7-136-2	DRIVE ROLLER	1				
C14	HBS300-B13	FRONT PRESSURE ROLLER SET	1				
C15	HBS300-B14	REAR PRESSURE ROLLER SET	1				



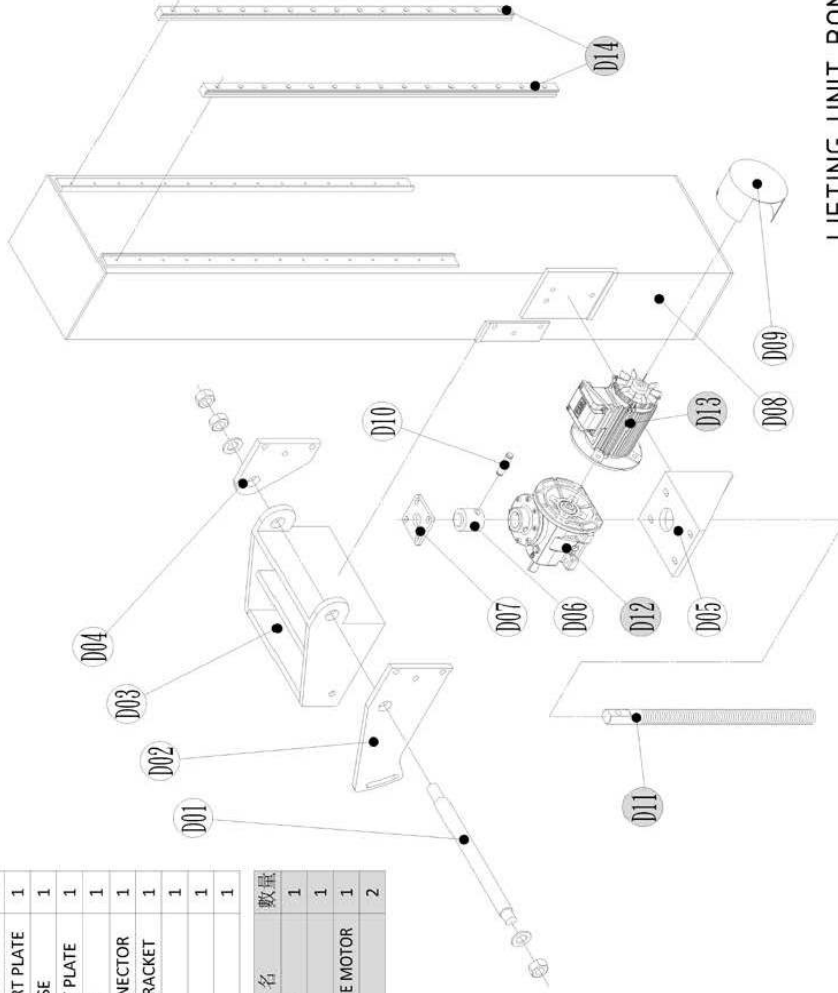
HBS300-B03

CONVEYOR BOM

PART LIST

NO.	SPECIFICATION	DESCRIPTION	Q'ty
D01	HBR-300W6-009	SUPPORT PLATE SHAFT	1
D02	HBR-300W6-007	FRONT SUPPORT PLATE	1
D03	HBR-300W6-008	CONVEYOR BASE	1
D04	HBR-300W6-006	REAR SUPPORT PLATE	1
D05	HBR-300W6-011	REDUCER BASE	1
D06	HBR-300W6-012	REDUCER CONNECTOR	1
D07	HBR-300W6-013	CONNECTOR BRACKET	1
D08	HBR-300W6-004	LIFTING UNIT	1
D09	HBR-300W6-096	SENSOR BOX	1
D10	HBR-300W6-014	PIN	1

