

INSTRUCTION MANUAL

WIDE BELT SANDER

DW-37A

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Wadkin Agencies

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Specifications for DW-37A

Working Width:	36"			
Working Thickness:	5"			
No.1 - Main Motor:	H.P.	Volt	P.H.	AMP
No.2 - Main Motor:	H.P.	Volt	P.H.	AMP
Table Lifting Motor:	H.P.	Volt	P.H.	AMP
Table Speed Motor:	H.P.	Volt	P.H.	AMP
Table Speed, Variable:				
Table Belt Tracking:	Air Cylinder			
Table Work Height:	Min. 0.89"		Max. 5"	
Sanding Belt Seize:	37" x 60"			
Compressed Air Requirement:	85 PSI, 5 atm			
Exhaust Volume Requirement:	1600 CFM			
Load Meter:				
No.1 Contact Drum Diameter:	4"			
No. 2 Contact Drum Diameter:	3 1/4"			
Hold Down Roll Diameter:				
Table Belt Tracking:	Pneumatic			
Sanding Belt Tracking:	Photo-Electric-Pneumatic			
Polishing Platen:	Length 37"		Width 3"	
Platen Cover:	Polyurethane Foam Strip			
Weight:	Net:1980LBS Gross:2530LBS			
Machine Dimensions:	Deep 62"	Wide 52"	High 70"	
Crated Dimensions:	66"	56"	74"	

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General Safety Precautions

1. Disconnect power cord before making any adjustment to machine.
2. Keep safety guard in place and in working order.
3. Remove adjusting keys and wrenches: Form habit of checking to see that keys and adjusting wrenches are removed from the machine before turning it on.
4. Keep work area clean. Cluttered work areas invite accidents.
5. Don't use in dangerous environment. Don't use this machine in damp or wet locations, or expose it to rain. Keep work area well lighted.
6. Keep children away. All visitors should be kept a safe distance from work area.
7. Don't force the machine. It will do the job better and safer at the rate for which it was designed.
8. Use the right tool.
9. Wear proper apparel.
10. Always use safety glasses.
11. Don't overreach. Keep proper footing and balance at all times.
12. Maintain the machine with care.
13. Disconnect the machine from power source before servicing; When changing accessories such as sanding belt or any adjustments.
14. Reduce the risk of unintentional starting. Make sure switch is in off position before plugging in.
15. Never stand on the machine.
16. Check damaged parts. Before further use of the machine, a belt or any parts that is damaged should be properly repaired or replaced.
17. Never leave the machine running unattended. Turn power off. Don't leave tool until it comes to a complete stop.
18. Proper grounding. The machine must be grounded while in use to protect the operator from electric shock.

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Unpacking and Cleanup

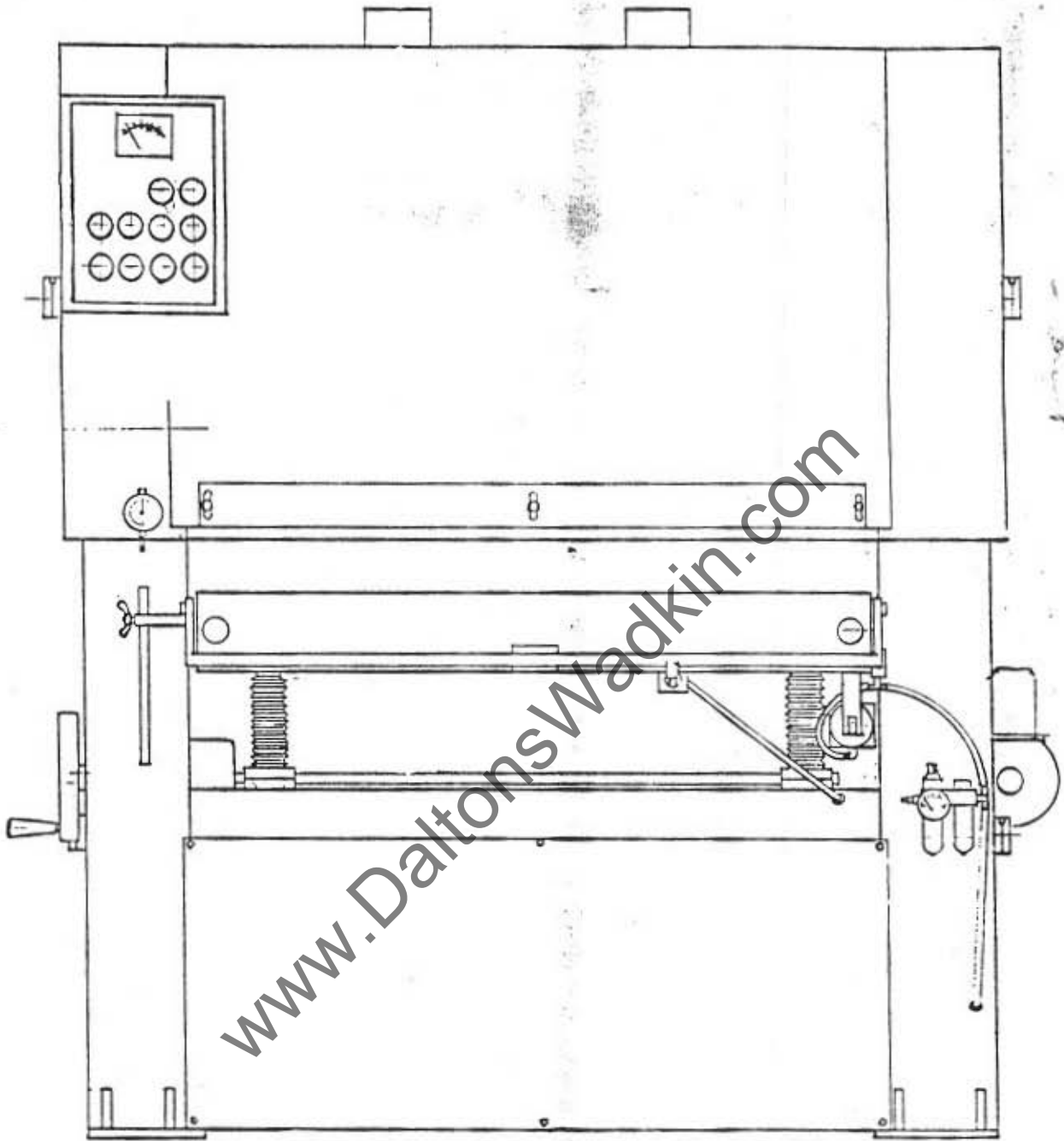
To ensure maximum performance from your Wide Belt Sander clean it properly and install it accurately before use.

As soon as you receive the Wide Belt Sander, we recommend you follow these procedures:

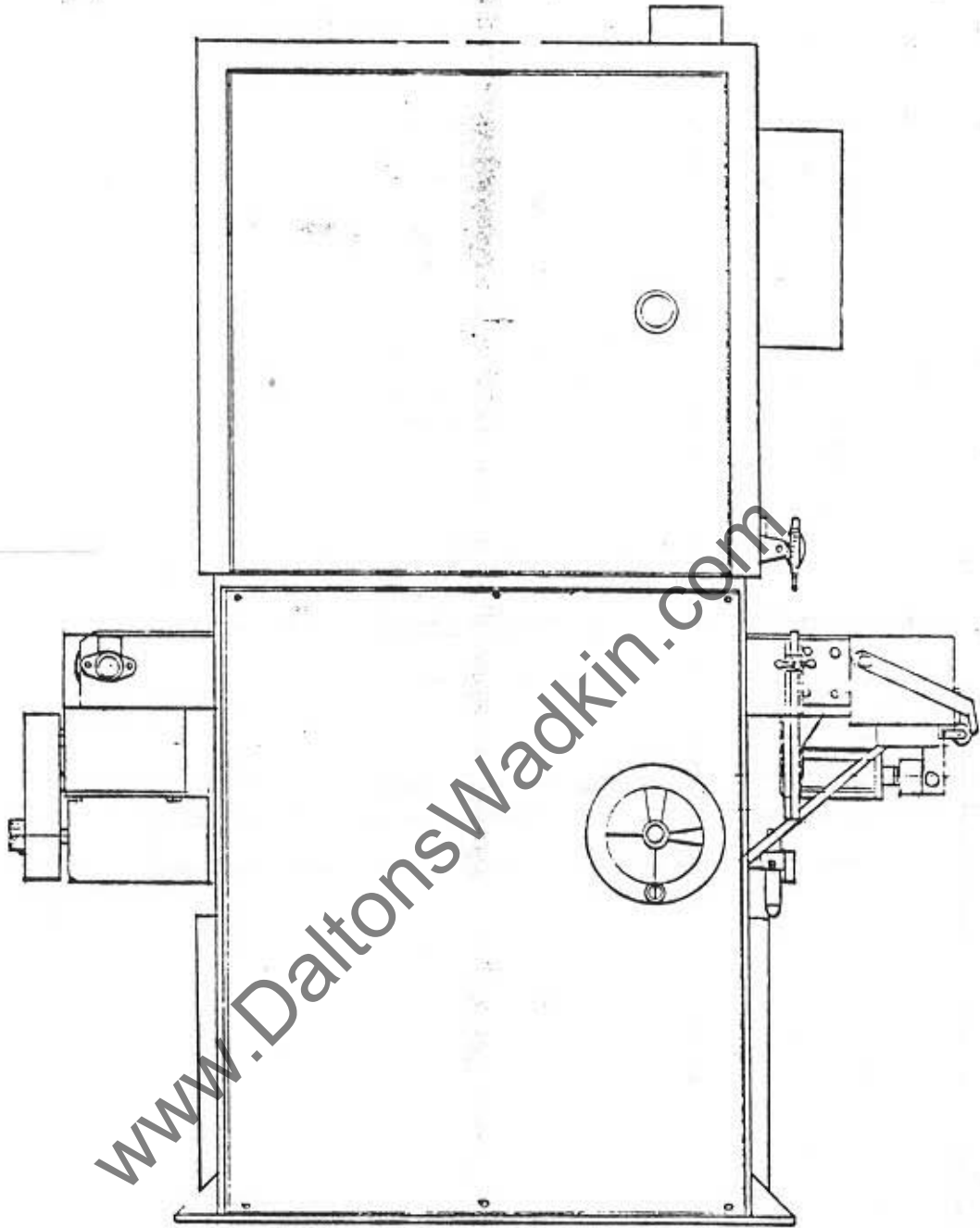
1. Inspect packing crate for damage in transit. Record damage, and report it immediately to shipper.
2. Open crate and check that machine arrived in good condition. If not, let your distributor know immediately.
3. Before lifting machine, remove all foot bolts locking it to its shipping base.
4. Do not use solvents on plastic parts; Solvents dissolve or damage plastic.

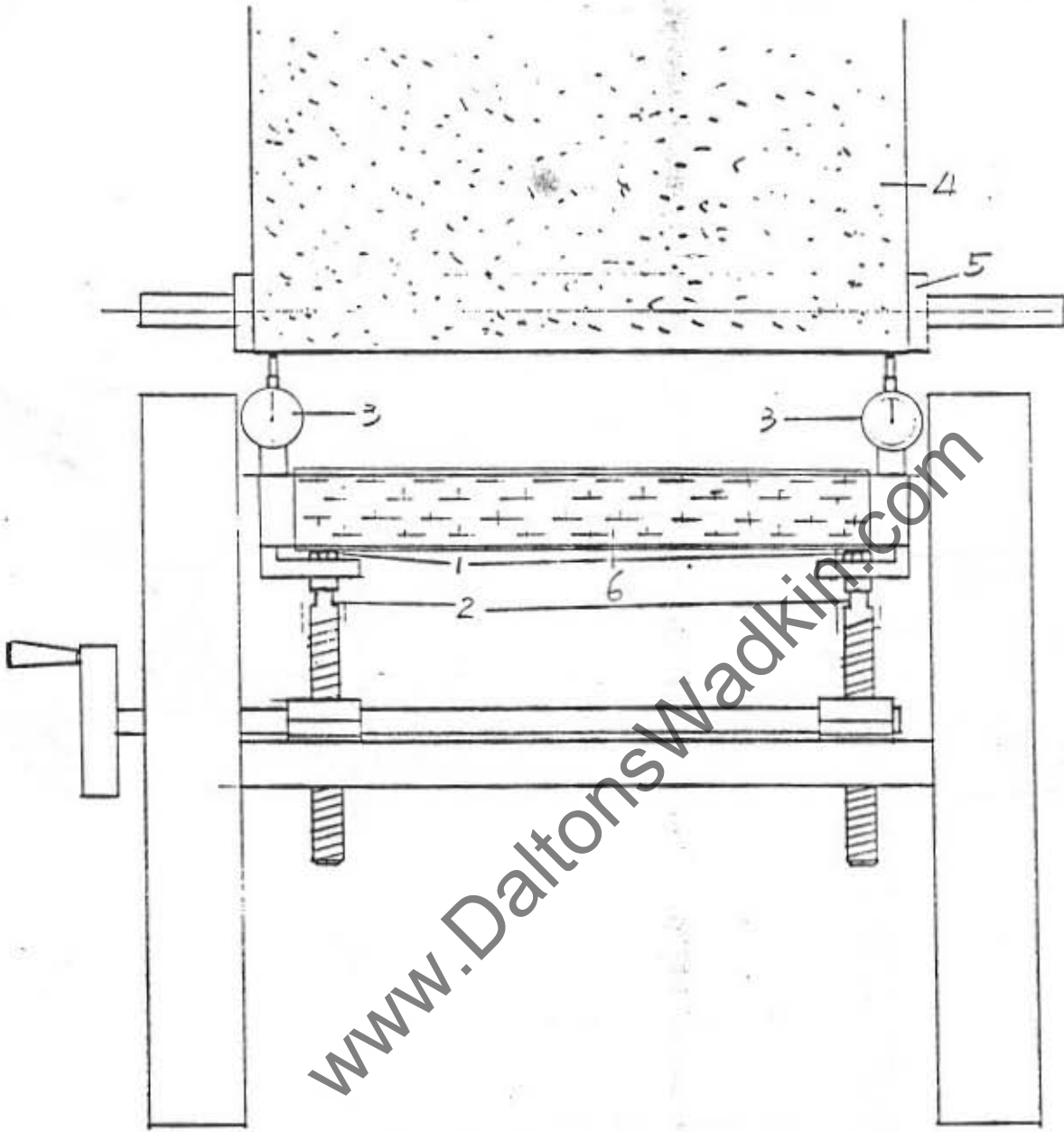
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MACHINE APPEARANCE
MODEL: DW-37A



SIDE VIEW OF DW-37A





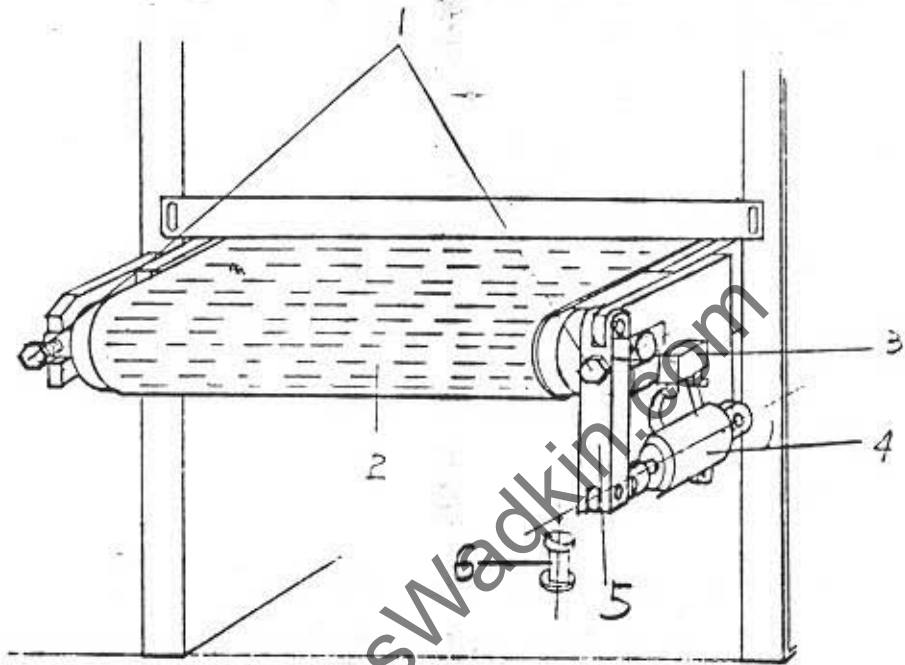
ADJUSTMENT OF TABLE PARALLEL

Number	Description
1	Lock Screw
2	Acme Screw
3	Dial Gage
4	Sanding Belt
5	Contact Drum
6	Table

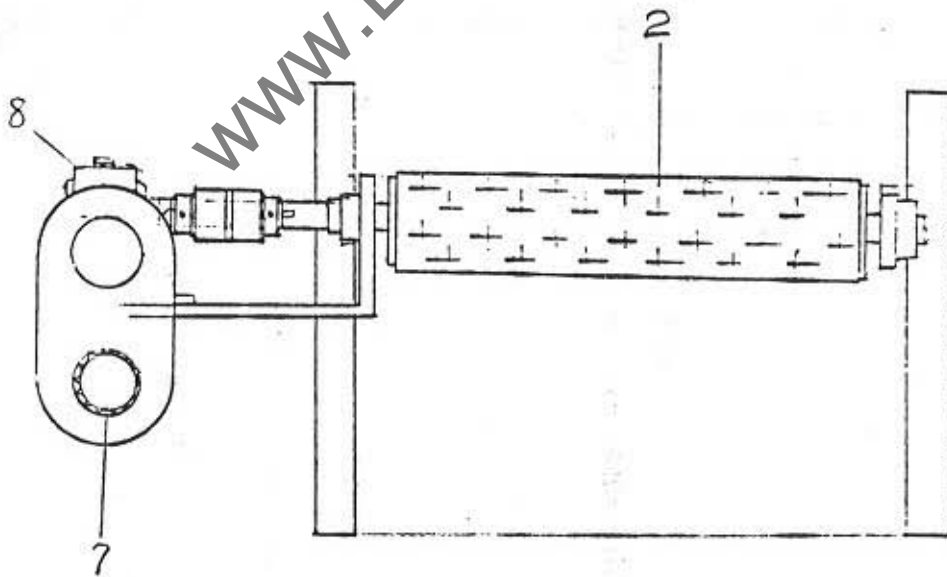
Step:

- A. Disconnect power supply.
- B. Put dial gage on table (6) to touch the sanding belt (4) & Contact Drum (5) until the dial gage indicates approx "0".
- C. Unlock screw (1).
- D. Turn screw (2) for table adjustment till you reach approx. "0.004" total indicator same on both sides of the table.
- E. Tighten lock screw.

