BOOK NO. B882

IMPORTANT

It is our policy and that of our suppliers to review constantly the design and capacity of our products. With this in mind we would remind our customers that whilst the dimensions and performance data contained herein are current at the time of going to press, it is possible that, due to the incorporation of latest developments to enhance performance, dimensions and supplies may vary from those illustrated.

PLEASE INSERT SERIAL NUMBER OF MACHINE

Instruction Manual For

PAR

4-Side Planer-Sizer

FOR REPLACEMENT PARTS, TOOLS AND ACCESSORIES

CONTACT: (0116) 276 9111

FAX: (0116) 259 8138

HEALTH & SAFETY

SAFETY OF WOODWORKING MACHINES

Woodworking machines can be dangerous if improperly used. The wide range of work of which they are capable, requires adequate safeguarding arrangements against possible hazards.

Many injuries to machinists are caused by carelessness or failure to use the guards provided or to adjust them correctly.

Wadkin plc supply machinery designed for maximum safety which they believe, as a result of thorough testing, minimizes the risks inevitable in their use. It is the users responsibility to see that the following rules are complied with to ensure safety at work:

1. The operation of the machine should conform to the requirements of the Woodworking Machines Regulations 1974. All guards should be used and adjusted correctly.
2. Safe methods of working only should be adopted as given in the Health and Safety Work Booklet No. 41, "Safety in the use of Woodworking Machines", (obtainable from Her Majesty's Stationery Office) and as advised by Wadkin plc.
3. Only personnel trained in the safe use of a machine should operate it.
4. Before making adjustments or clearing chips, etc., the machine should be stopped and all movement should have ceased.
5. All tools and cutters must be securely fixed and the speed selected must be appropriate for the tooling.

Safety is our watchword but the user must comply with the above rules in his own interest. We would be pleased to advise on the safe use of our products.

Wadkin (Durham) Division of Wadkin plc, Fence Houses, Houghton-le-Spring, Tyne & Wear, DH4 5RQ.
Telephone: (0116) 276 9111

Safety

CAREFULLY READ INSTRUCTION MANUAL WITH PARTICULAR REFERENCE TO THE FOLLOWING INSTRUCTIONS:-

1) SLINGING, ie, SAFE LIFTING LIMITS FOR SLINGS ETC.

2) INSTALLATION AND FOUNDATION, ie. SAFE WORKING AREA OF MACHINE AND BOLT POSITIONS, ETC.

3) WIRING DETAILS, ie, WIRING DIAGRAM AND INSTRUCTIONS FOR SAFE WIRING OF MACHINE.

4) MACHINE CONTROLS AND OPERATING INSTRUCTIONS.

5) SELECT CORRECT SPEED FOR CUTTER EQUIPMENT AND ENSURE CUTTERS ARE SECURELY LOCKED IN POSITION.

6) SET GUARDS CORRECTLY TO COVER CUTTER EQUIPMENT AS MUCH AS POSSIBLE.

7) NOTE START/STOP CONTROL POSITION AND ISOLATOR SWITCH POSITION (IF FITTED) BEFORE OPERATING MACHINE.

8) USE FEEDING DEVICES WHERE POSSIBLE.

9) REFER TO HEALTH AND SAFETY AT WORK BOOKLET No.41 (IN U.K.) FOR SAFETY IN THE USE OF WOODWORKING MACHINERY.