NO.	型 號	品 名	數 量
D11	VJM	1-1/4" SCREW	1
D12	VJM-40 1:24	REDUCER	1
D13		ELEVATION DRIVE MOTOR	1
D14	BRC25R0	LINEAR	2



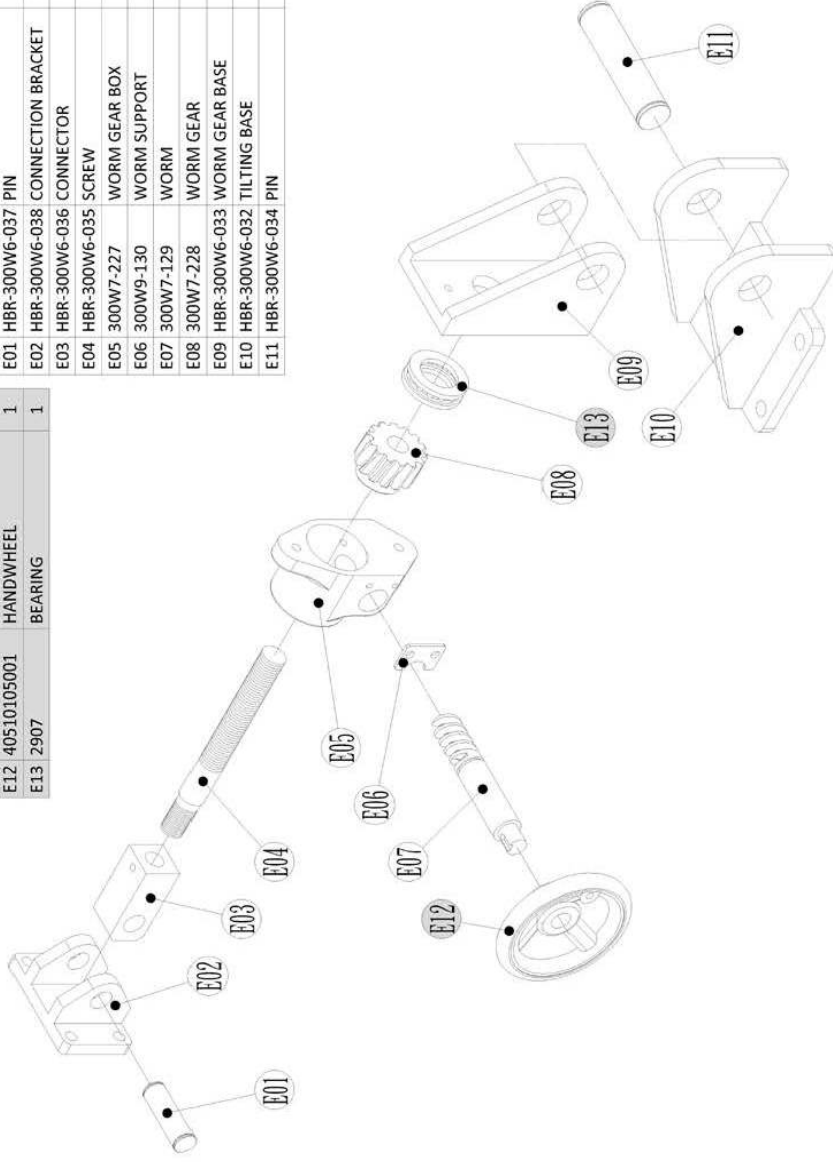
LIFTING UNIT BOM

HBS300-B04

PART LIST

NO.	型號	品名	數量
E12	40510105001	HANDWHEEL	1
E13	2907	BEARING	1

NO.	SPECIFICATION	DESCRIPTION	Qty
E01	HBR-300W6-037	PIN	1
E02	HBR-300W6-038	CONNECTION BRACKET	1
E03	HBR-300W6-036	CONNECTOR	1
E04	HBR-300W6-035	SCREW	1
E05	300W7-227	WORM GEAR BOX	1
E06	300W9-130	WORM SUPPORT	1
E07	300W7-129	WORM	1
E08	300W7-228	WORM GEAR	1
E09	HBR-300W6-033	WORM GEAR BASE	1
E10	HBR-300W6-032	TILTING BASE	1
E11	HBR-300W6-034	PIN	1



HBS300-B05

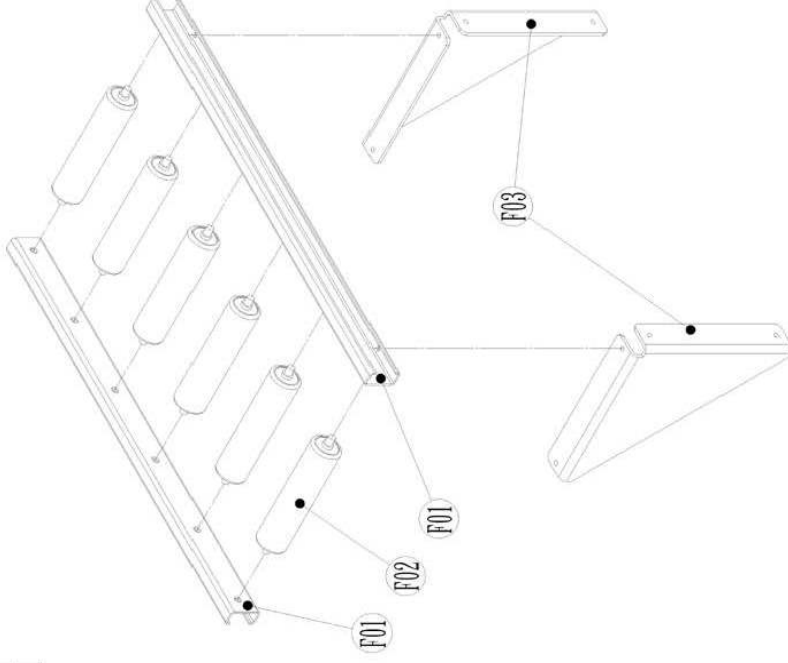
TILTING UNIT BOM

Spare Parts

IRONWOOD

PART LIST

NO.	SPECIFICATION	DESCRIPTION	Q'ty
F01	HBR-300W6-054	ROLLER BRACKET	2
F02	300W7-161	ROLLER	6
F03	HBR-300W6-052	ROLLER SEAT	2