FRONT VIEW



REAR VIEW



Conveyor Belt Adjustment

Number	Description
1	Screw
2	Belt
3	Air flow valve
4	Cylinder
5	Conveyor belt adjustable fork
6	Plastic idler wheel
7	Speed dial knob
8	Gear reducer case

* No.3 & No.6 are in same figuration

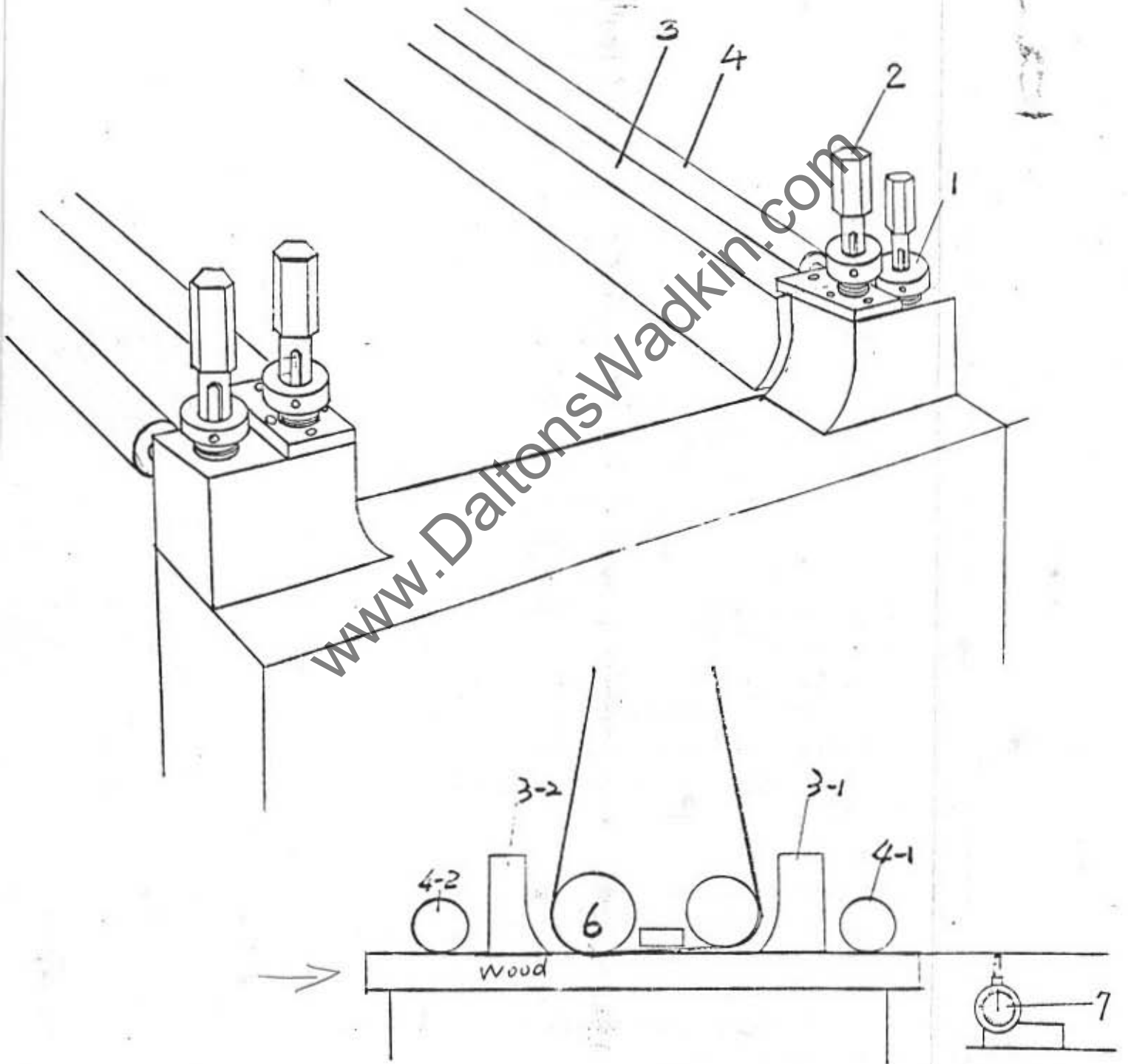
Step:

- A. Loosen the screw (1).
- B. Press the plastic turning wheel (6), see if the cylinder (4) functions.
- C. If the cylinder works, put the belt (2) in the right position. (Touch plastic Idler wheel (6) slightly.)
- D. Push feeding-on button and observe feed belt tracking.
- E. Tighten the left screw (1) first, then do same the right screw.

Note: Let the belt show a tendency to move to the right side to make periodic contact with the Idler wheel.

Speed Adjustment

- A. Push the Feeding-On button.
- B. The gear reducer system remain stationary, turn the hand knob to the right, the speed will be faster; If turns it to the left the speed will be slower.

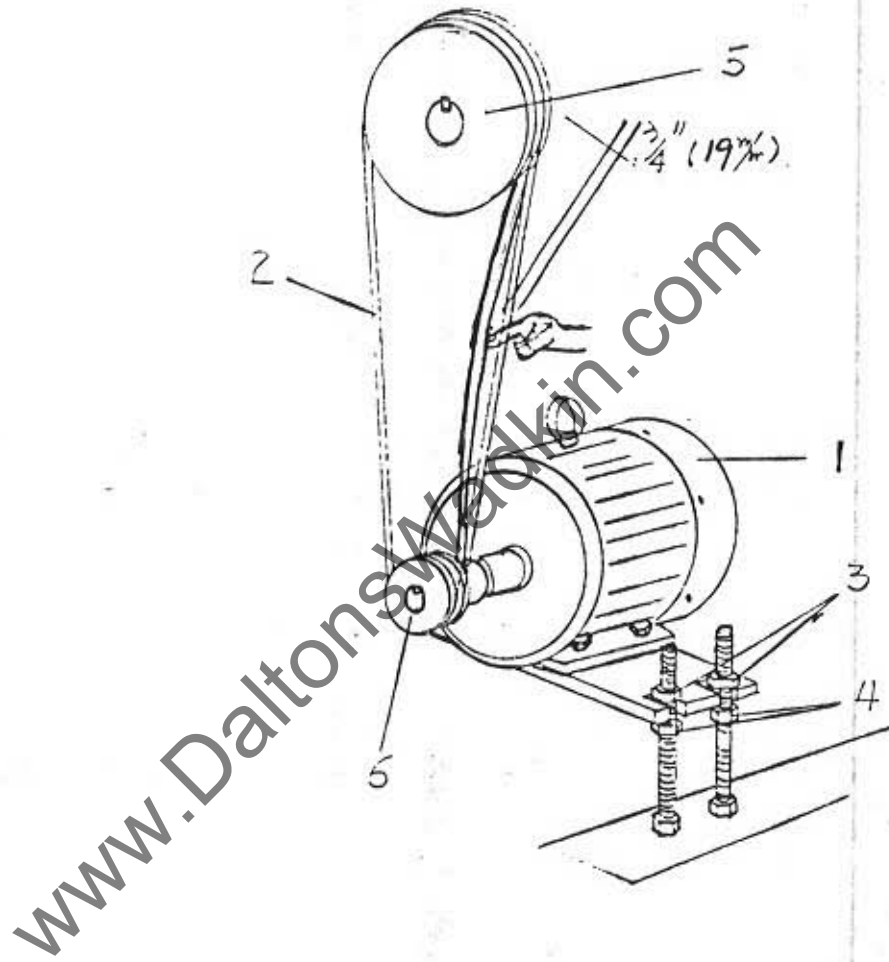


Adjustment Of Pressure Shoes Parallel

Number	Description
1	Fixed screw
2	Screw
3-1,3-2,3-3	Pressure shoes
4-1,4-2	Feeding rollers
5,6	Roller
7	Dial gage

Step:

- A. Insert a wood stock between the table and pressure shoes.
- B. Raise table up to touch the roller (5) & (6).
- C. Loose fixed screw (1).
- D. Unlock screw (2) in order to press the working piece.
- E. Checking the movement of working piece on table, be sure the working piece is in a correct position but not be pressed to tighten.
- F. Tighten the fixed screw (1) to its' right position.



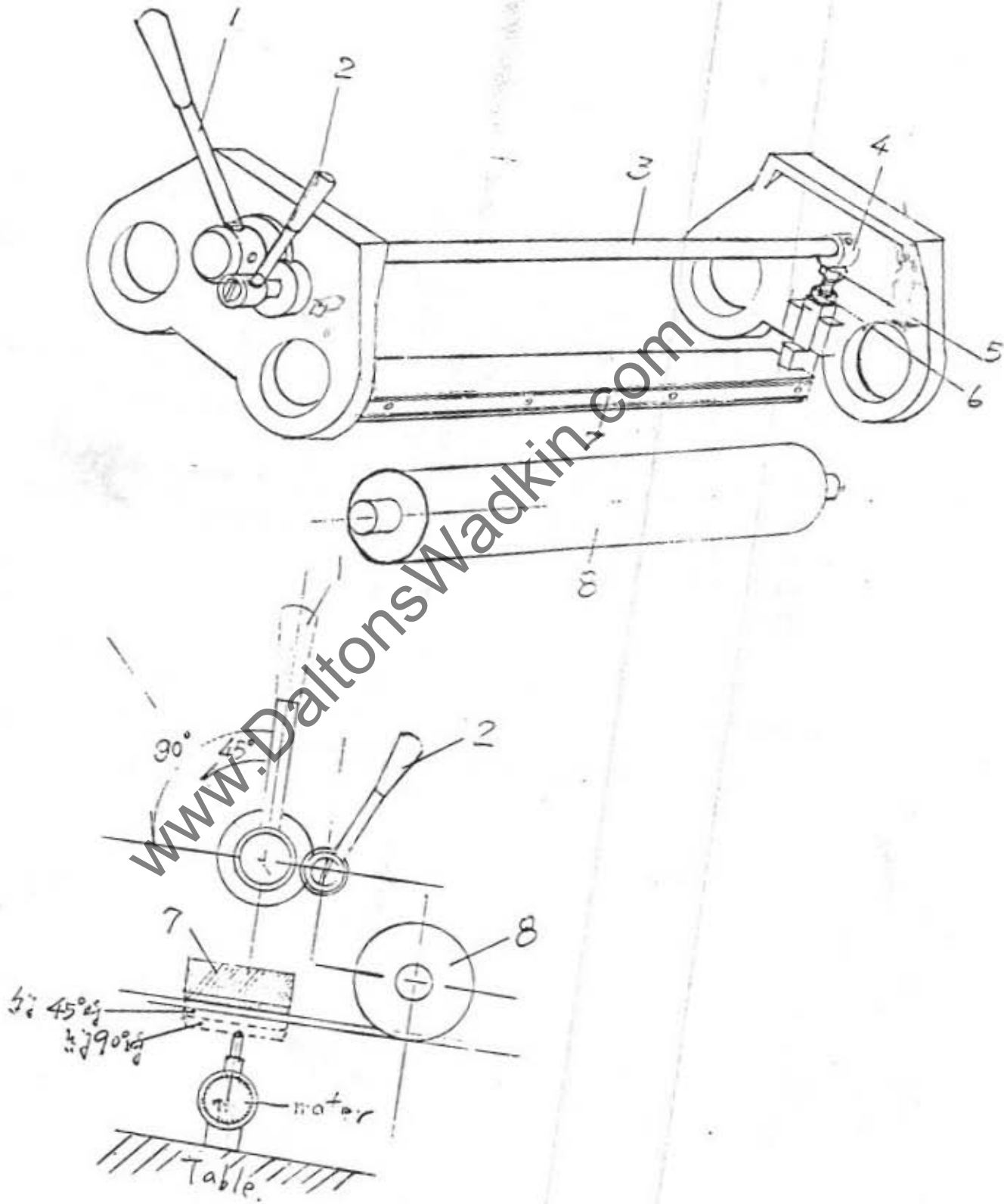
V-Belt Tensioning/Changing

CAUTION

MAKE SURE THAT POWER IS DISCONNECTED

- A. Loosen upper lock nuts (3) to free the motor mount plate (7).
- B. Change set of V-Belts (2) with matching length belts.
- C. Turn lower adjusting nuts (4) to raise or lower motor mount plate (7). The weight of the motor will pivot the mounting plate until proper belt tension is achieved.
- D. Adjust motor mount plate until belt tension reaches approximately 3/4" tension.
- E. Make sure that both lower nuts (4) have equal contact with the motor mounting plate and tighten counter nuts (3).

Please Note: New belts will wear in during the first few days of operation and need special attention before starting the machine.



Platen Head Adjustment

Number	Description
1	Eccentric Handle
2	Unlock handle
3	Eccentric shaft
4	Eccentric cam
5	Adjustment screw
6	Nut
7	Platen
8	Contact roller

Step:

- A. When handle (1) is in the position as Fig. shown, the platen (7) should be higher than roller approx.0.039".
- B. Move left the handle (2).
- C. When moving the handle (1) to left to about 45° position, platen will be lower than roller (8) approx.0.039"(1mm), when it is in 90° position, platen (7) lower than roller (8) about 0.078"(2mm).
- D. Adjust it to the suitable condition depends on the hardness of piece to be sanded.
- E. Turn Handle (2) to left.

Attention: If the thickness between the left and the right side of working piece is different, please use dial gage to check.

- A. Down the table to suitable position.
- B. Put dial gage to touch the two sides of platen (7) between the platen and table.
- C. Loosen Nut (6), to test the pointer movement of dial gage are in the same deviation by means of moving the screw (5) up and down.
- D. Tighten Nut (6).