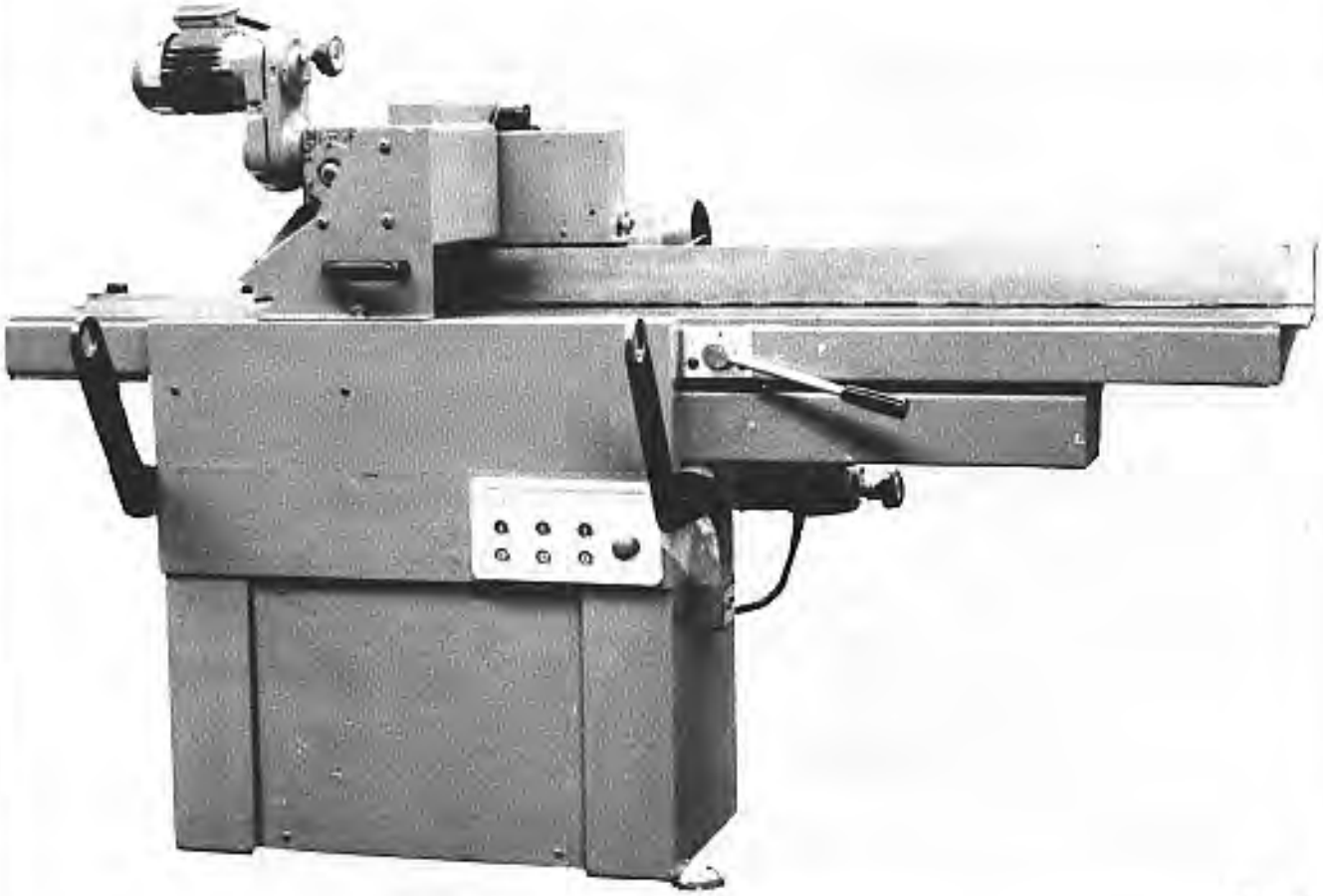


Fig 1

SPECIFICATION

Maximum size of squared timber	300 x 100mm	12 x 4 in
Minimum size of squared timber	10 x 10mm	⅜ x ⅜ in
Minimum thickness of timber	4mm	5/32 in
Length of infeed planing table - standard	1.5m	59 in
- optional	2m	79 in
Feed speeds - standard	4.5 & 9 m/min	15 & 30 ft/min
- optional, fully variable	3 - 18 m/min	10 - 58 ft/min
Cutterblock motor - horizontal	7.5kw	10hp
- vertical	5.5kw	7½hp
Maximum stock removal - each cutterblock	10mm	⅜ in
Floor space - standard	2100 x 1250mm	83 x 49 in
- optional	2600 x 1250mm	102 x 49 in
Approx. net weight of machine	905kg	1991 lbs
Approx. gross weight of machine	1104kg	2428 lbs
Shipping dimension	2.32 x 1.48 x 1.44m	92 x 58 x 56 in