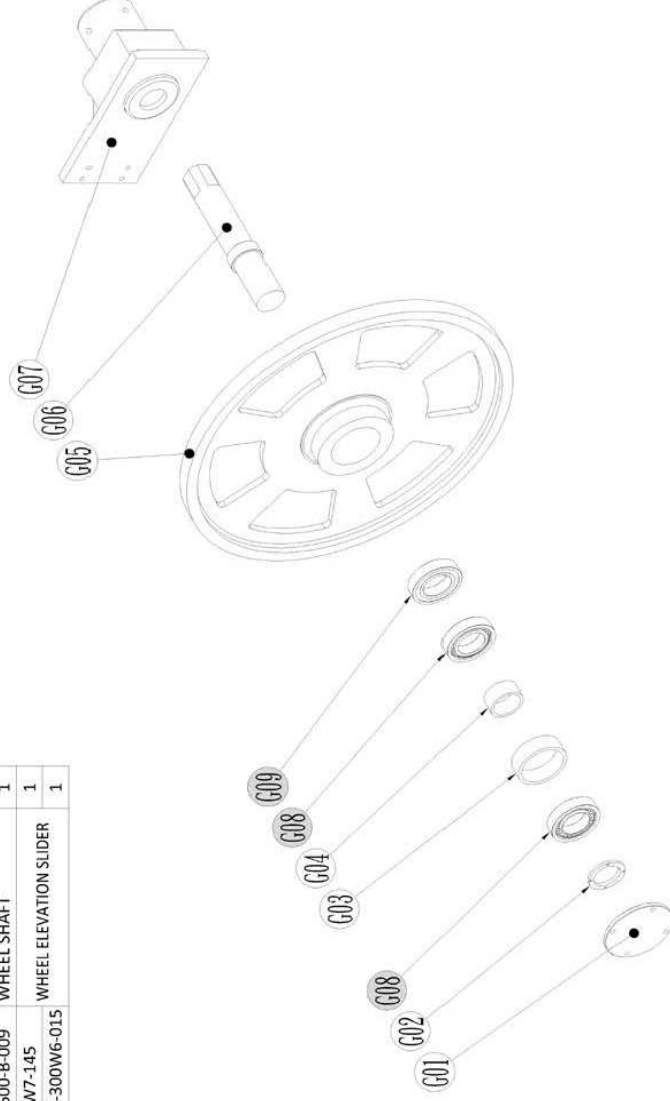
HBS300-B06

RETURN ROLLER BOM

PART LIST

NO.	SPECIFICATION	DESCRIPTION	Q'ty
G01	300W7-160	BEARING CAP	1
G02	300W7-122	SHAFT NUT	1
G03	HB-600-B-010	BEARING OUTER SLEEVE	1
G04	HB-600-B-011	BEARING INNER SLEEVE	1
G05	HB-600-B-002	SAW WHEEL	1
G06	HB-600-B-009	WHEEL SHAFT	1
G07	300W7-145	WHEEL ELEVATION SLIDER	1
	HBR-300W6-015		1

NO.	SPECIFICATION	DESCRIPTION	Q'ty
G08	NJ-210	BEARING	2
G09	6210DU	BEARING	1



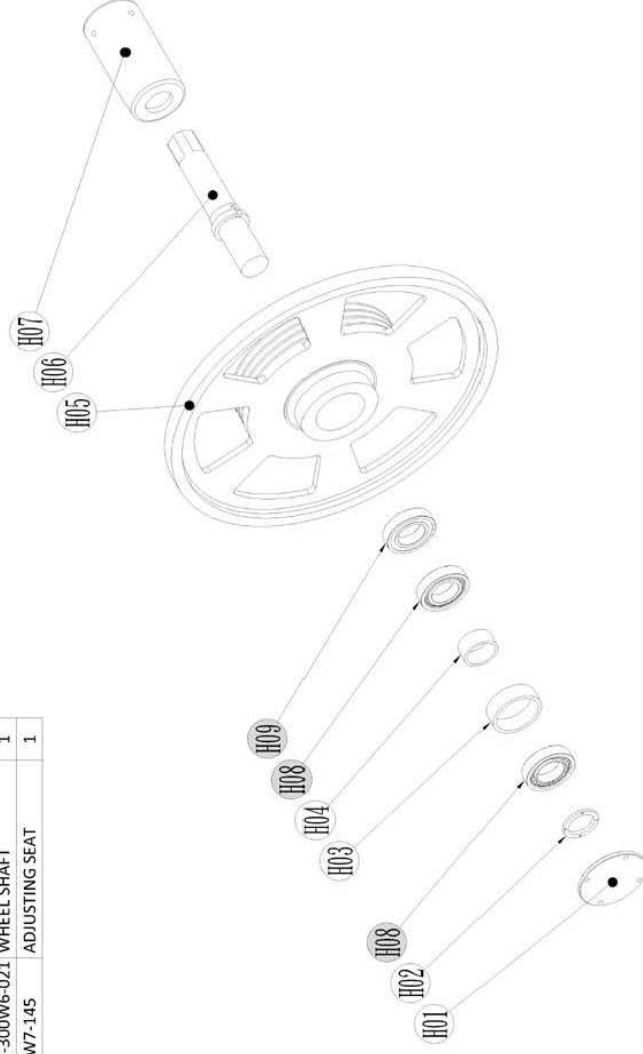
HBS300-B07

LEFT SAW WHEEL

PART LIST

NO.	SPECIFICATION	DESCRIPTION	Q'ty
H01	300W7-160	BEARING CAP	1
H02	300W7-122	SHAFT NUT	1
H03	HB-600-B-010	BEARING OUTER SLEEVE	1
H04	HB-600-B-011	BEARING INNER SLEEVE	1
H05	HB-600-B-001	SAW WHEEL	1
H06	HBR-300W6-021	WHEEL SHAFT	1
H07	300W7-145	ADJUSTING SEAT	1