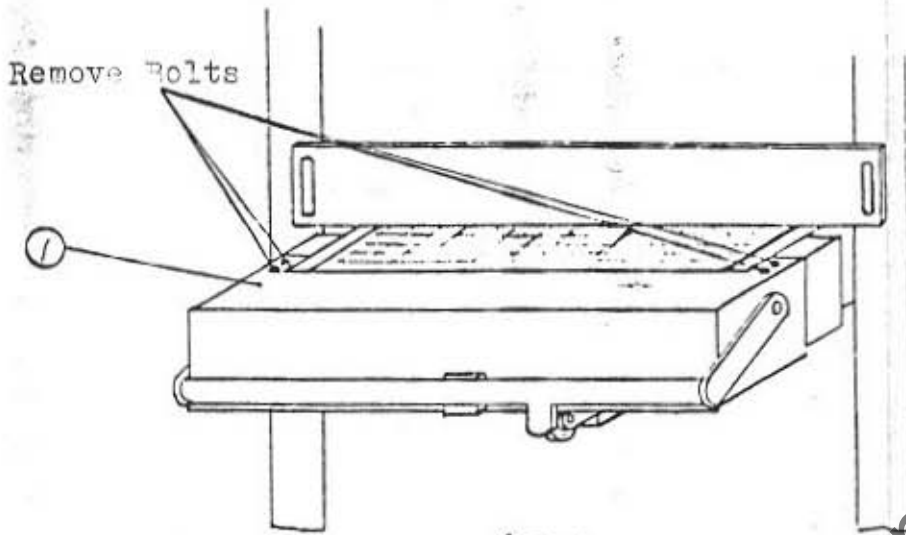


fig: 1

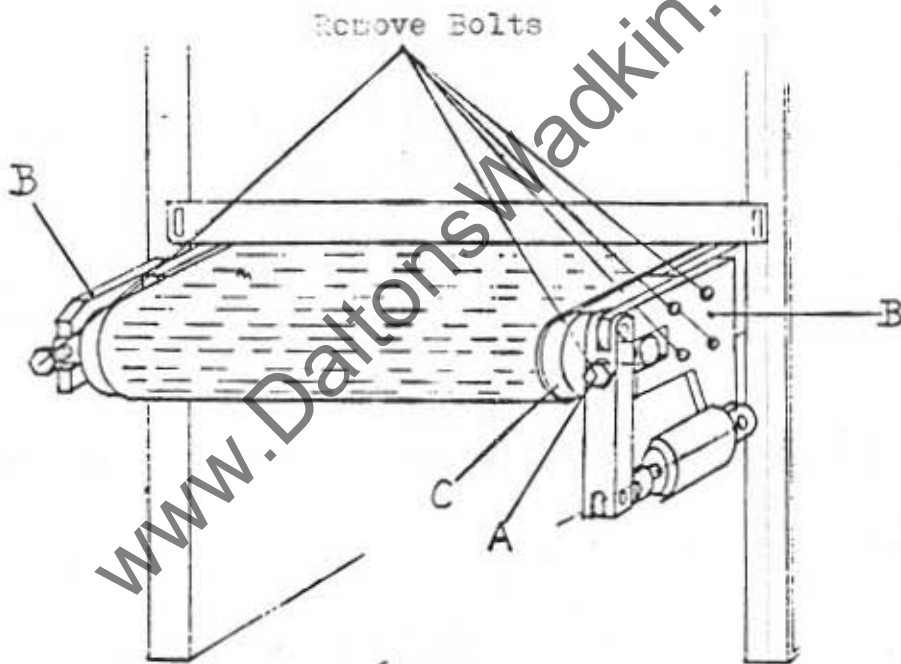


fig: 2

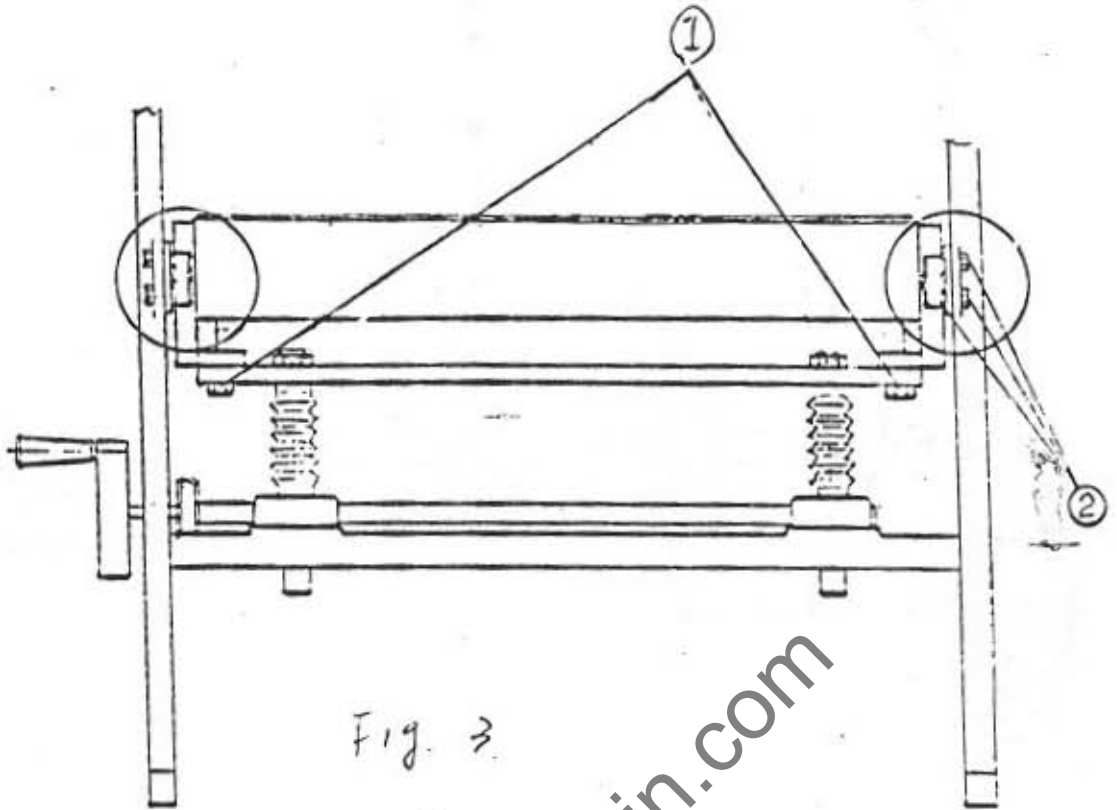


Fig. 3

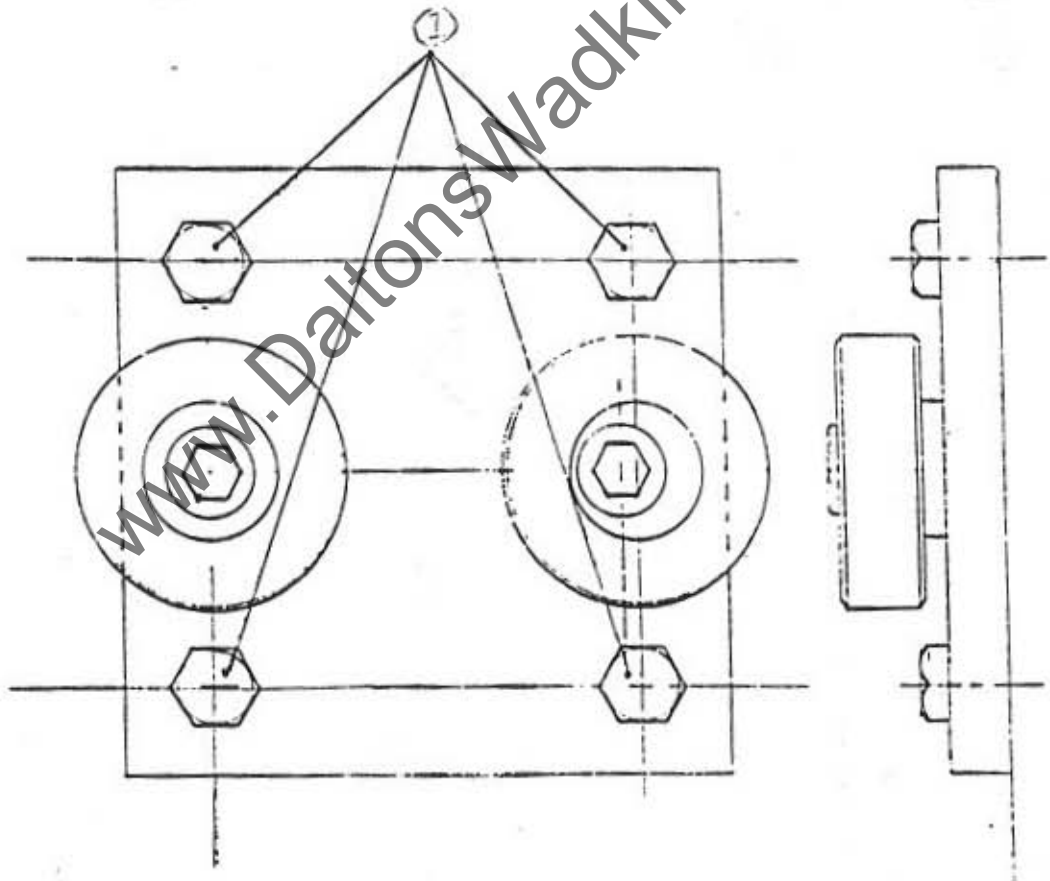
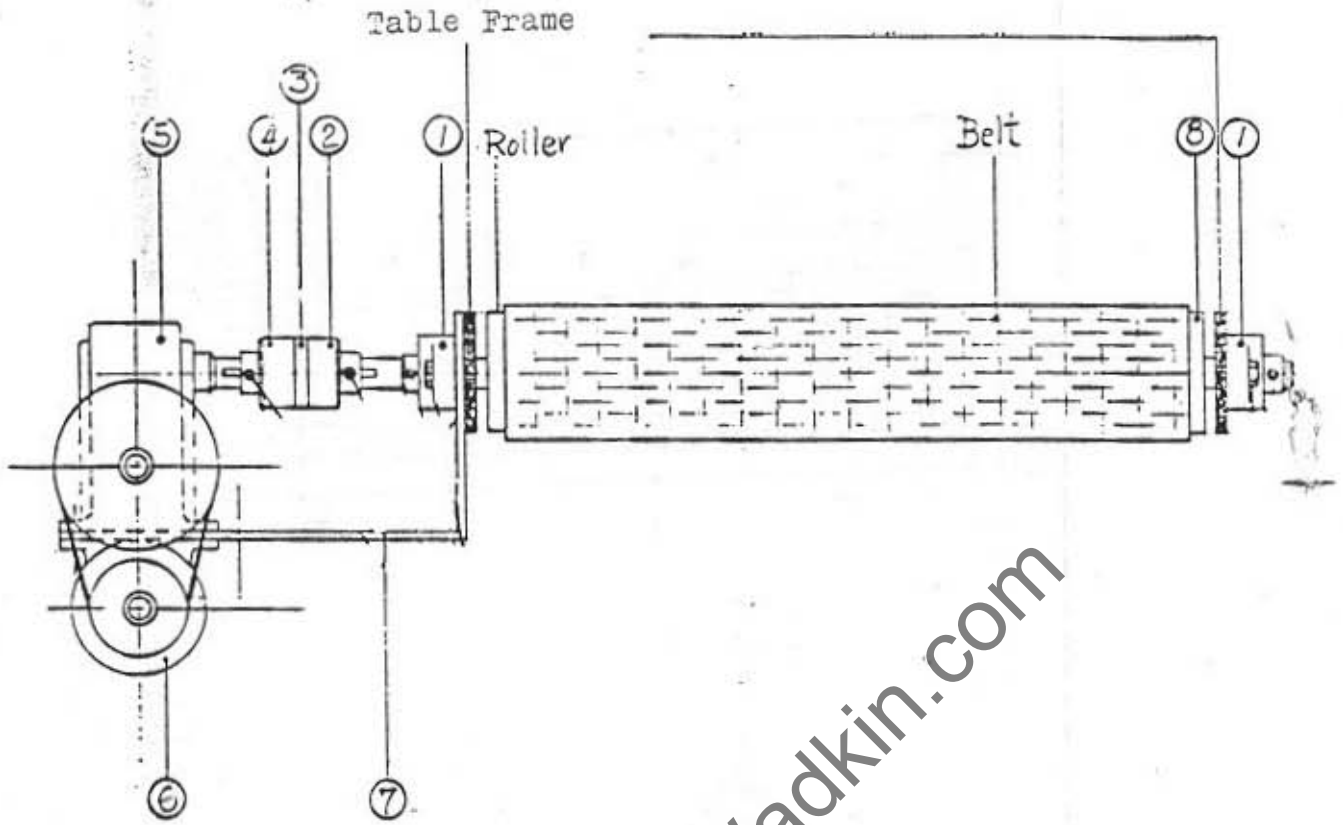


fig. 4



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Changing Conveyor Belt

Disassemble Work Table To Replace Conveyor Belt

- A. Have power disconnected on the machine.
- B. Lower the table by 3".
- C. Remove safety guard (fig.1-1) and unscrew conveyor tension bolts (fig.2-A & B).
- D. Take off left and right hand support plates of the front conveyor roller (fig.2-3) and remove the roller (fig.2-0).
- E. Remove the reduction gear as one unit and separate the coupling (fig.5-1 & 4).
- F. Unbolt roller bearing block (fig.5-1) and remove rear conveyor roller (fig.5-3).
- G. Remove slide plate bolts (fig.4-1) and table support bar bolts (fig.3-1).
- H. Support table on wood and prepare to slide the unit out.
- I. Slide table out and remove old conveyor belt.
- J. Slip new pre-fitted belt over table and reverse disassembly sequence.

- New Conveyor Belt - refer to conveyor belt adjustment chapter 2-2, Keep in mind that the new belt needs to settle a bit and must show a tendency to move to the right side to make intermittent contact with the idler wheel of the air flow valve.

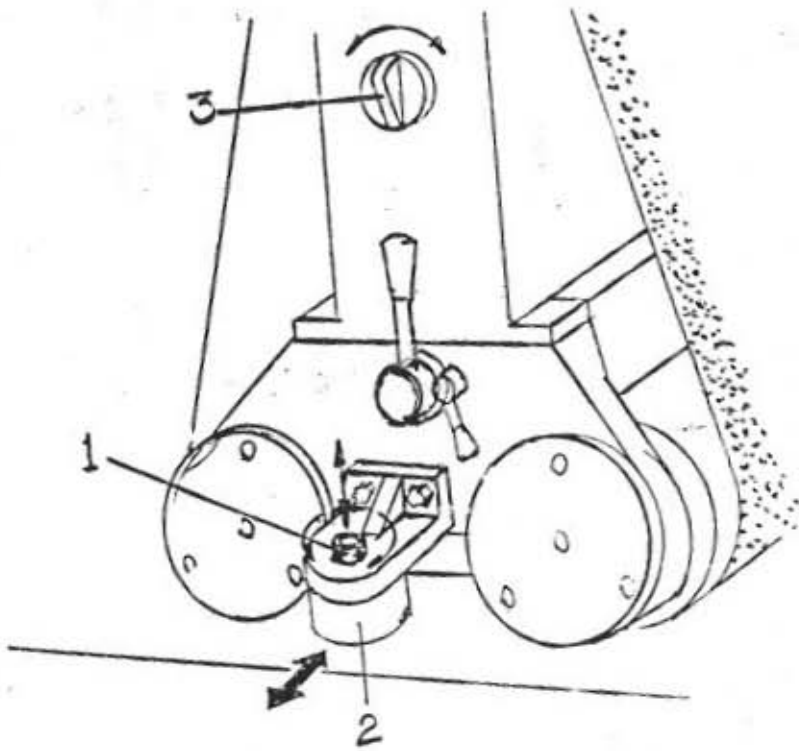


Fig. 6

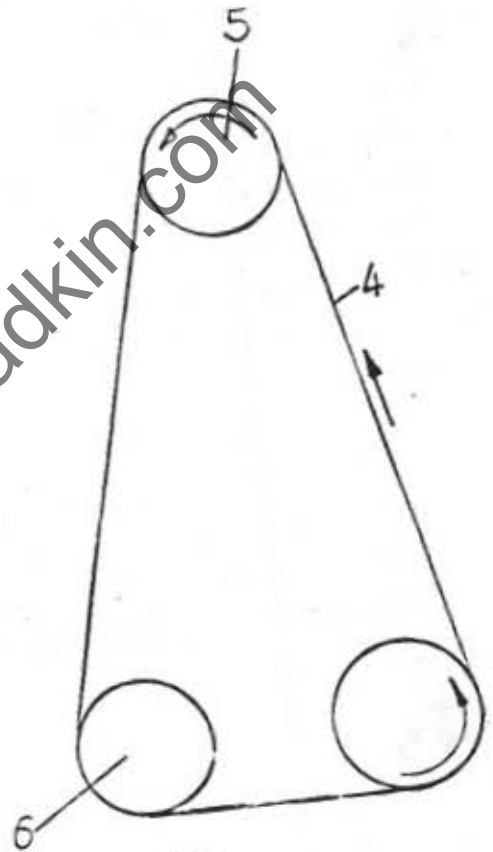


Fig. 7

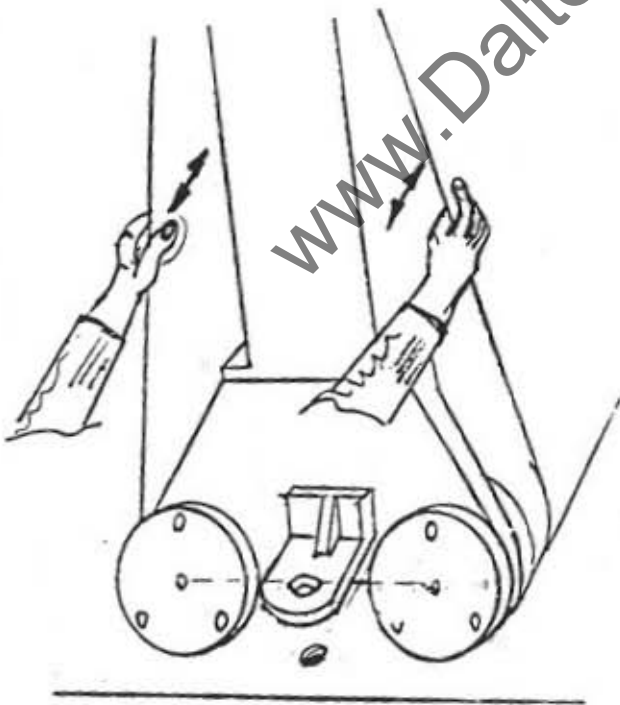


Fig. 8

Changing Sanding Belts

Ref. Figure 8,9 &10

Number	Description
1	Lock Screw
2	Spacer Block
3	Air Valve Switch
4	Sanding Belt
5	Tension Roller
6	Contact Roller

- A. Switch off power supply.
- B. Shut off air valve switch (3) to the belt tension cylinder.
- C. Remove lock screw (1), turning counter clockwise (fig.8).
- D. Remove spacer block (2).
- E. Remove old belt.