Fig 2

STANDARD ITEMS DESPATCHED WITH MACHINE

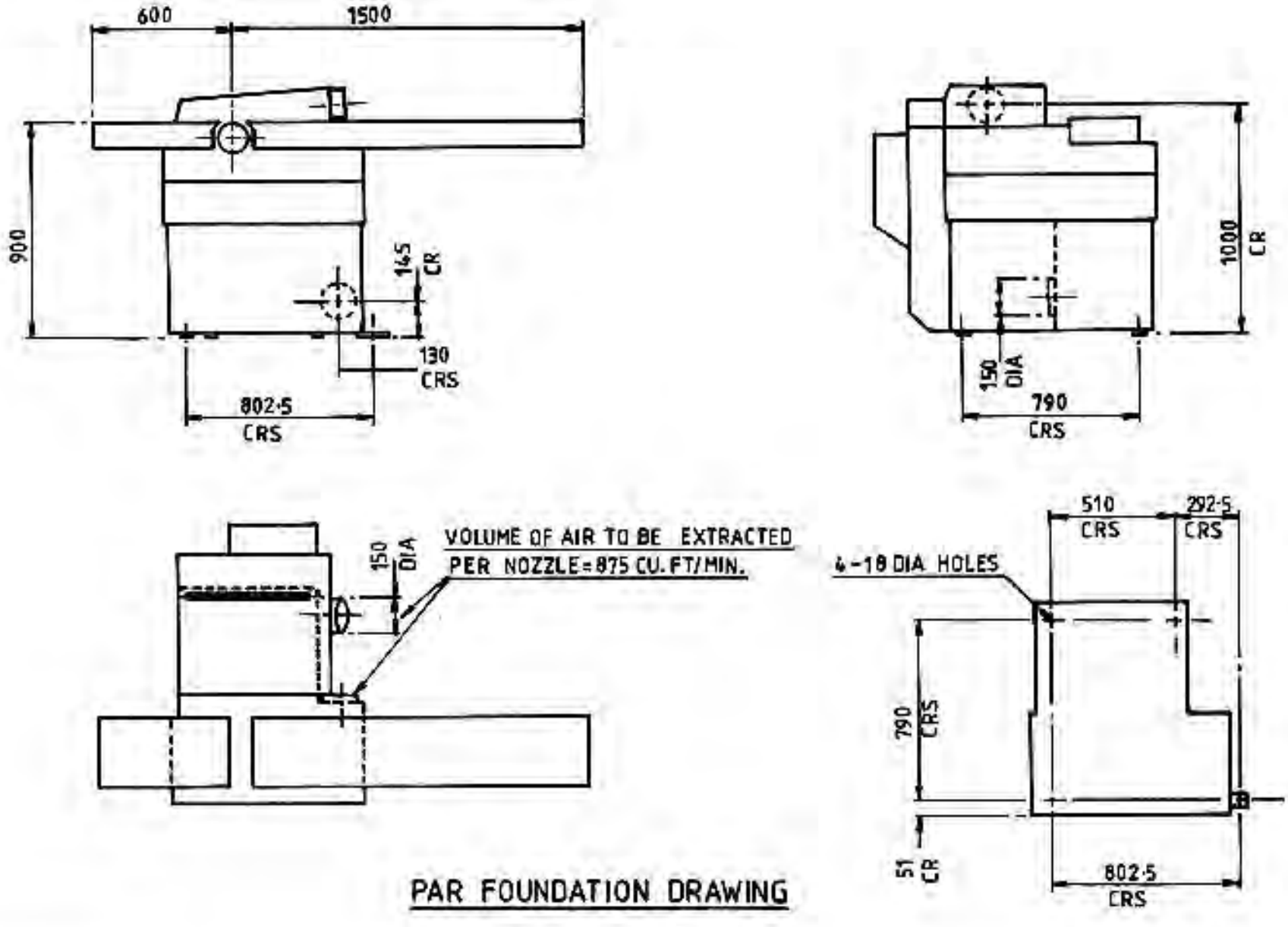
1 - Instruction Manual

1 - 17/19 A/F Spanner