NO.	SPECIFICATION	DESCRIPTION	Q'ty
H08	NJ-210	BEARING	2
H09	6210DU	BEARING	1

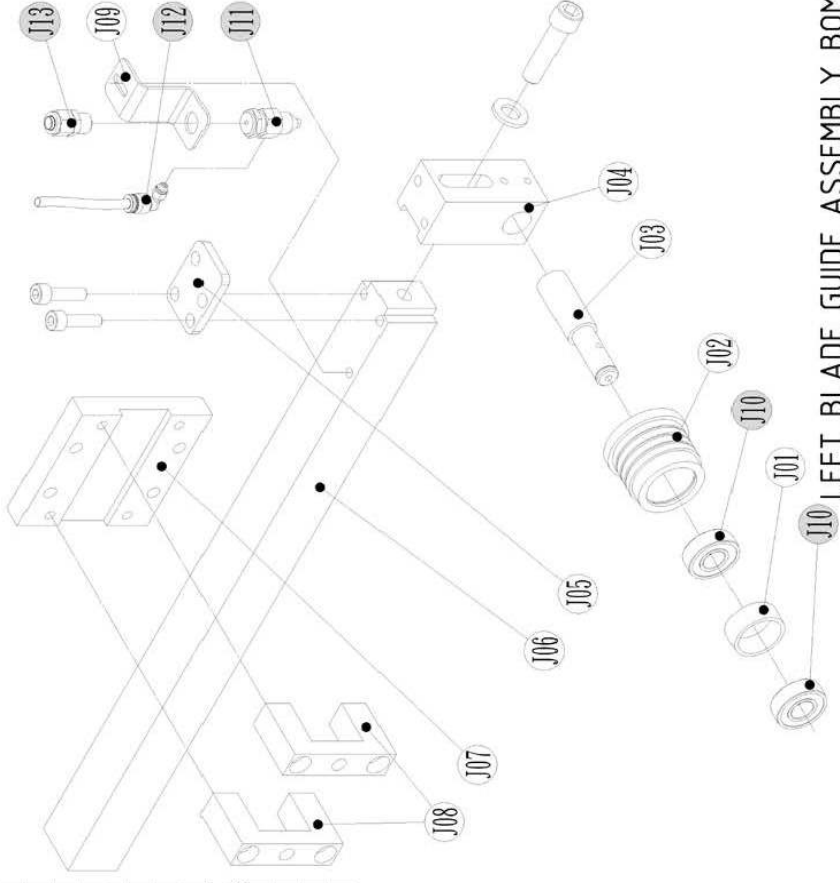


HBS300-B08

RIGHT WHEEL

ART LIST

NO.	SPECIFICATION	DESCRIPTION	Q'ty
J01	HB-600-B-020	BEARING SLEEVE	1
J02	HB-600-B-019	PRESSURE GUIDE WHEEL	1
J03	HB-600-B-018	BEARING ROD	1
J04	HBR-300W6-045	PRESSURE GUIDE BRACKET	1
J05	HBR-300W6-046	FIXED PLATE	1
J06	HBR-300W6-044	FIXED PILLAR	1
J07	HBR-300W6-043	FIXED SEAT	1
J08	300W7-036	FIXED SEAT	2
J09	HBR-300W6-092	SPRAYER FIXED PLATE	1
NO.	型 號	品 名	數量
J10	6202DU	BEARING	2
J11	CS1000	COOLING LUBRICANT SPRAYER	1
J12	PL06 - M5	GREASE FITTING(PU)	1
J13	P1/4 x 5/16	GREASE FITTING	1