CAUTION

- F. Make sure that arrows at the inner side of the new belt matches the rotation of the machine (fig.9).
 Make sure that sanding belt edges are not chipped or torn.
- G. Insert new belt by starting first on the top tension roller and then on the contact roller-fig.9 & 10-
 Center the belt and avoid contact with limit switch fingers on both sides of the belt.
- H. Replace spacer block and tighten lock screw (fig.8).
- I. Turn "ON" air valve switch (3) for sanding belt tensioning and check that belt edges have clearancer with limit switch fingers on both sides.

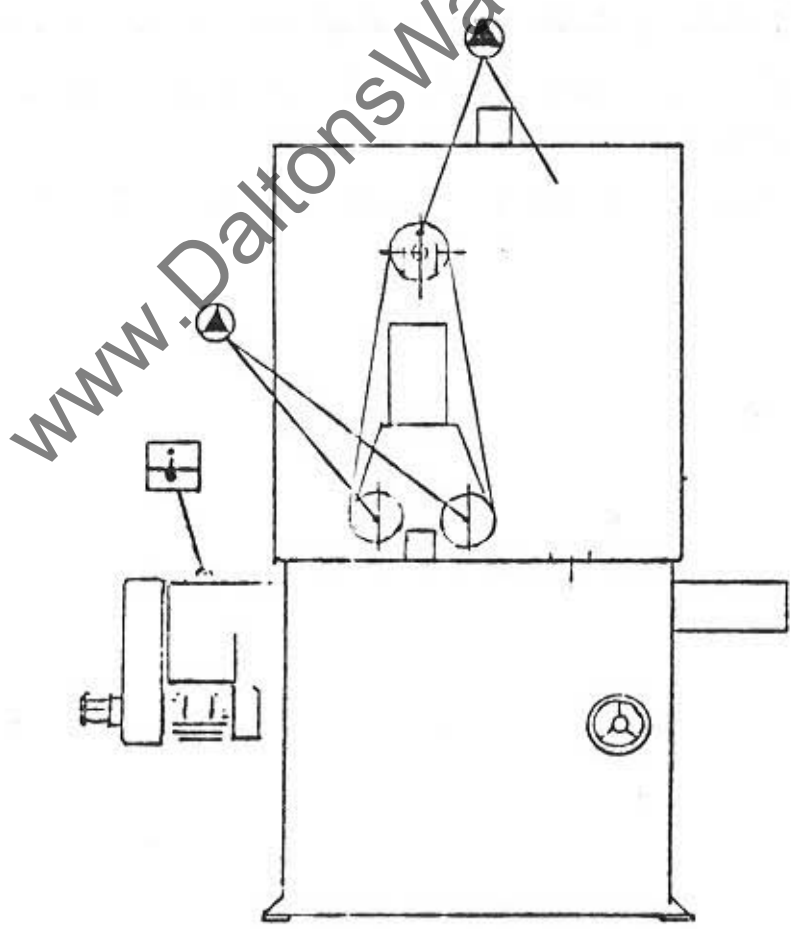
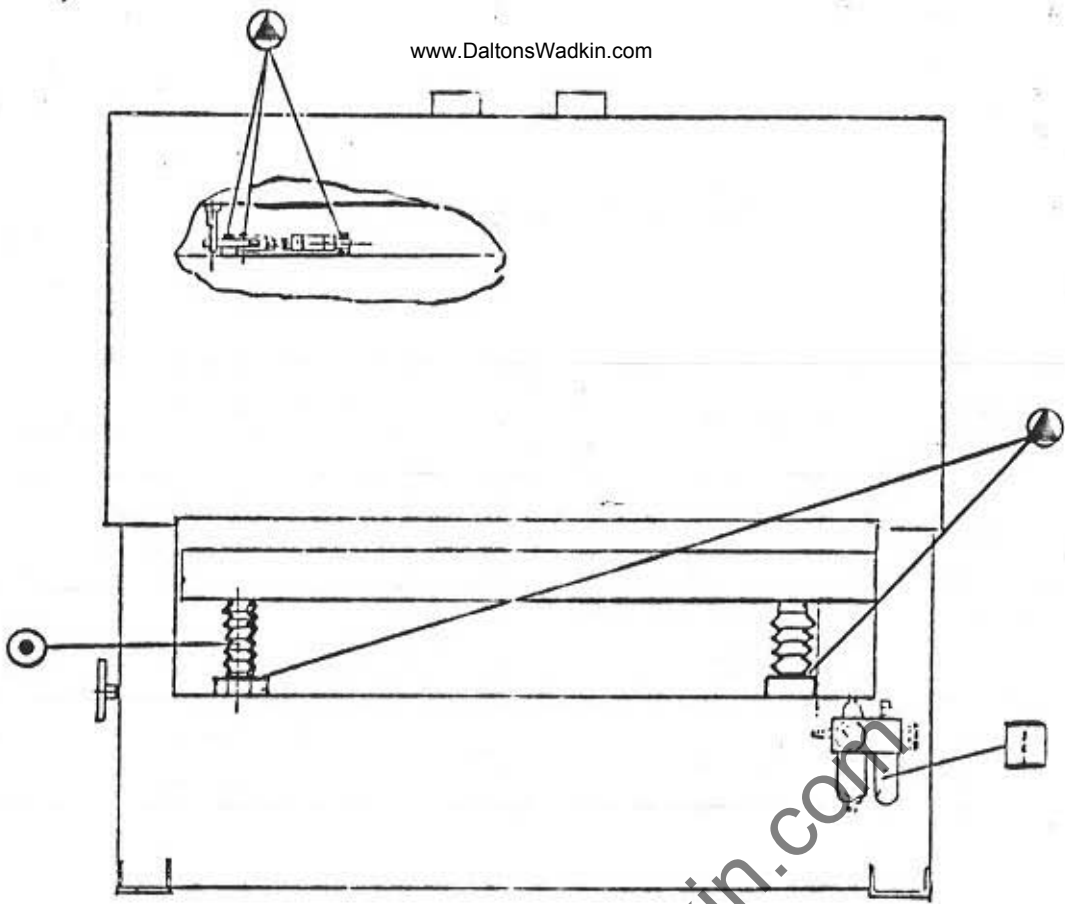
CAUTION

Machine will not start running if limit is depressed.




- J. Make repeated belt position corrections if need with air valve switch (3) at "off" position and repeat motions of paragraph -H-.

CAUTION

Never start machine without safety check.
Never start machine without air supply.
Never start machine in the mode of air valve switch "off" position.



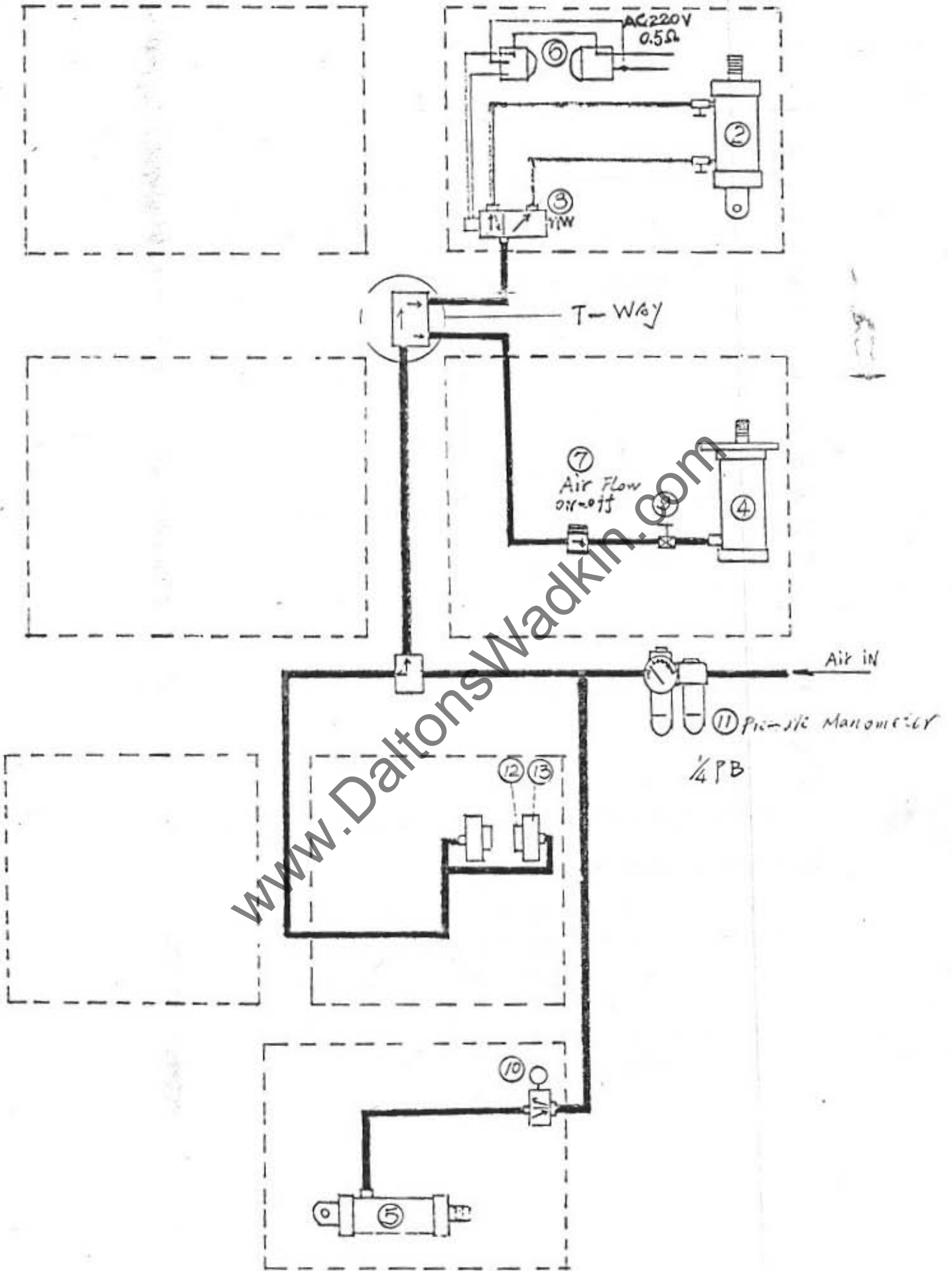
LUBRICATION

	Grease Nipples	Monthly	Shell Alvania R2
	Oil Nipples Table Adjustment	Weekly Yearly	Shell Omala Shell Tonna T68
	Gear Box	Yearly	Shell Fett #90
	Spindles	Yearly	Shell Heavy Duty Grease

All lubrication points of the machine are indicated in red.

After 15.000 operation hours all bearings have to be checked to be renewed if necessary.

Regulary lubricate the shaft and the bush of the tension unit.



Air Supply System

Item	Description
2	Tracking cylinder (CM30X5ST)
4	Tension cylinder (FA63X50ST)
5	Feeding belt tracking cylinder (CB50X20ST)
6	Electric eye (0.5 AC 220V)
7	Cut-Off valve (1/8)
8	Solencoid valve (for abrasive belt oscilation) (ACV 1/4)
9	Speed control valve (1/8)
10	Control valve (1/4)
11	Filter regulator gauge (1/4)
12	Brake pad
13	Brake controller

Maintenance of The Airunit

Maintenance:

1. Daily maintenance

Remove condensation water from glass filter.

2. Monthly maintenance

Unlock and remove ring A of the plastic housing.

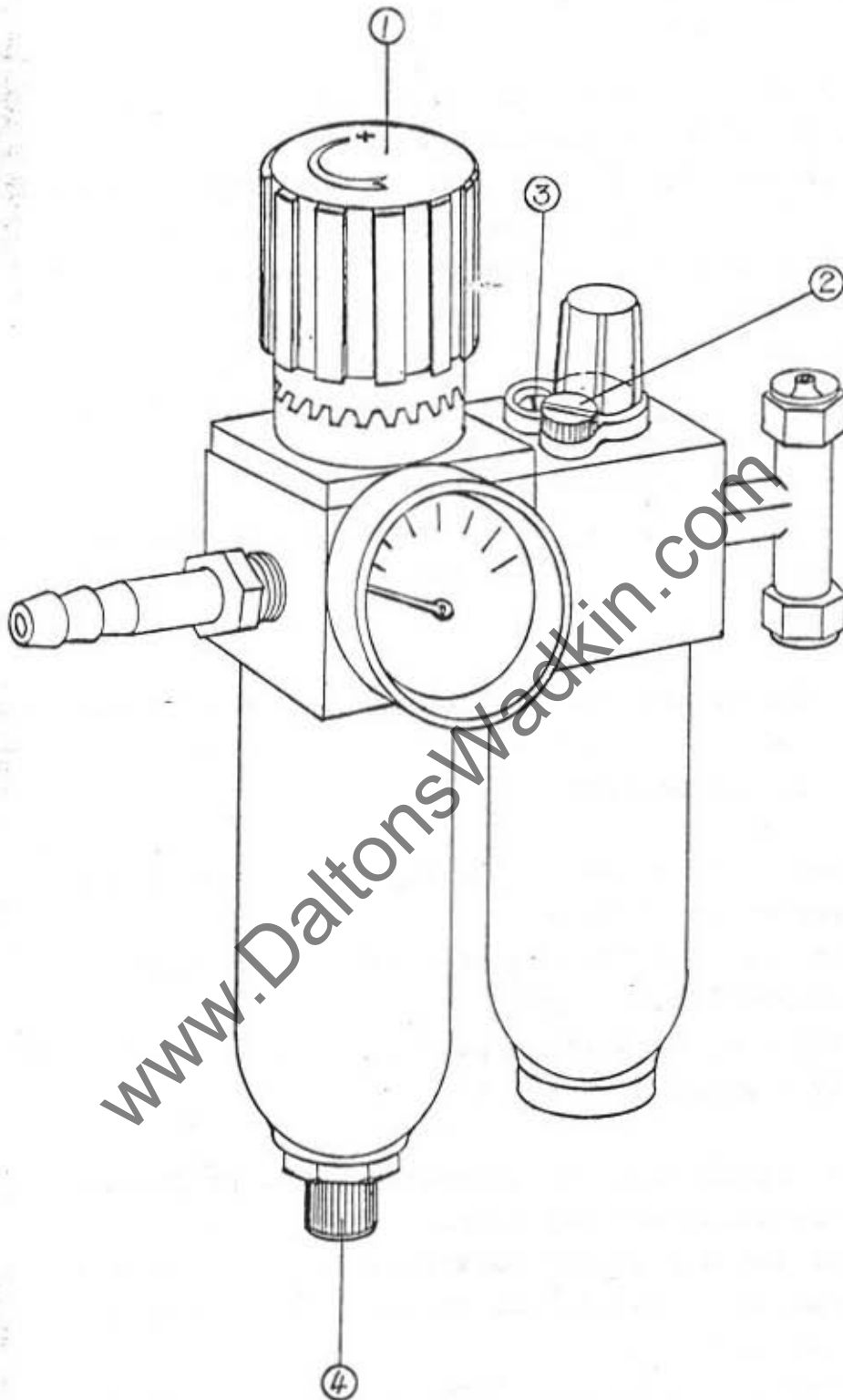
Clean with a dry rag the plastic housing.

Do not clean with detergent or any other liquid.

Remove brass filter unit by unlocking nut.

Clean with airpistol.

Assemble properly again.



1. Regulator
2. Impregnating Oil Hole
3. Adjusting Screw for Controlling Oil Flow
4. Water and Impurities Exhaust Port

CONNECTION TO AIR SUPPLY LINE

1. The machine is to be connected to an air supply unit which supplies a pressure of minimum 6 atm.

It should be checked whether this supplies really dry and clean air. If this is not the case a special water separator and airfilter have to be installed in front of the machine, for even the slightest moist particle affects the interior of the machine and disturbs the optical operation.

If pressure drop is lower than 6 atm. the unit has to be provided with an extra buffer tank which has to be installed between the compressor and the machine.

Attention should be paid to the fact that the pressure drop may never be lower than 5 atm. otherwise, the belt control will be adversely affected.

2. The connection of the air supply hose into the machine has to be means of a hose on the air filter situated at the left bottomside in the machine.

3. You can check this valve by opening the main cock and reading the pressure of the manometer.

Should this unexpectedly not fit, you should check the pressure of your unit as yet.

Only now you can, by using a pick-lock, adjust the correct pressure by turning plug no. 1.

4. The machine should also be connected to an extraction unit of a satisfactory capacity.

The need of the air in the suction tube has to be minimum 25

Whereas the capacity has to be equal to that which to be found in chapter.

The diameter of the suction pipe is also indicated.

DEFICIENCIES IN THE SANDING PATTERN:

1. Notches of grooves in the work piece straight strip.
CAUSE: Dirty pressure bar.
2. Snake-marks on a part of the working piece.
CAUSE: Local damage of the sanding belt.
3. Striaght parallel running stripes over the entire width of the working piece.
CAUSE: Joint of the sanding belt is too thick or open.
4. Gleaming spots on the wood.
CAUSE: * The sanding belt is too old.
* The rear pressure bar is too low.
* The contact roller is too high.