1 - Cutterblock Spanner T6/94

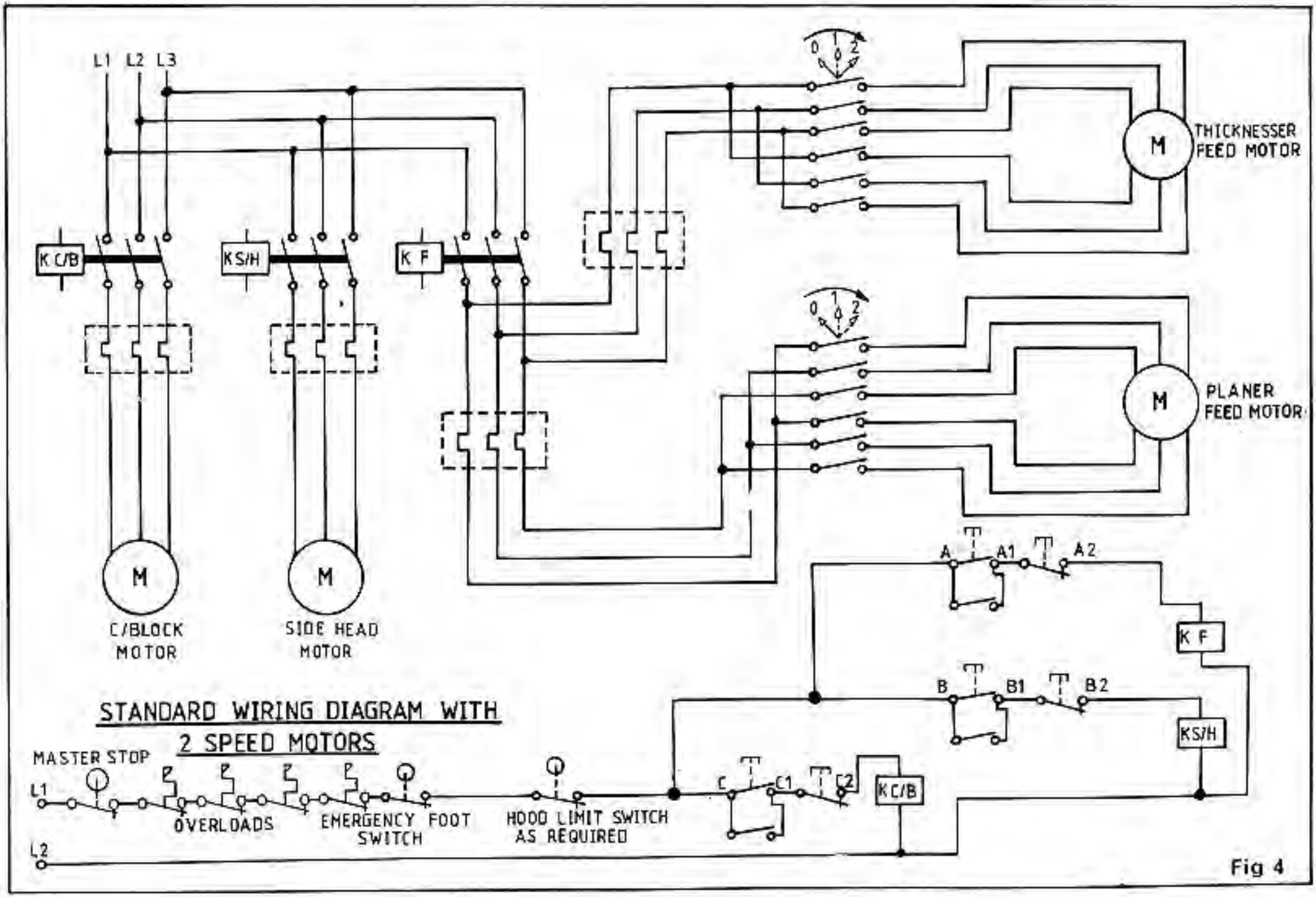
1 - 13 A/F Spanner

1 - 6mm Long Tee Wrench