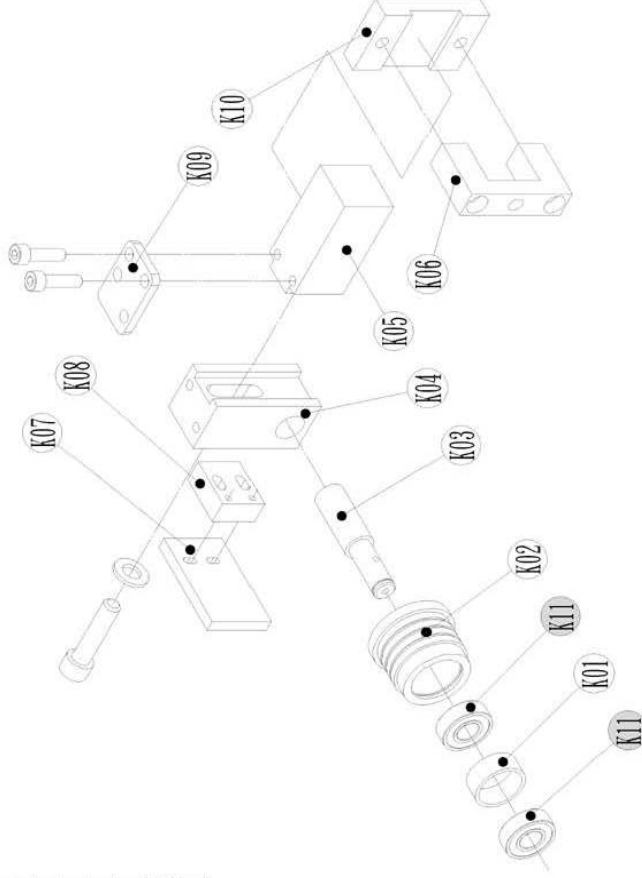


HBS300-B09

LEFT BLADE GUIDE ASSEMBLY BOM

PART LIST

NO.	SPECIFICATION	DESCRIPTION	Q'ty
K01	HB-600-B-020	BEARING SLEEVE	1
K02	HB-600-B-019	PRESSURE GUIDE WHEEL	1
K03	HB-600-B-018	BEARING ROD	1
K04	HBR-300WG-045	PRESSURE GUIDE BRACKET	1
K05	HBR-300WG-047	FIXED PILLAR	1
K06	300W7-036	FIXED SEAT	1
K07	HBR-300WG-050	SCRAPER	1
K08	HBR-300WG-049	SCRAPER FIXED BLOCK	1
K09	HBR-300WG-046	FIXED PLATE	1
K10	HBR-300WG-048	FIXED SEAT	1
NO.	型 號	品 名	數量
K11	6202DU	BEARING	2



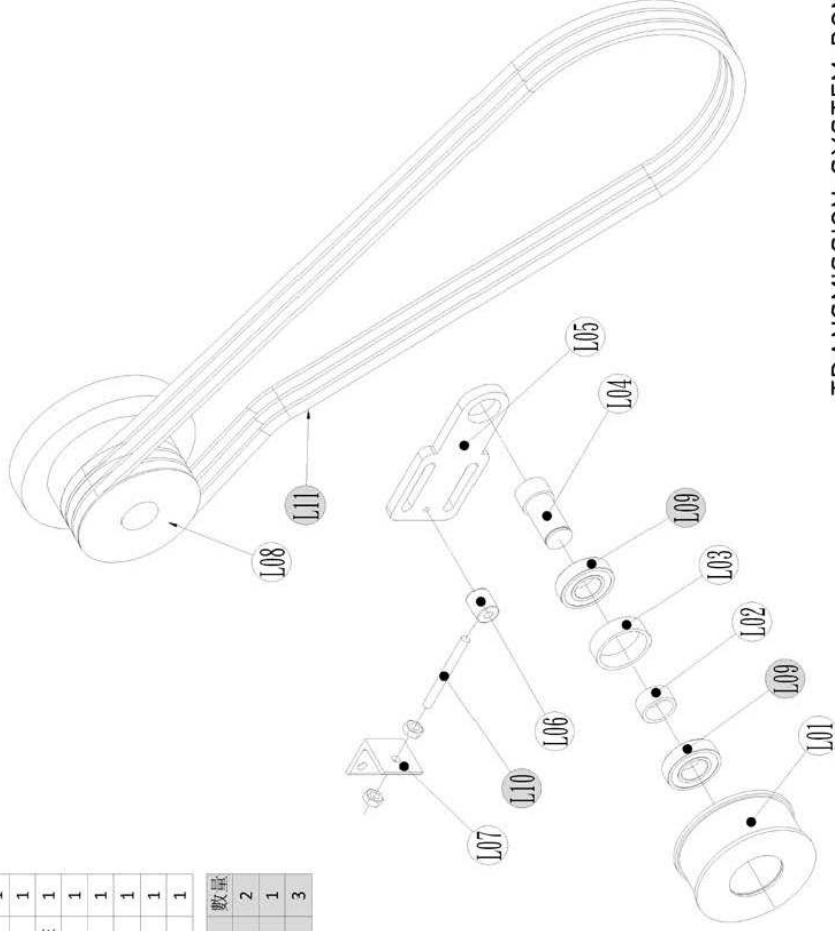
HBS300-B10

RIGHT BLADE GUIDE ASSEMBLY BOM

PART LIST

NO.	SPECIFICATION	DESCRIPTION	Q'ty
L01	HBR-300W6-042	PULLEY	1
L02	HBR-300W6-063	BEARING INNER SLEEVE	1
L03	HBR-300W6-062	BEARING OUTER SLEEVE	1
L04	HBR-300W6-041	PULLEY SHAFT	1
L05	HBR-300W6-039	PULLEY BRACKET	1
L06	300W7-190-1	ADJUSTMENT BLOCK	1
L07	HBR-300W6-040	ADJUSTMENT BRACKET	1
L08	HBR-300W6-067	MOTOR PULLEY	1