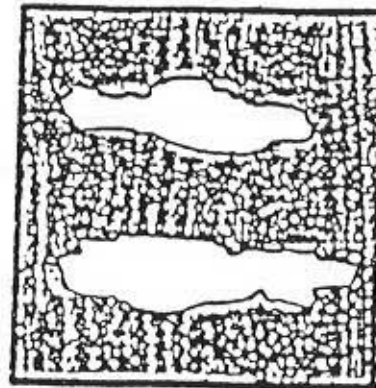
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2



3



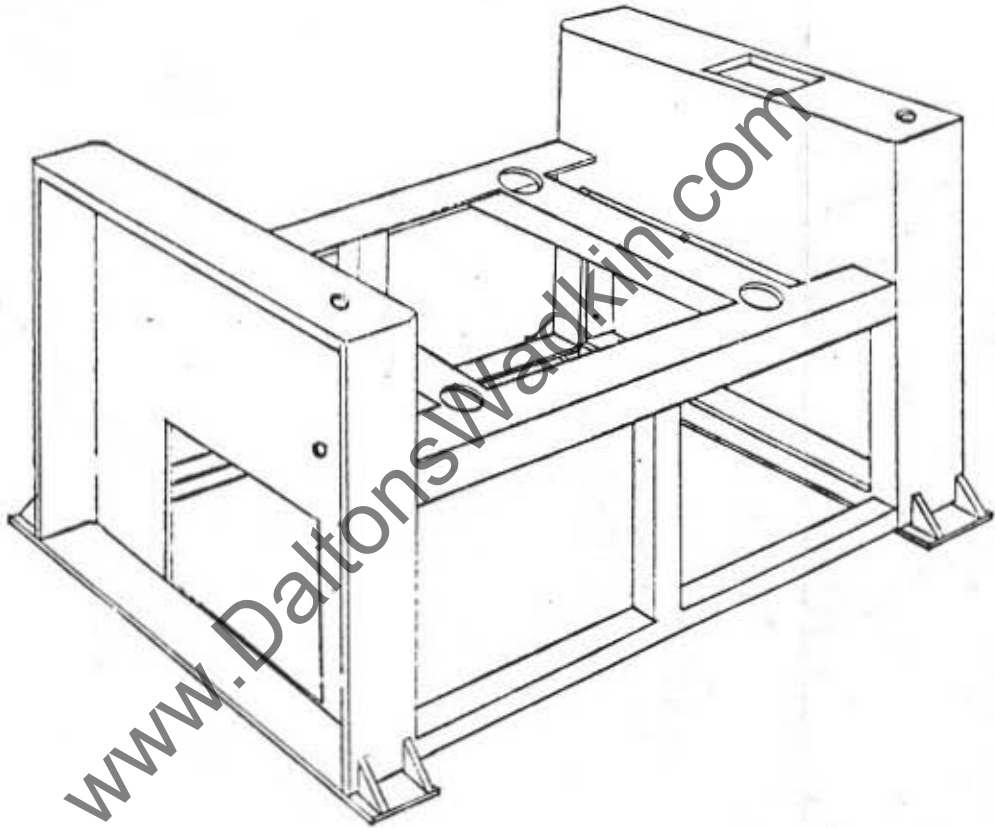
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DEFICIENCIES DURING THE SANDING OPERATION

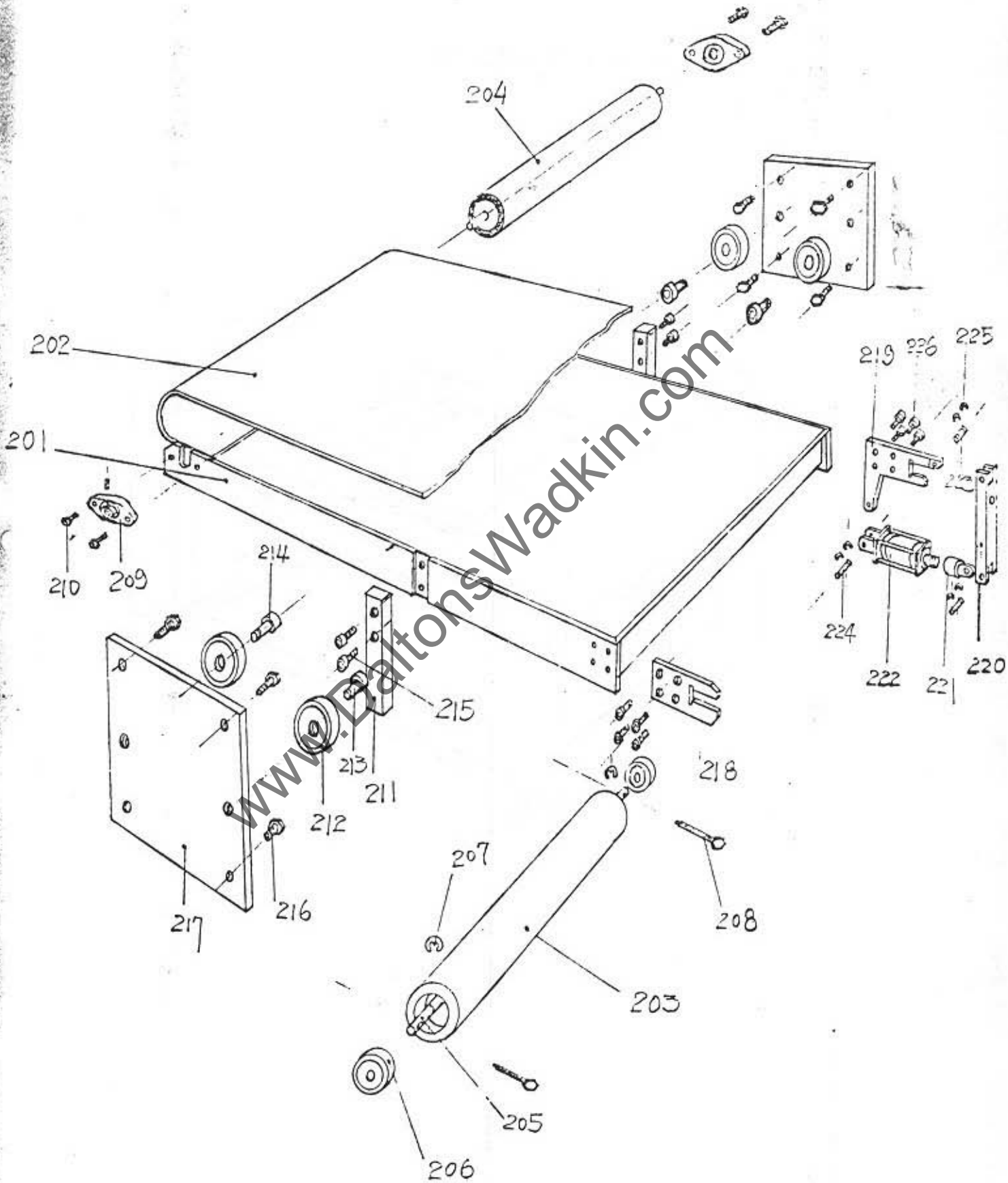
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SIGNS	CAUSE
The stock to be sanded is thinner at the beginning.	The rear pressure bar is too low in relation to the contact roller.
The stock to be sanded is thinner at the end.	The front pressure bar is too low in relation to the contact roller.
The sanding paper clogs too quickly.	The grit of the sanding paper is too fine. Too much material is sanded off. The wood is too oily and clogs the abrasive grains too quickly. The exhaust is insufficient. There is too much dirt or glue on the wood. The wood is too moist.
Too much roundings occur along the edges when solid wood is sanded.	Too much material is removed so that the contact roller is pressed too much.
Differences in thickness between the left and the right side of the working piece.	The table is not correct position in relation to the contact roller. (See checking page chapter Q) The front pressure bar is not in a correct position in relation to the contact roller.
Differences in thickness between the front and back side of the working piece.	Through feed speed is too high. Too much stock-removal. The sanding paper is too fine in relation to the stock-removal.
The work piece slips on the conveyor belt.	Too small pressure between the pressure bar, working piece and/or table working piece. Too much dust on the conveyor belt. The rear pressure bar is too low, so that this stops the work piece.

MAIN MACHINE BODY



TABLE/CONVEYOR BELT PARTS

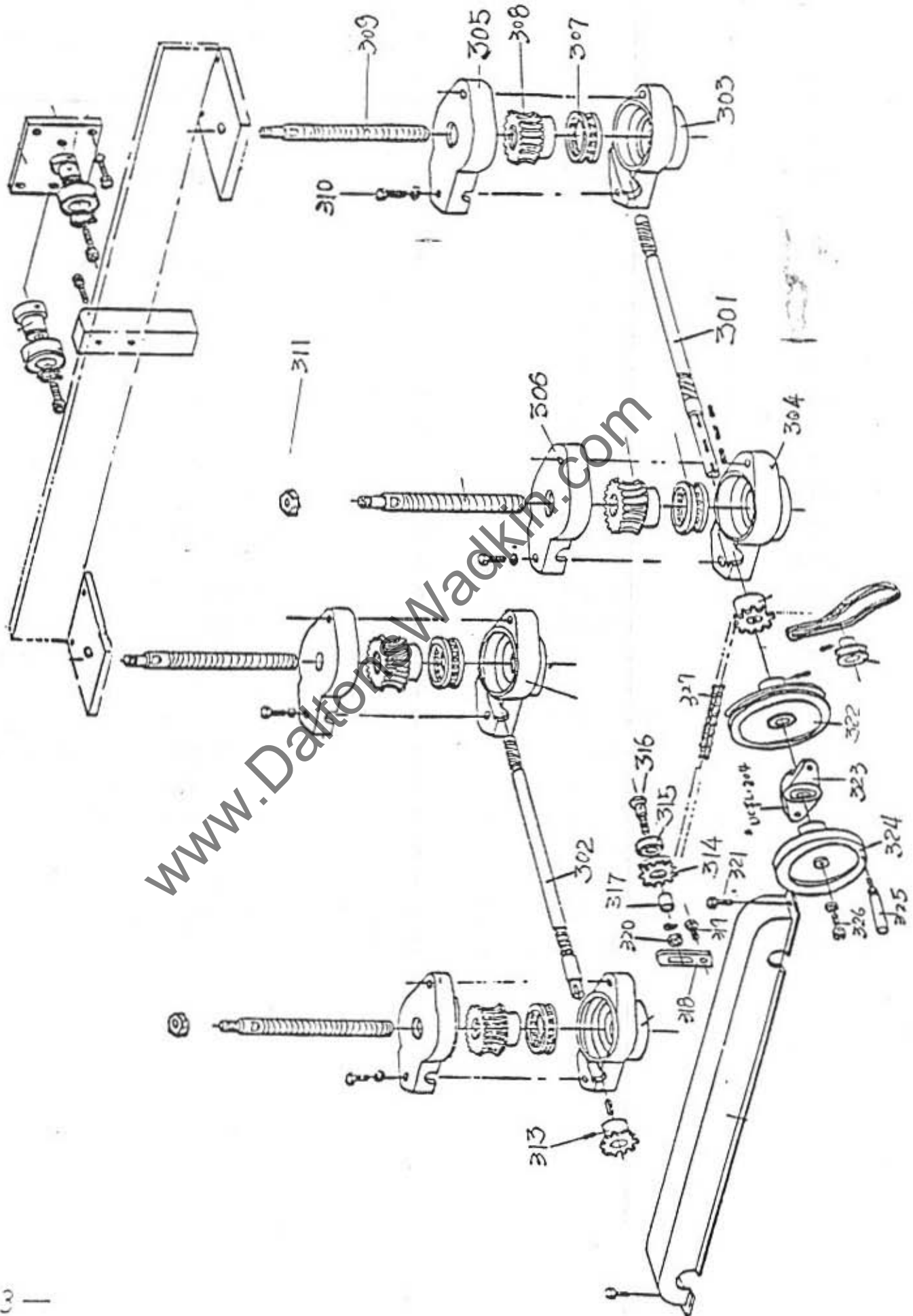


Table/Conveyor Belt Parts

Item	Parts No.	Quantity	Description
201	DW-37201	1	Table
202	DW-37202	1	Conveyor belt
203	DW-37203	1	Roller tube
204	DW-37204	1	Rear feeding roller
205	DW-37205	1	Roller tube bar
206	DW-37206	2	Bearing (6206Z)
207	DW-37207	2	Spring Ring (C15)
208	DW-37208	2	Adjustable screw
209	DW-37209	2	Bearing (UCFL-205)
210	DW-37210	4	Screw
211	DW-37211	2	Ball bearing bracket
212	DW-37212	4	Bearing (6205ZZ)
213	DW-37213	2	Eccentric screw
214	DW-37214	2	Screw
215	DW-37215	4	Screw
216	DW-37216	8	Screw
217	DW-37217	2	Rear feeding roller base
218	DW-37218	1	Roller support
219	DW-37219	1	Roller support
220	DW-37220	1	Conveyor belt adjusting fork
221	DW-37221	1	Cylinder joint
222	DW-37222	1	Cylinder (ST-50)
223	DW-37223	2	Setting Pin
224	DW-37224	1	Setting pin
225	DW-37225	6	Spring Ring
226	DW-37226	8	Screw

TABLE DRIVE PARTS

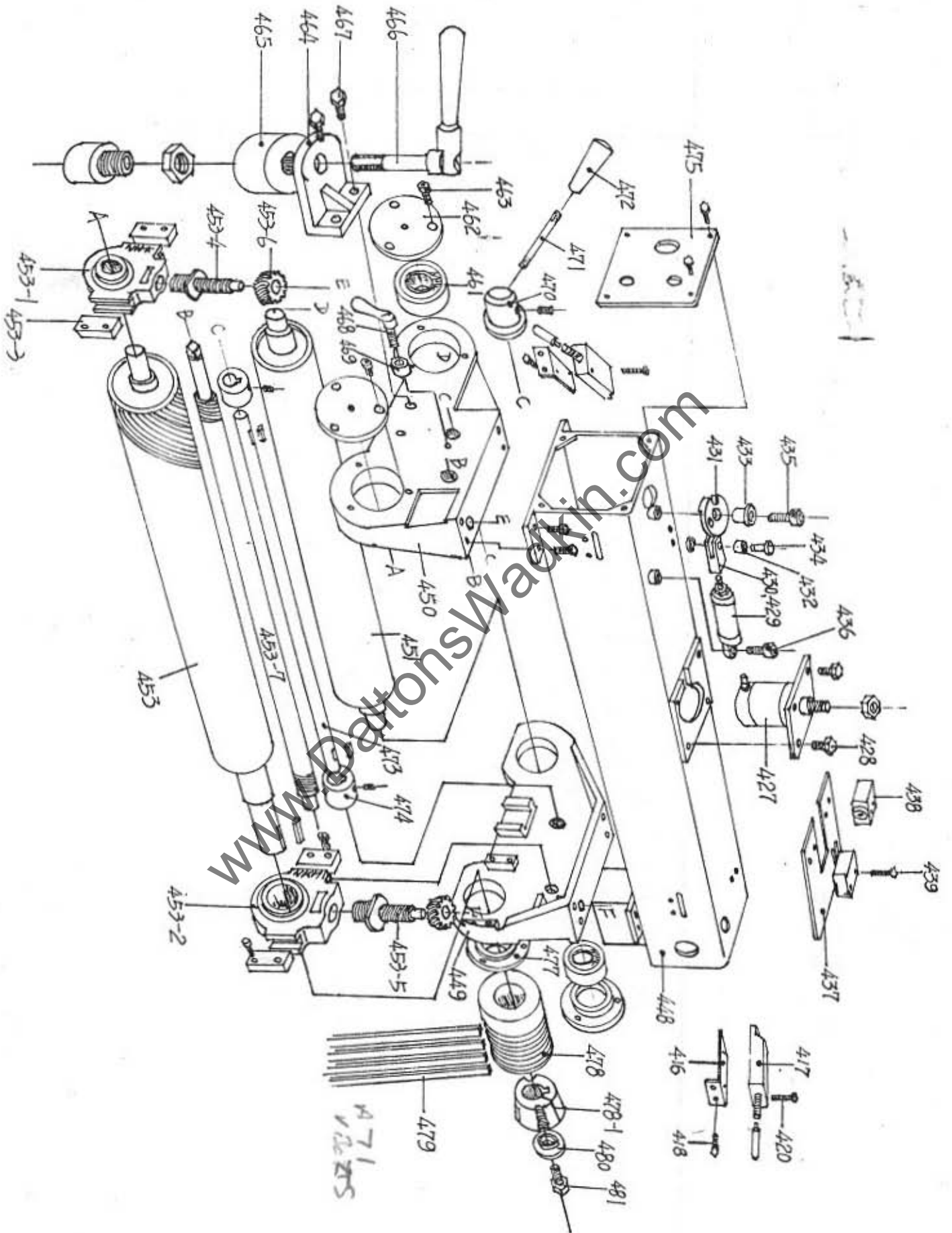
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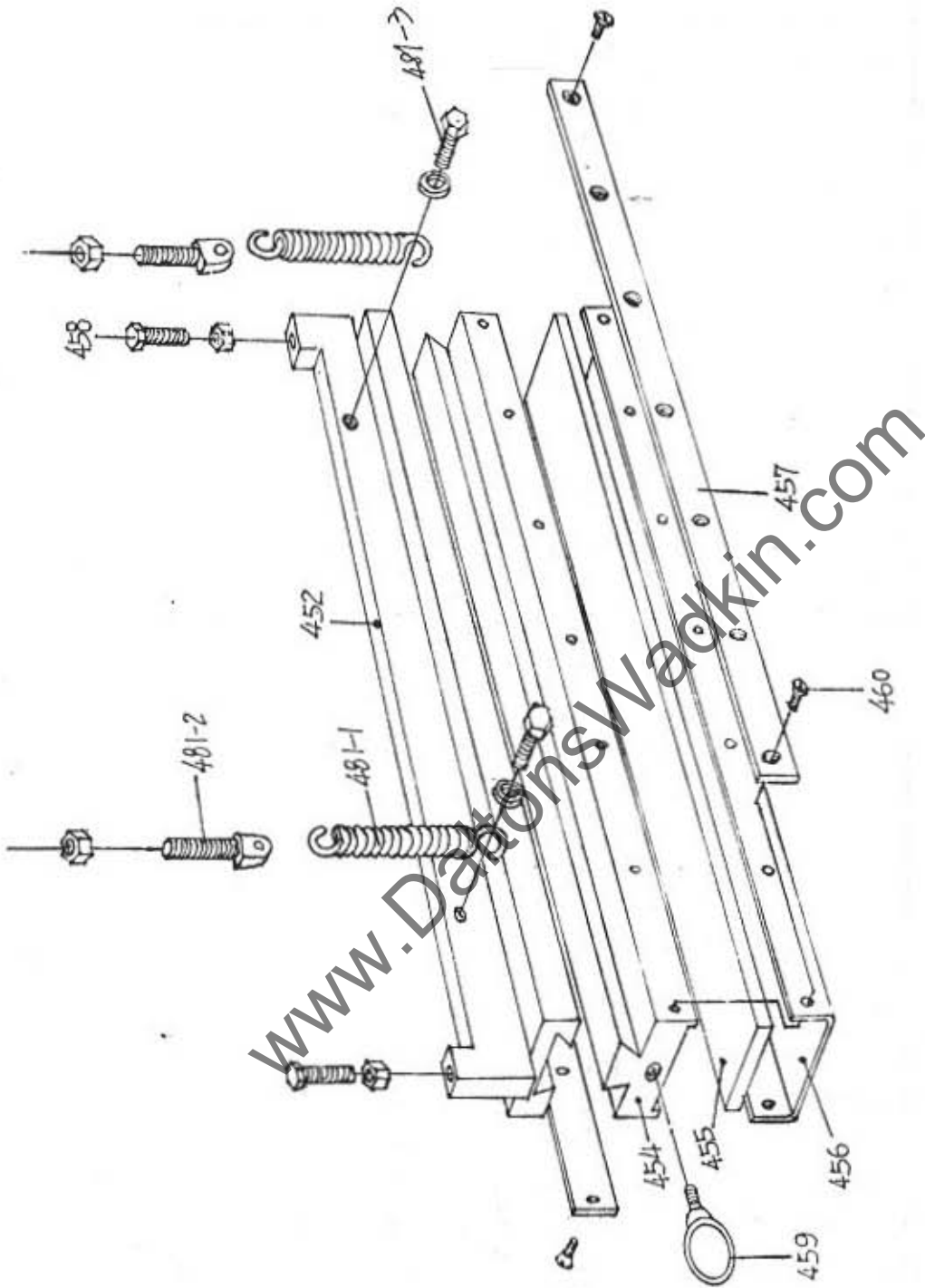


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Table Drive Parts

Item	Part No.	Quantity	Description
301	DW-37301	1	Shaft-Front
302	DW-37302	1	Shaft-Rear
303	DW-37303	2	Bottom worm case-Right
304	DW-37304	2	Bottom worm case-Left
305	DW-37305	2	Top worm case-Right
306	DW-37306	2	Top worm case-Left
307	DW-37307	4	Thrust bearing (2907)
308	DW-37308	4	Hoist Axle Spiral
309	DW-37309	4	Axle Spiral
310	DW-37310	8	Screw
311	DW-37311	4	Nut
313	DW-37313	2	Chain sprocket
314	DW-37314	1	Chain sprocket
315	DW-37315	1	Bearing (6201ZZ)
316	DW-37316	1	Fixed screw
317	DW-37317	1	Axle bush
318	DW-37318	1	Chain sprocket base
319	DW-37319	1	Screw
320	DW-37320	1	Nut
321	DW-37321	1	Screw
322	DW-37322	1	Pulley
323	DW-37323	1	Bearing (#UCFL204)
324	DW-37324	1	Handle wheel
325	DW-37325	1	Handle
326	DW-37326	1	Screw
327	DW-37327	1	Chain
328	DW-37328	1	V-Belt

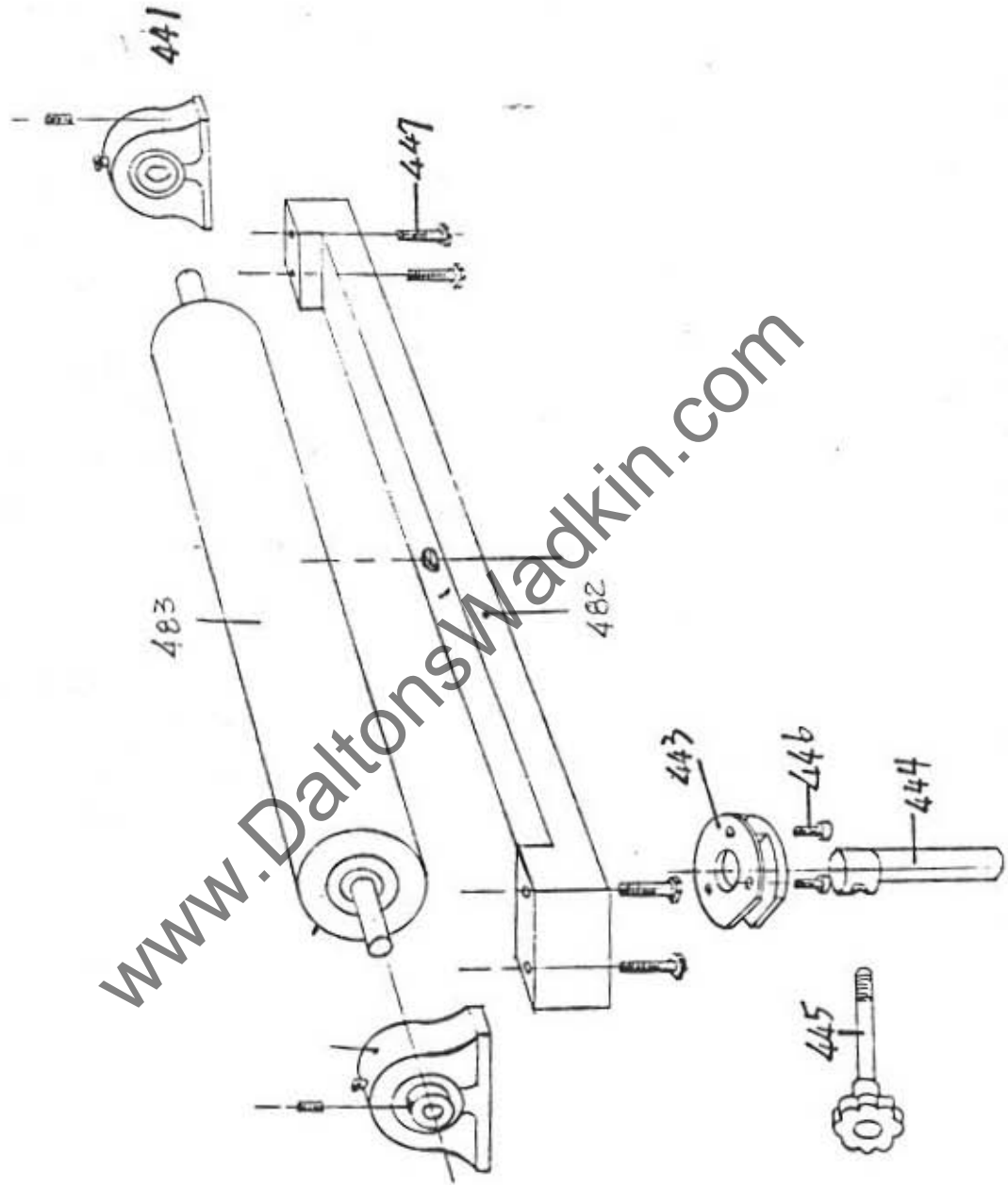




PLATEN HEAD/FEEDING ROLLER PARTS

ITEM	PARTS NO.	QUANTITY	DESCRIPTION
416	DW-37416	2	Switch case
417	DW-37417	2	Limited switch
418	DW-37418	4	Screw
420	DW-37420	4	Screw
427	DW-37427	1	Cylinder
428	DW-37428	4	Screw
429	DW-37429	1	Cylinder
430	DW-37430	1	Cylinder joint
431	DW-37431	1	Vibration disc
432	DW-37432	1	Brass ring
433	DW-37433	1	Brass ring
434	DW-37434	1	Setting pin
435	DW-37435	1	Screw ($\phi 3/8$ ")
436	DW-37436	1	Screw ($\phi 5/16$ ")
437	DW-37437	1	Electric eye base
438	DW-37438	1	Electric eye
439	DW-37439	2	Screw ($\phi 1/4$ ")
448	DW-37448	1	Cantilever
449	DW-37449	1	Drum supporter-Right
450	DW-37450	1	Drum supporter-Left
451	DW-37451	1	Drum
452	DW-37452	1	Pad
453	DW-37453	1	Rubber roller
453-1	DW-37453-1	1	Bearing (UCT205)
453-2	DW-37453-2	1	Bearing (UCT206)
453-3	DW-37453-3	4	Bearing slide block
453-4	DW-37453-4	1	Adjusting screw (Right)
453-5	DW-37453-5	1	Adjusting screw (Left)
453-6	DW-37453-6	2	Adjusting worm gear
453-7	DW-37453-7	1	Adjusting Bar
454	DW-37454	1	Pad slider
455	DW-37455	1	Lined wool
456	DW-37456	1	Graphite cloth
457	DW-37457	2	Graphite cloth fixing plate
458	DW-37458	2	Adjusting screw & nut
459	DW-37459	1	Screw ring
460	DW-37460	14	Screw

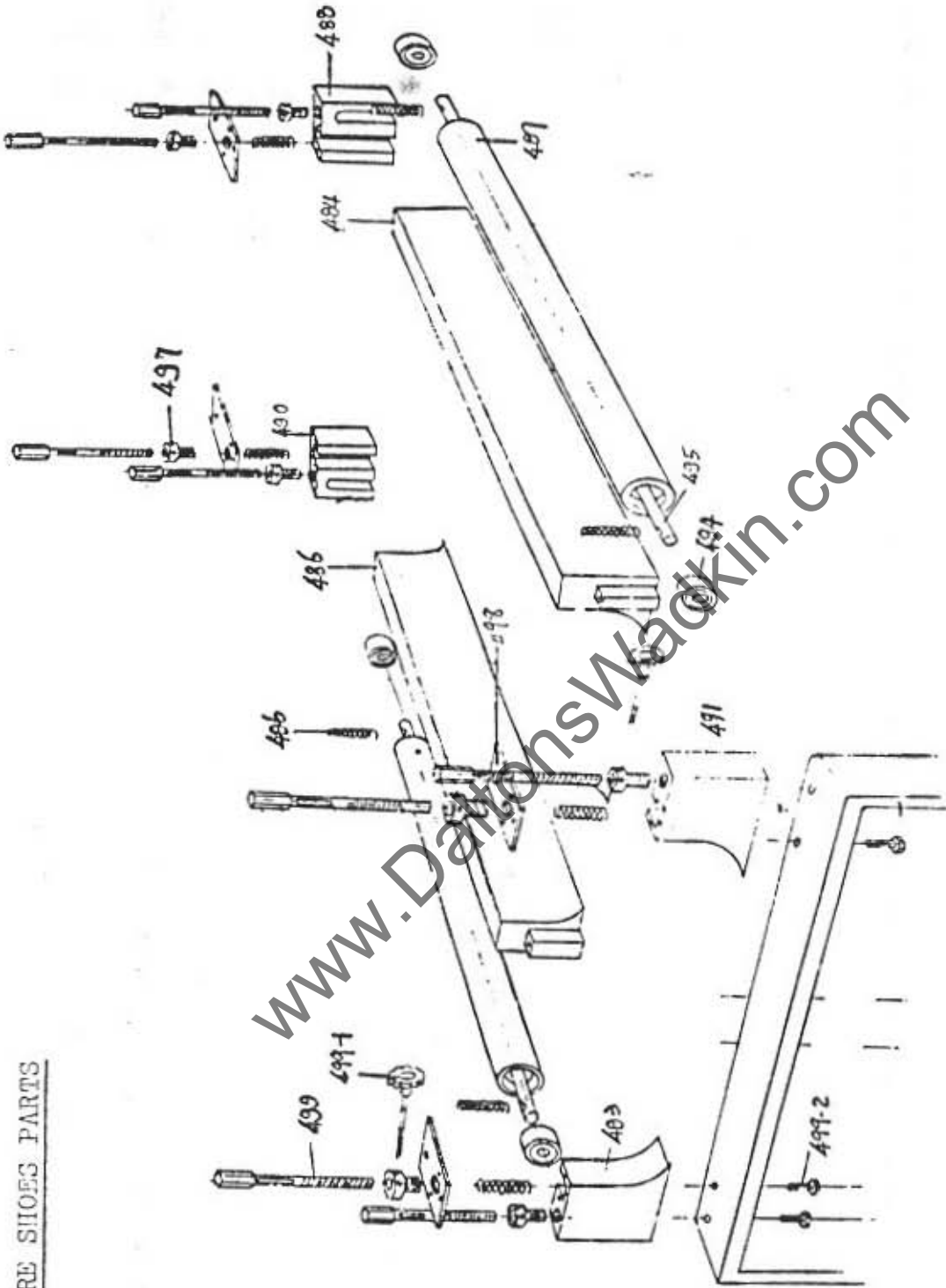
ITEM	PARTS NO.	QUANTITY	DESCRIPTION
461	DW-37461	2	Bearing (6206Z)
462	DW-37462	3	Bearing cover
463	DW-37463	12	Screw (ϕ 1/4")
464	DW-37464	1	Supporting base
465	DW-37465	1	Tracking fork
466	DW-37466	1	Screw (ϕ 1/2") & handle
467	DW-37467	2	Screw (ϕ 5/16")
468	DW-37468	1	Unlock screw (ϕ 1/4")
469	DW-37469	1	Fixing ring
470	DW-37470	1	Link head
471	DW-37471	1	Screw (ϕ 3/8")
472	DW-37472	1	Handle
473	DW-37473	1	Adjusting bar
474	DW-37474	2	Eccentric sleeve
475	DW-37475	1	Steel plate
477	DW-37477	1	Bearing cover
478	DW-37478	1	Pulley
478-1	DW-37478-1	1	Pulley inner lock sleeve
479	DW-37479	4	V-Belt
480	DW-37480	1	Unlock plate
481	DW-37481	1	Unlock screw
481-1	DW-37481-1	2	Spring
481-2	DW-37481-2	2	Screw & nut
481-3	DW-37481-3	2	Screw & washer



Idle Roller

Item	Part No.	Quantity	Description
441	DW-37441	2	Ball bearing (UCPA205)
443	DW-37443	1	Eccentric ring
444	DW-37444	1	Eccentric ring bar
445	DW-37445	1	Hand screw
446	DW-37446	3	Screw
447	DW-37447	4	Screw
482	DW-37482	1	Idle roller yoke
483	DW-37483	1	Idle roller