NO.	型 號	品 名	數量
L09	6206DDU	BEARING	2
L10	3/8"-100L	SCREW STRIP	1
L11	A-77"	MOTOR BLET	3



HBS300-B11

TRANSMISSION SYSTEM BOM

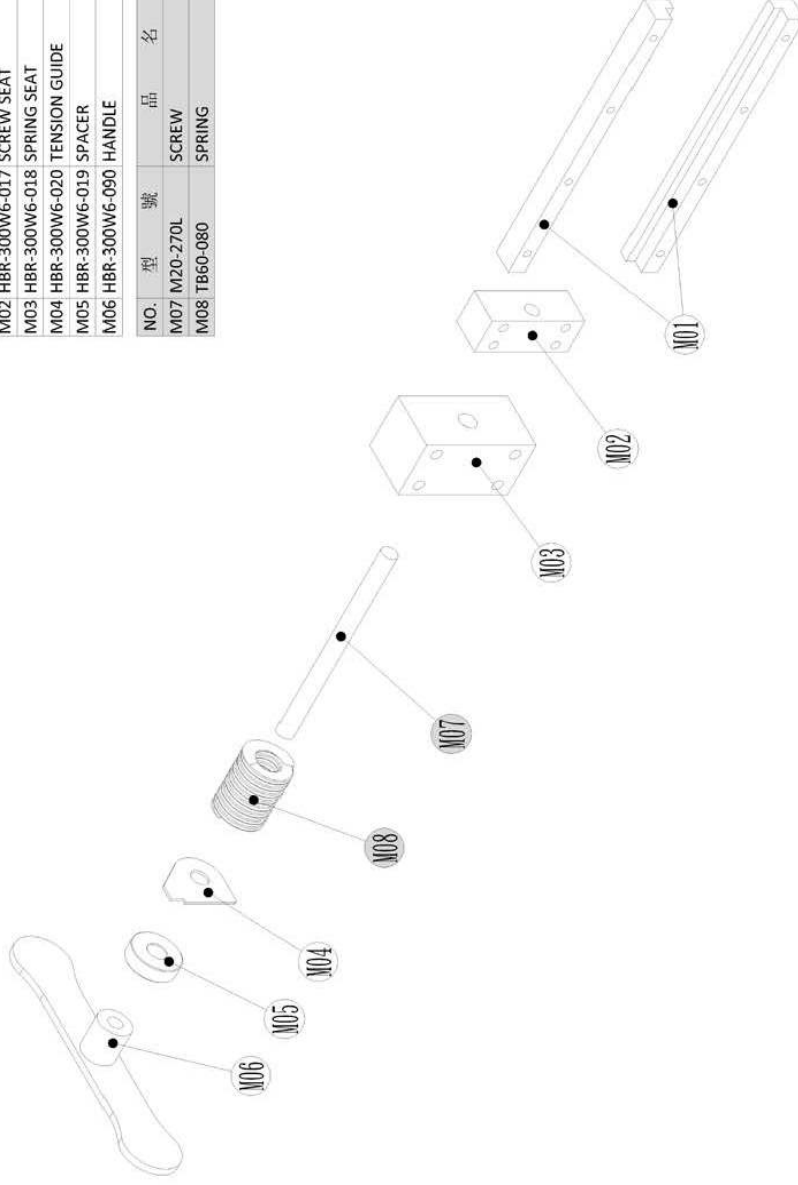
Spare Parts

IRONWOOD

PART LIST

NO.	圖號	圖名	數量
M01	HBR-300W6-016	RAIL	2
M02	HBR-300W6-017	SCREW SEAT	1
M03	HBR-300W6-018	SPRING SEAT	1
M04	HBR-300W6-020	TENSION GUIDE	1
M05	HBR-300W6-019	SPACER	1
M06	HBR-300W6-090	HANDLE	1

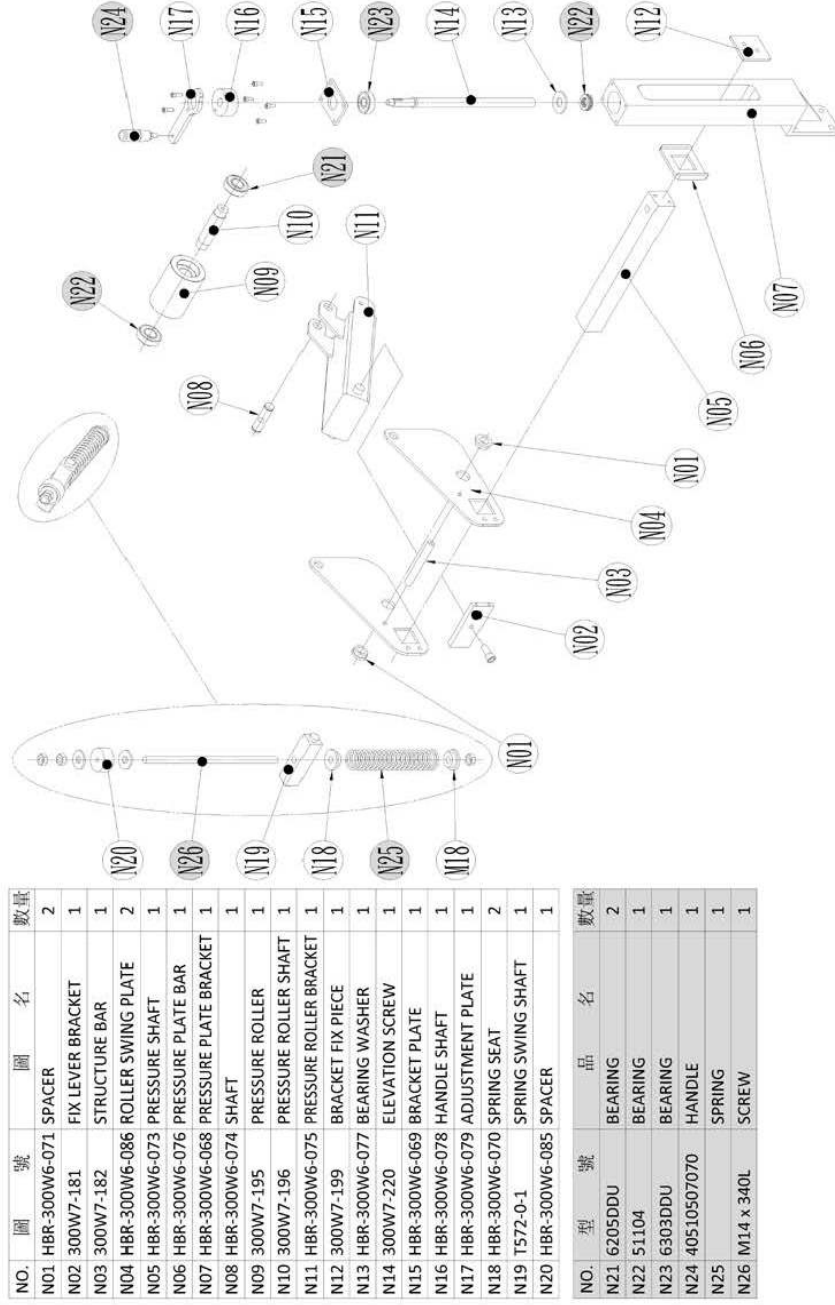
NO.	型號	品名	數量
M07	M20-270L	SCREW	1
M08	TB60-080	SPRING	1



HBS300-B12

BLADE TENSION BOM

ART LIST



NO.	圖號	圖名	數量
N01	HBR-300W6-071	SPACER	2
N02	300W7-181	FIX LEVER BRACKET	1
N03	300W7-182	STRUCTURE BAR	1
N04	HBR-300W6-086	ROLLER SWING PLATE	2
N05	HBR-300W6-073	PRESSURE SHAFT	1
N06	HBR-300W6-076	PRESSURE PLATE BAR	1
N07	HBR-300W6-068	PRESSURE PLATE BRACKET	1
N08	HBR-300W6-074	SHAFT	1
N09	300W7-195	PRESSURE ROLLER	1
N10	300W7-196	PRESSURE ROLLER SHAFT	1
N11	HBR-300W6-075	PRESSURE ROLLER BRACKET	1
N12	300W7-199	BRACKET FIX PIECE	1
N13	HBR-300W6-077	BEARING WASHER	1
N14	300W7-220	ELEVATION SCREW	1
N15	HBR-300W6-069	BRACKET PLATE	1
N16	HBR-300W6-078	HANDLE SHAFT	1
N17	HBR-300W6-079	ADJUSTMENT PLATE	1
N18	HBR-300W6-070	SPRING SEAT	2
N19	T572-0-1	SPRING SWING SHAFT	1
N20	HBR-300W6-085	SPACER	1

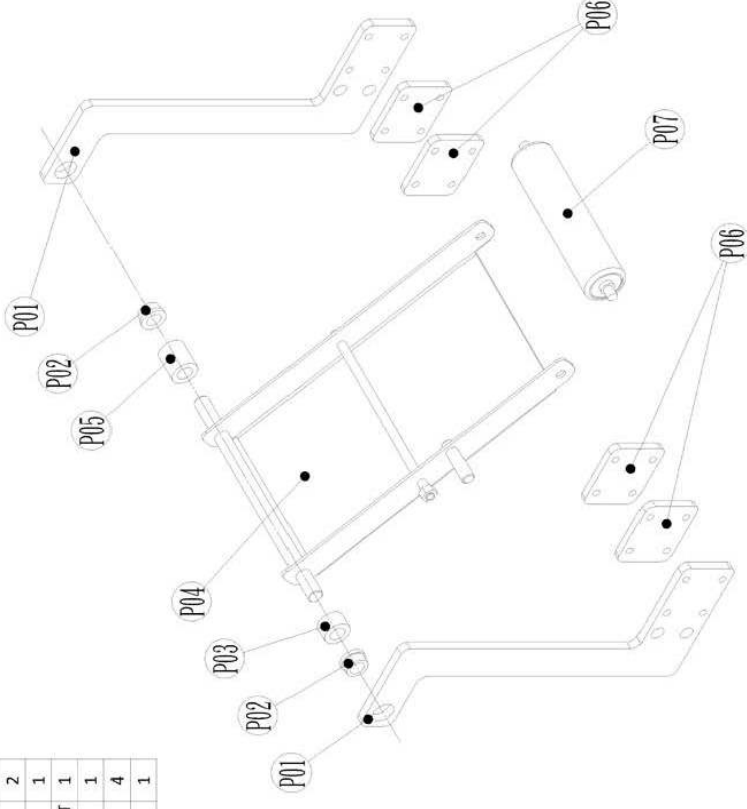
NO.	型號	品名	數量
N21	6205DDU	BEARING	2
N22	51104	BEARING	1
N23	6303DDU	BEARING	1
N24	40510507070	HANDLE	1
N25		SPRING	1
N26	M14 x 340L	SCREW	1