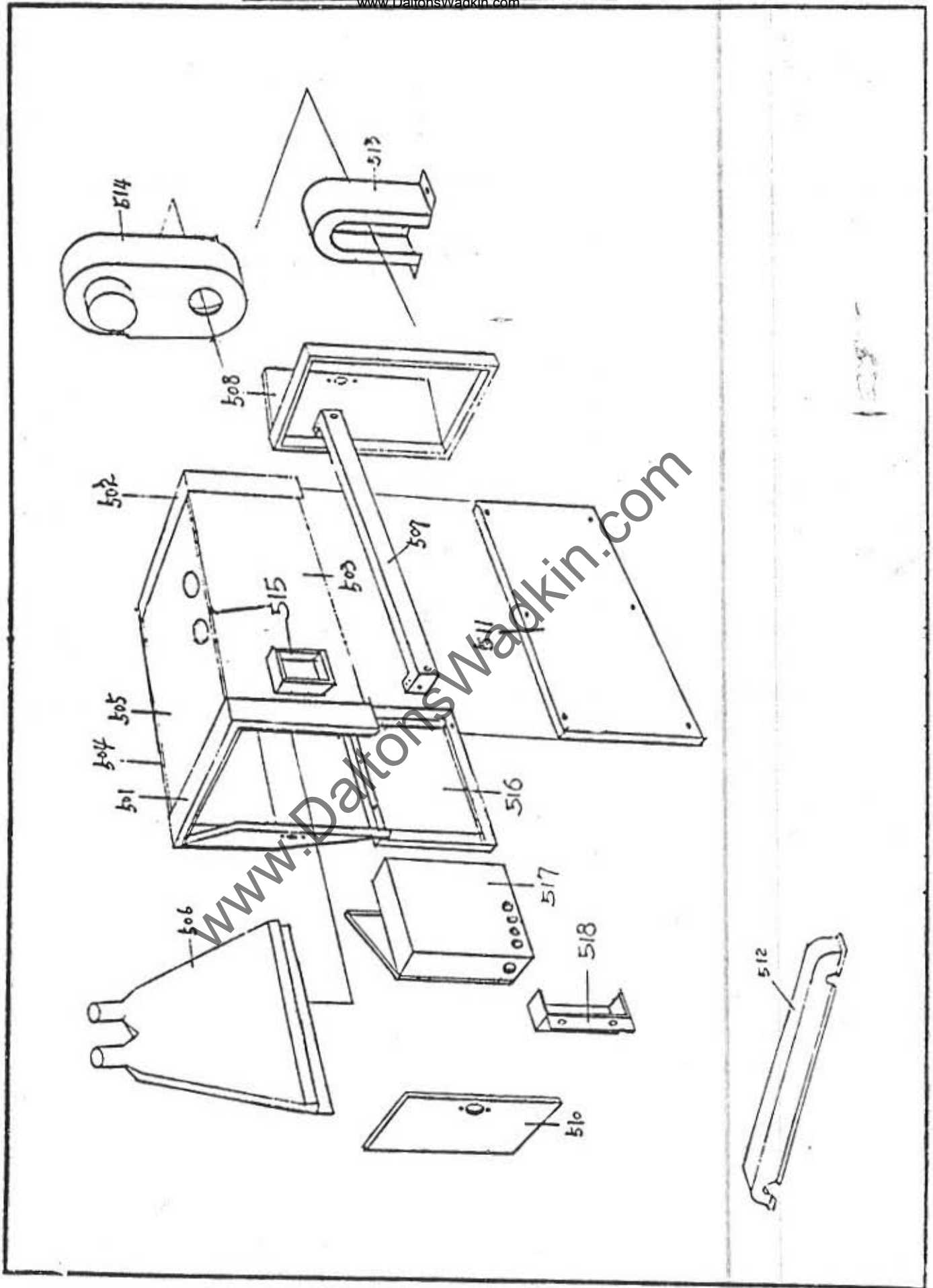
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PRESSURE SHOES PARTS

MAIN BODY AND COVER

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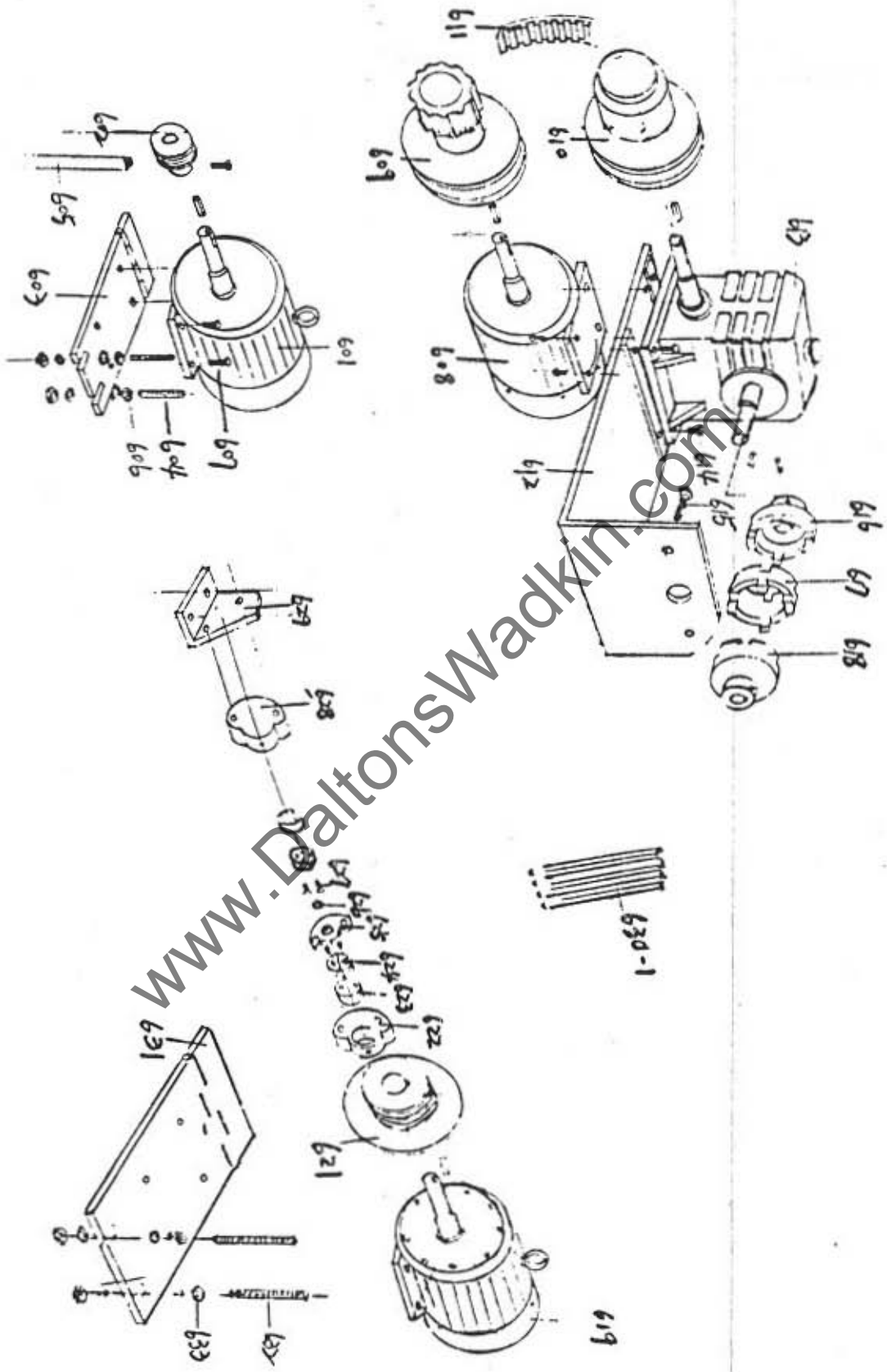
Pressure Shoes Parts

Item	Part No.	Quantity	Description
484	DW-37484	1	Pressure shoe-Front
486	DW-37486	1	Pressure shoe-Rear
487	DW-37487	2	Feeding roller-Front
488	DW-37488	1	Right shoe seat-Front
490	DW-37490	1	Right shoe seat-Rear
491	DW-37491	1	Left shoe seat-Front
493	DW-37493	1	Left shoe seat-Rear
494	DW-37494	4	Bearing (#6002ZZ)
495	DW-37495	2	Roller shaft
496	DW-37496	8	Spring
497	DW-37497	8	Fixed screw ($\phi 5/8$ ")
498	DW-37498		Fixed screw plate
499	DW-37499	8	Screw ($\phi 3/8$ ")
499-1	DW-37499-1	8	Hand screw ($\phi 3/8$ ")
499-2	DW-37499-2	8	Screw

Main Body and Cover

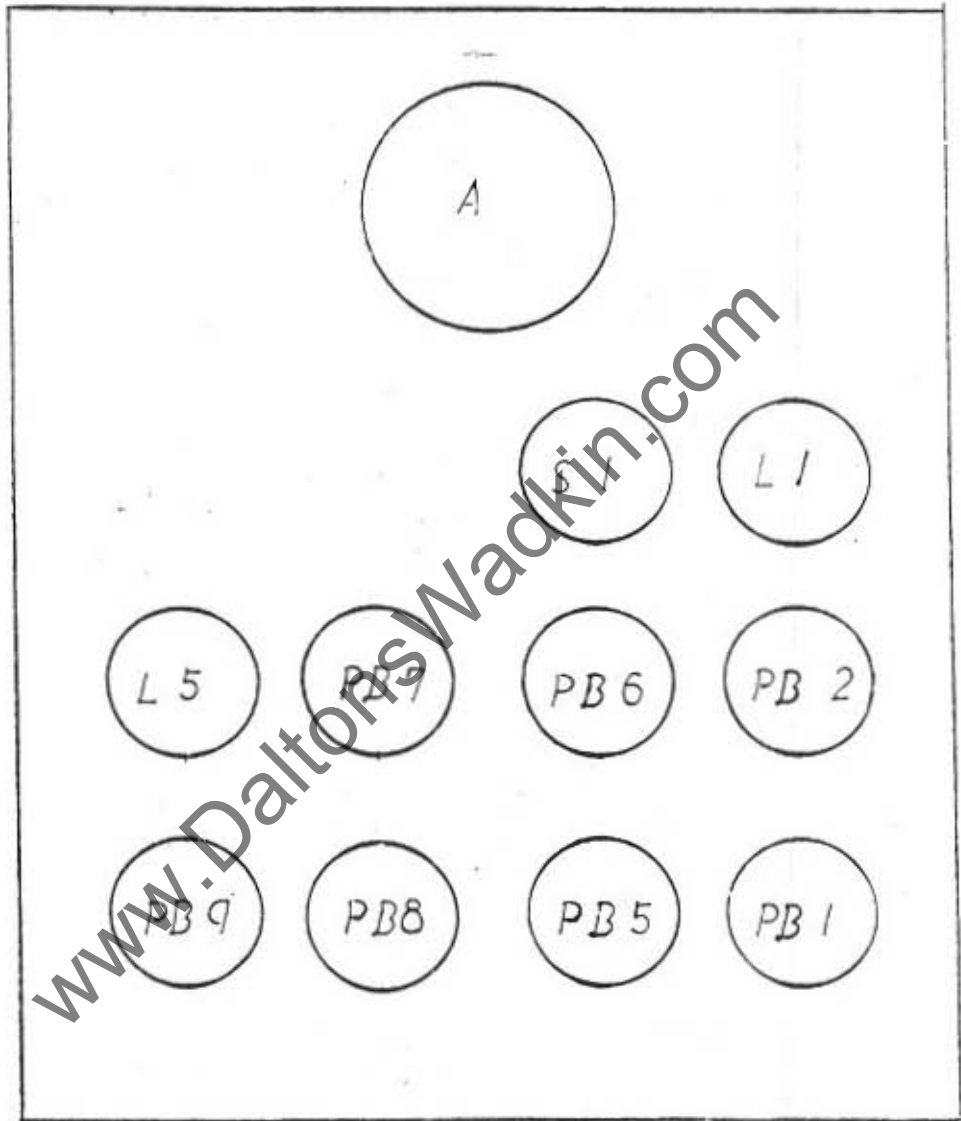
Item	Part No.	Quantity	Description
501	DW-37501	1	Left side support w/cover
502	DW-37502	1	Right side support w/cover
503	DW-37503	1	Front cover
504	DW-37504	1	Rear cover
505	DW-37505	1	Top Cover
506	DW-37506	1	Dust collect hood
507	DW-37507	1	Front port cover
508	DW-37508	1	Motor cover
509	DW-37509	1	Left bottom cover
510	DW-37510	1	Bottom cover (front/rear)
511	DW-37511	1	Gear cover
512	DW-37512	1	Gear reducer shaft coupling cover
513	DW-37513	1	Gear reducer motor cover
514	DW-37514	1	Electric case
515	DW-37515	1	Bottom cover
516	DW-37516	1	Electric box
517	DW-37517		Limit switch cover
518	DW-37518		

MOTOR PARTS

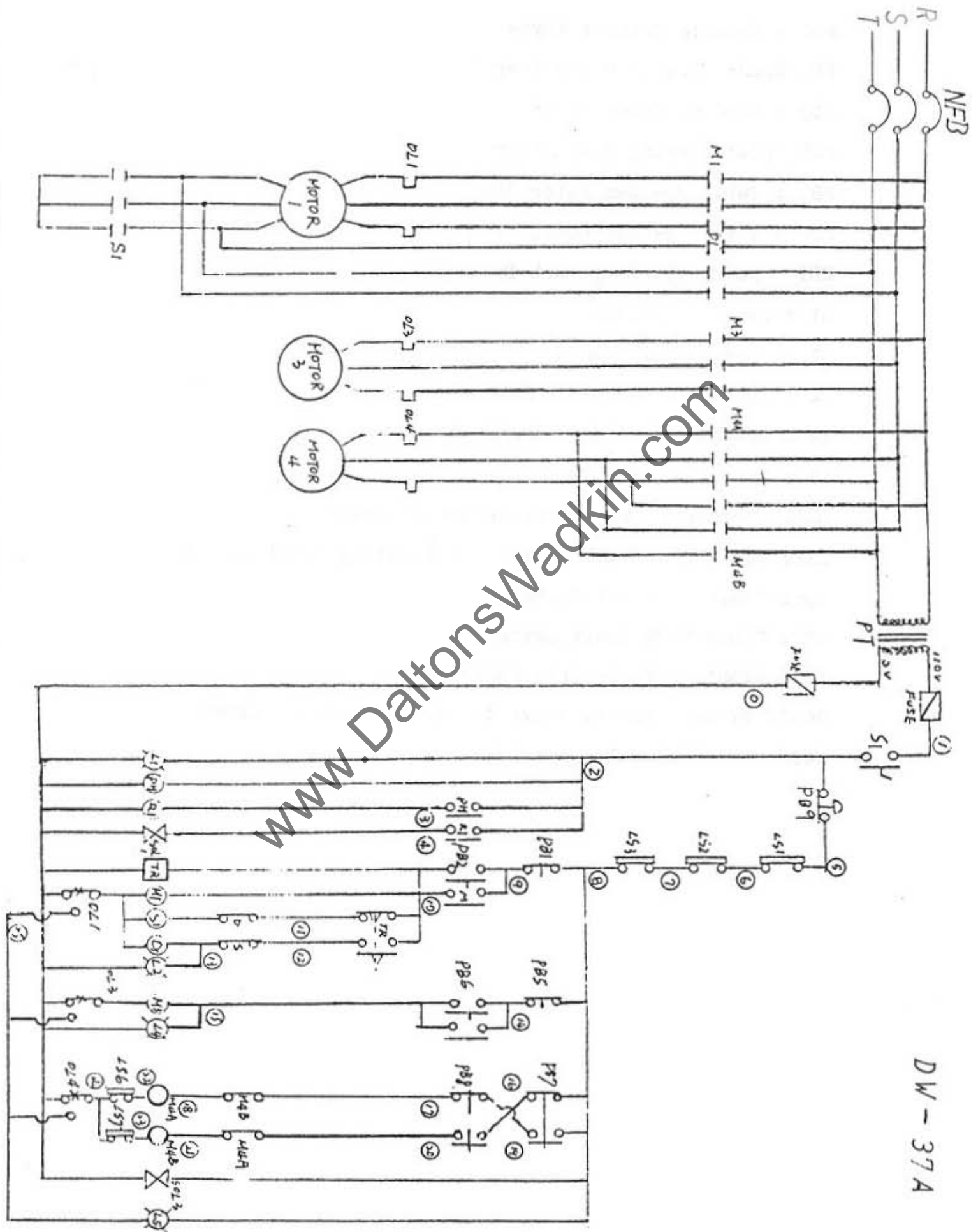


Item	Part No.	Quantity	Description
601	DW-37601	1	Hoist Motor-1/2HP
602	DW-37602	1	Pulley
603	DW-37603	1	Motor bracket
604	DW-37604	2	Screw
605	DW-37605	1	V-Belt
606	DW-37606	4	Nuts
607	DW-37607	2	Screw
608	DW-37608	1	Feed Motor-2HP
609	DW-37609	1	Variable speed controller
610	DW-37610	1	Variable speed controller
611	DW-37611	1	Flat belt
612	DW-37612	1	Gear reducer base
613	DW-37613	1	Gear reducer
614	DW-37614	8	Screw
615	DW-37615	2	Screw
616	DW-37616	1	Gear reducer shaft coupler-Front
617	DW-37617	1	Plastic shaft coupling sleeve-Front
618	DW-37618	1	Gear reducer shaft coupler-Rear
619	DW-37619	1	Main Motor-20HP
621	DW-37621	1	Brake pulley
622	DW-37622	1	Brake Bracket-Right
623	DW-37623	2	Brass seat
624	DW-37624	2	Brake pad
625	DW-37625	1	Noon-shape plate
626	DW-37626	2	Plastic ring
627	DW-37627	4	Brass ring
628	DW-37628	1	Brake bracket-Left
629	DW-37629	1	Brake base
630	DW-37630	4	V-Belt
631	DW-37631	1	Motor plate
632	DW-37632	2	Screw
633	DW-37633	4	Nut