HBS300-B13

TOP POWER FEEDING ROLLER

PART LIST

NO.	圖號	圖名	數量
P01	HBR-300W6-080	ADJUSTMENT PLATE	2
P02	HBR-300W6-072	SPACER	2
P03	HBR-300W6-082	SHAFT	1
P04	HBR-300W6-083	PRESSURE ROLLER BRACKET	1
P05	HBR-300W6-081	SHAFT	1
P06	HBR-300W6-084	SPACER	4
P07	300W7-161	PRESSURE ROLLER	1



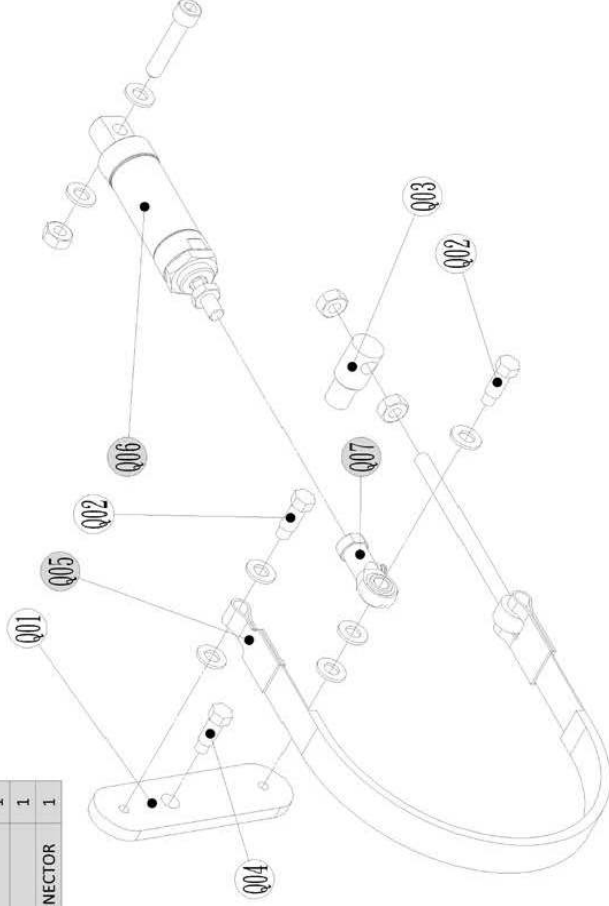
HBS300-B14

REAR PRESSURE ROLLER ASSEMBLY

PART LIST

NO.	圖號	圖名	數量
Q01	HBR-300W6-064	BRAKE BRACKET	1
Q02	HBR-300W6-066	FIXED SHAFT	2
Q03	HBR-300W6-065	FIXED SEAT	1
Q04	HB-600R#34	FIXED SHAFT	1

NO.	型號	品名	數量
Q05		BRAKE	1
Q06	MA32x25CA	CYLINDER	1
Q07	F-M10x125U	CYLINDER CONNECTOR	1



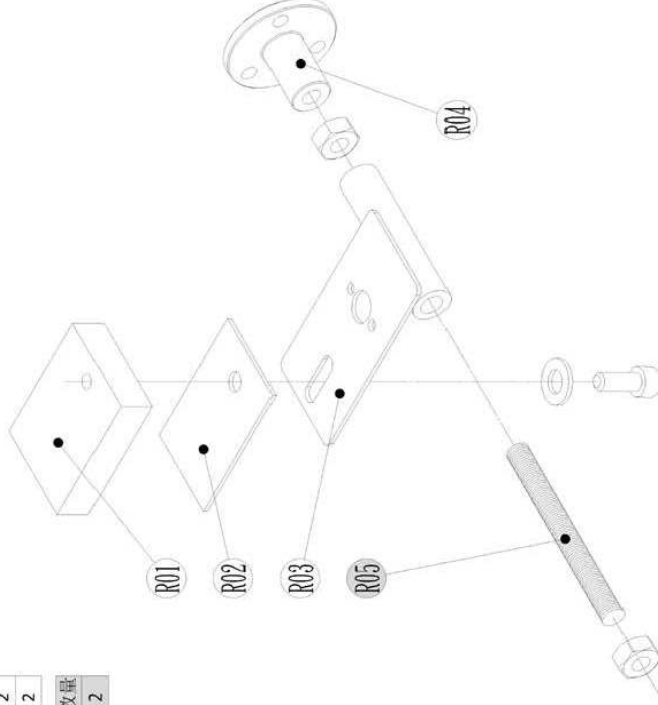
HBS300-B15

TRANSMISSION SYSTEM BOM

PART LIST

NO.	圖號	圖名	數量
R01	300W7-117	SCRAPING BLOCK	2
R02	300W7-103-1	COPPER PLATE	2
R03	300W7-116	SCRAPING PLATE	2
R04	300W7-116-1	SCRAPING SEAT	2

NO.	型號	品名	數量
R05	M10 x 100L	SCREW	2



HBS300-B16

SCRAPER SET BOM