DASHBOARD PANEL



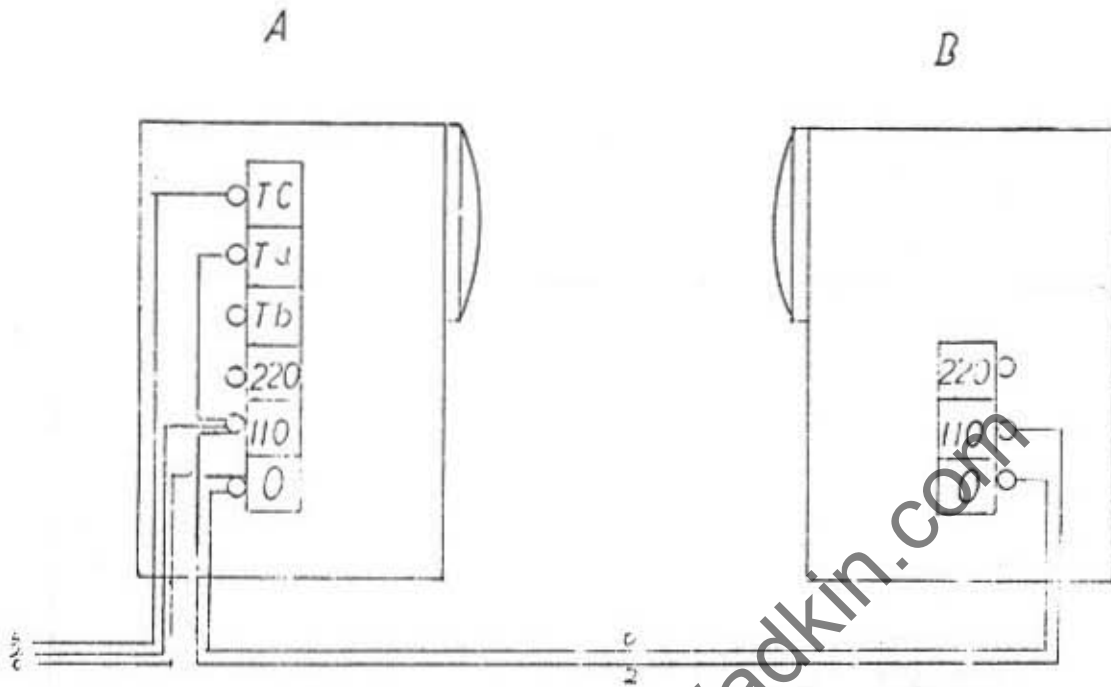
PB1 : Spindle Motor 1 "OFF"
PB2 W/L2: Spindle Motor 1 "ON"
PB5 : Feeding Motor "OFF"
PB6 W/L4: Feeding Motor "ON"
PB7 : Table Up-Down Motor "UP"
PB8 : Table Up-Down Motor "DOWN"
PB9 : Emergency Stop Push Button
S1 : Power On Switch
L1 : Power On Indicator
L2 : Spindle Motor 1 ON Indicator
L4 : Feeding Motor ON Indicator
L5 : Overload Indicator
LS1: Emergency Stop Limit Switch in Front
LS2, LS3: Front Sanding Belt Oscillating Limit Switch
LS6: Table UP Limit Switch
LS7: Table DOWN Limit Switch
PH1: Front Photoelectric Switch
SOL1: Front Solenoid Valve for Photoelectric Switch
SOL3: Solenoid Valve for Brake



DW - 37A

DW -37A WIDE BELT SANDER

PHOTO ELECTRIC SWITCH DIAGRAM

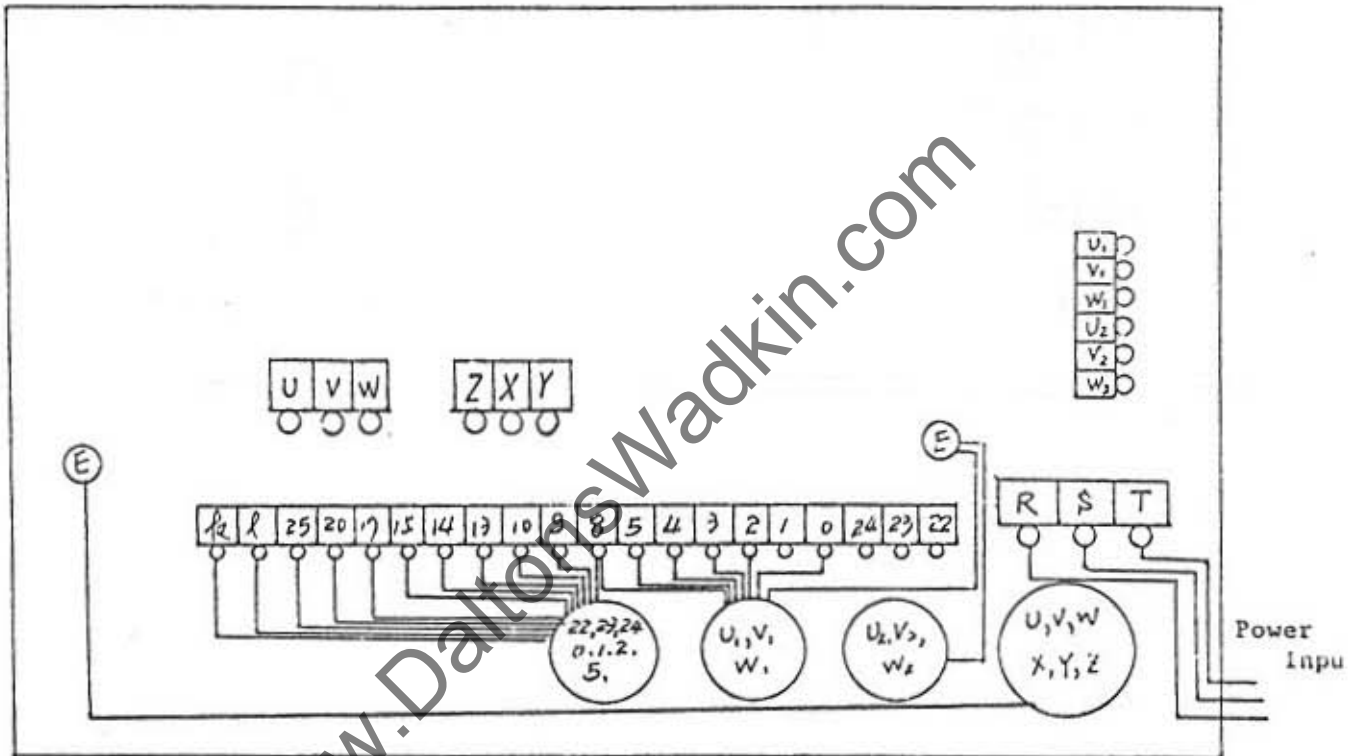


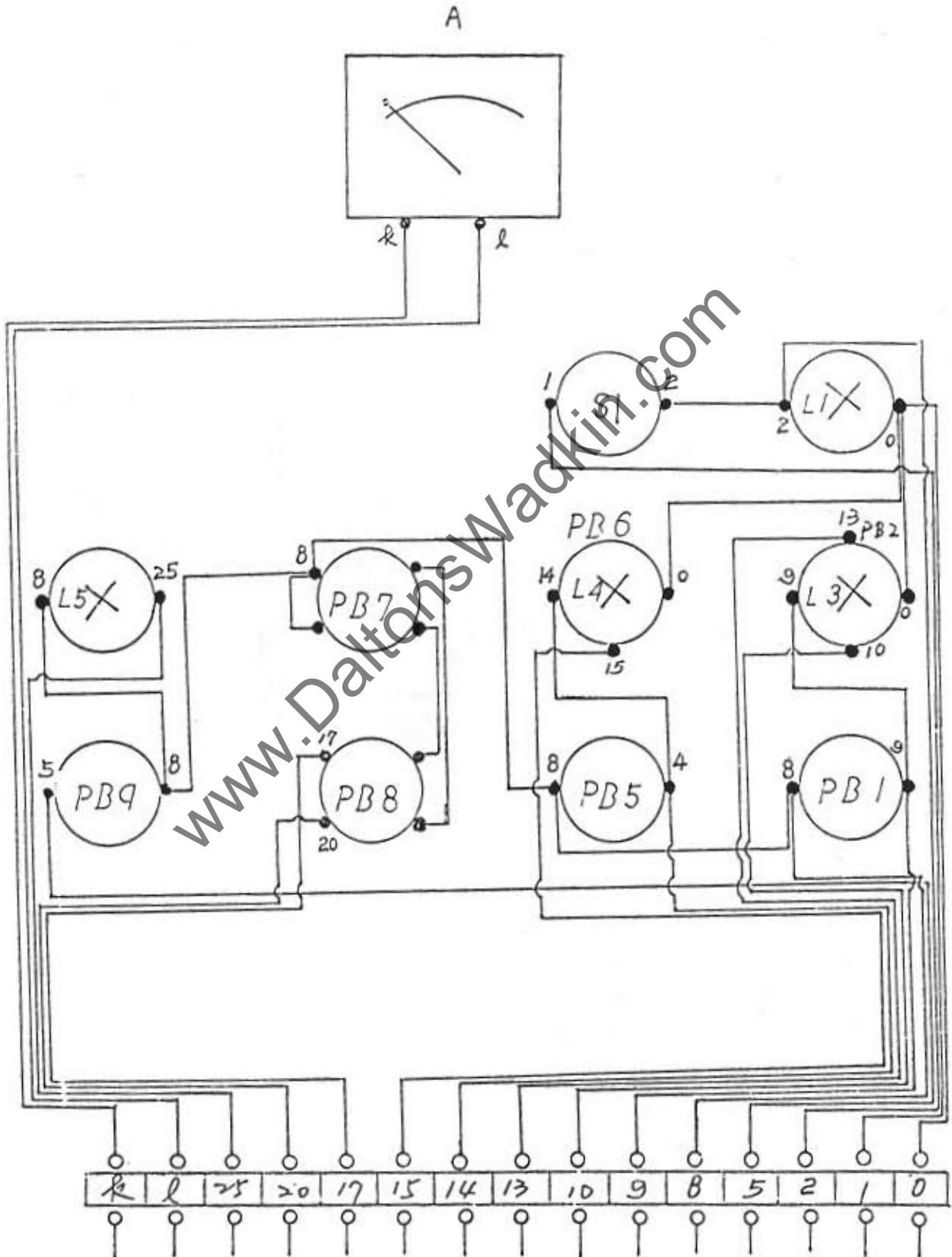
A. SENSOR

B. RECEIVER

DW -37A Wide Belt Sander

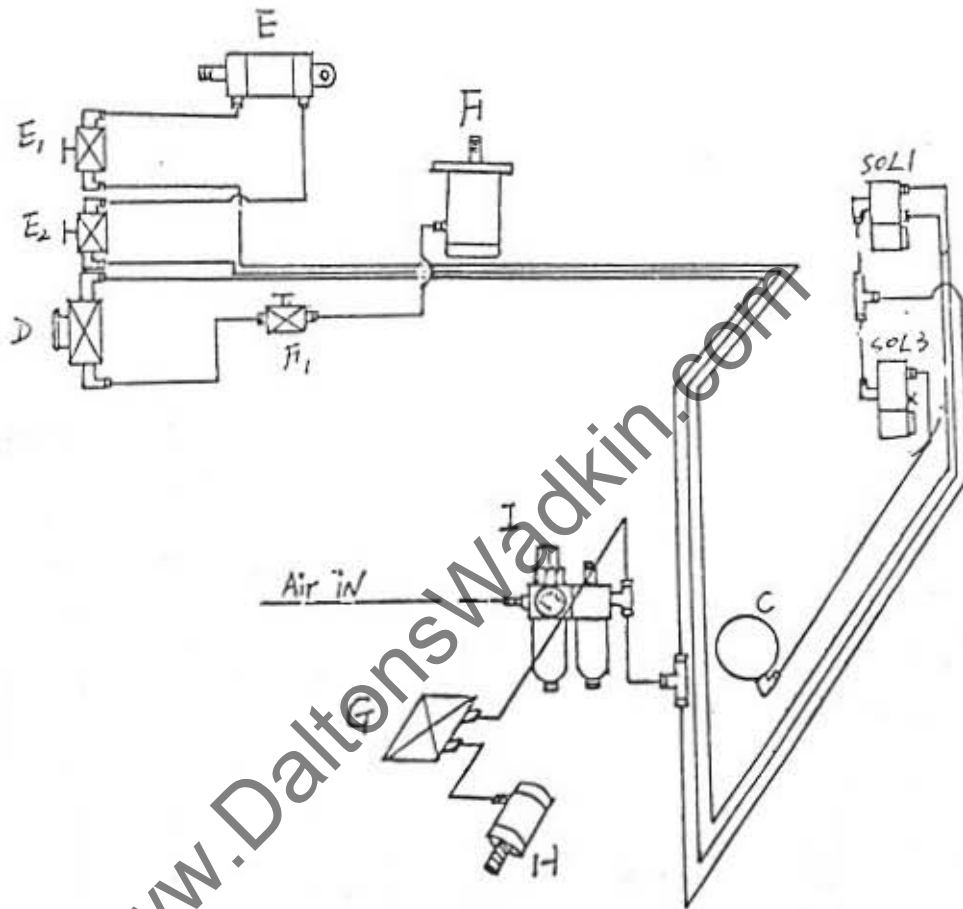
Control Wiring Diagram





DW -37A Wide Belt Sander

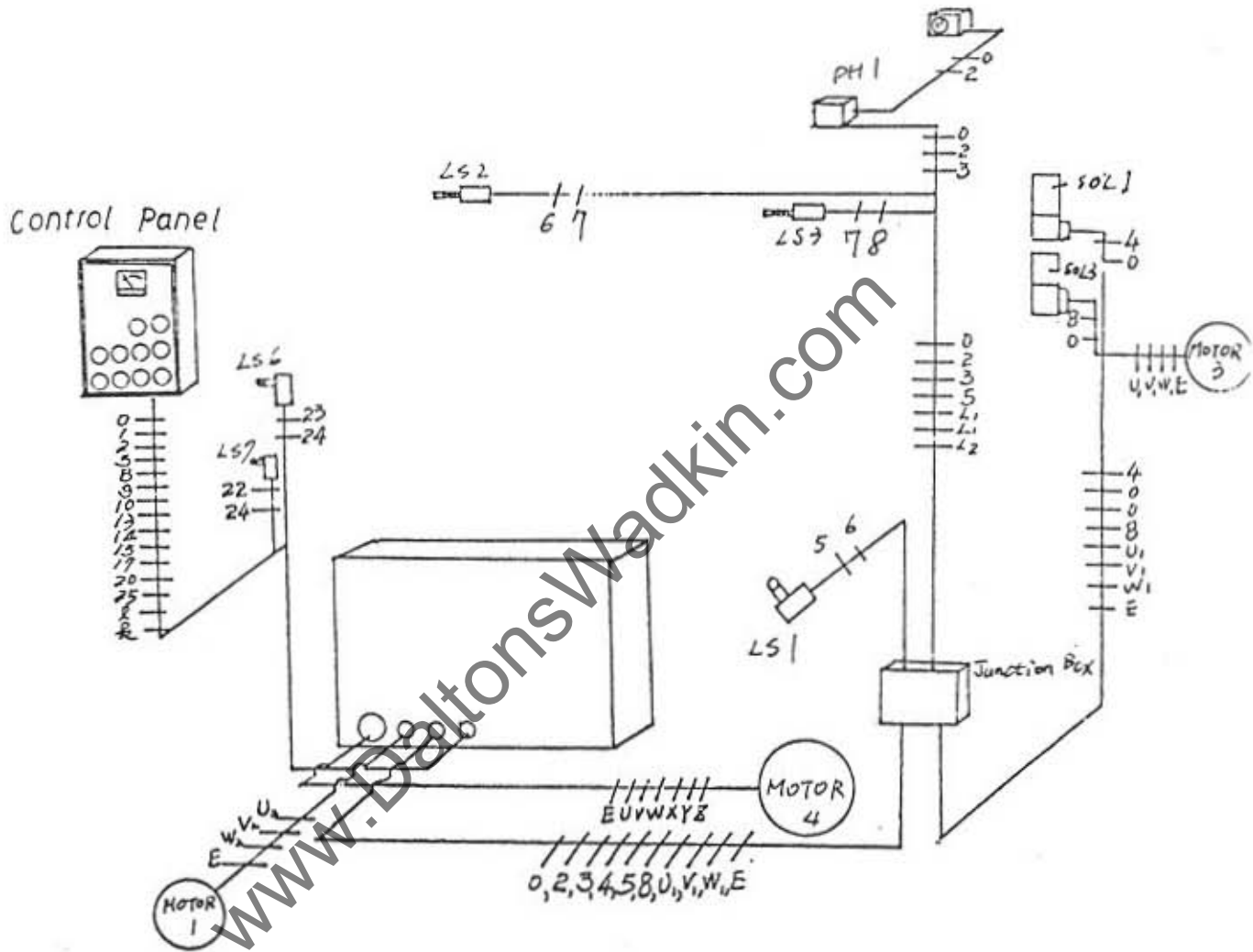
Pneumatic Control Diagram



- C. Brake Cylinder
- D. Air Switch, Sanding Belt Tension
- E. Tracking Cylinder, Sanding Belt
- E1, E2 Air Flow Control Valve
- F. Tension Cylinder, Sanding Belt
- F1 Air Flow Control Valve
- G. Tracking Valve, Feed Belt
- H. Tracking Cylinder, Feed Belt
- I. Air Regulator/Filter/Oiler Unit

DW-37A Wide Belt Sander

Electric Wiring Diagram



F 090698 DW 37A



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