PAR FOUNDATION DRAWING

Fig 3



STANDARD WIRING DIAGRAM WITH 2 SPEED MOTORS

Fig 4

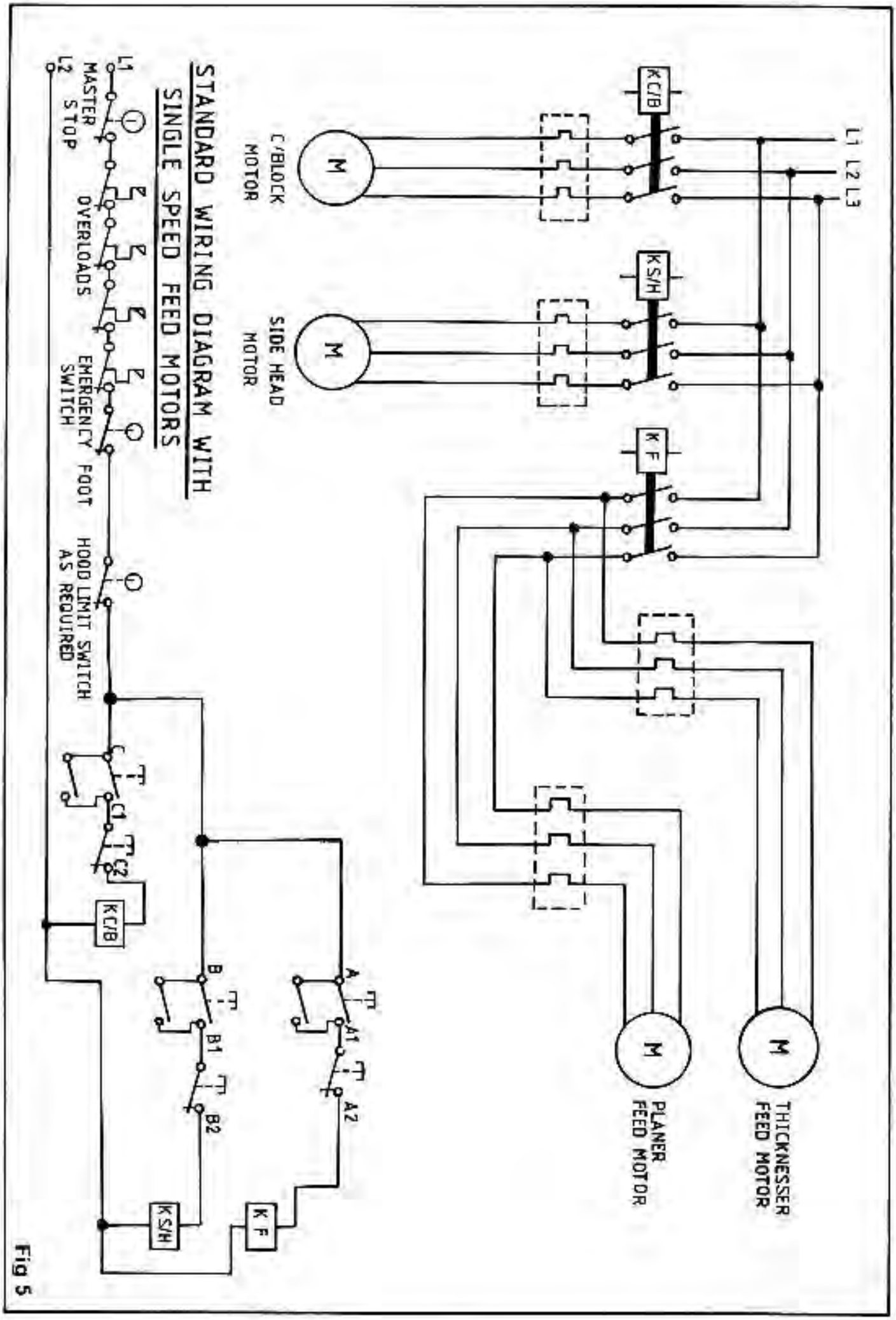
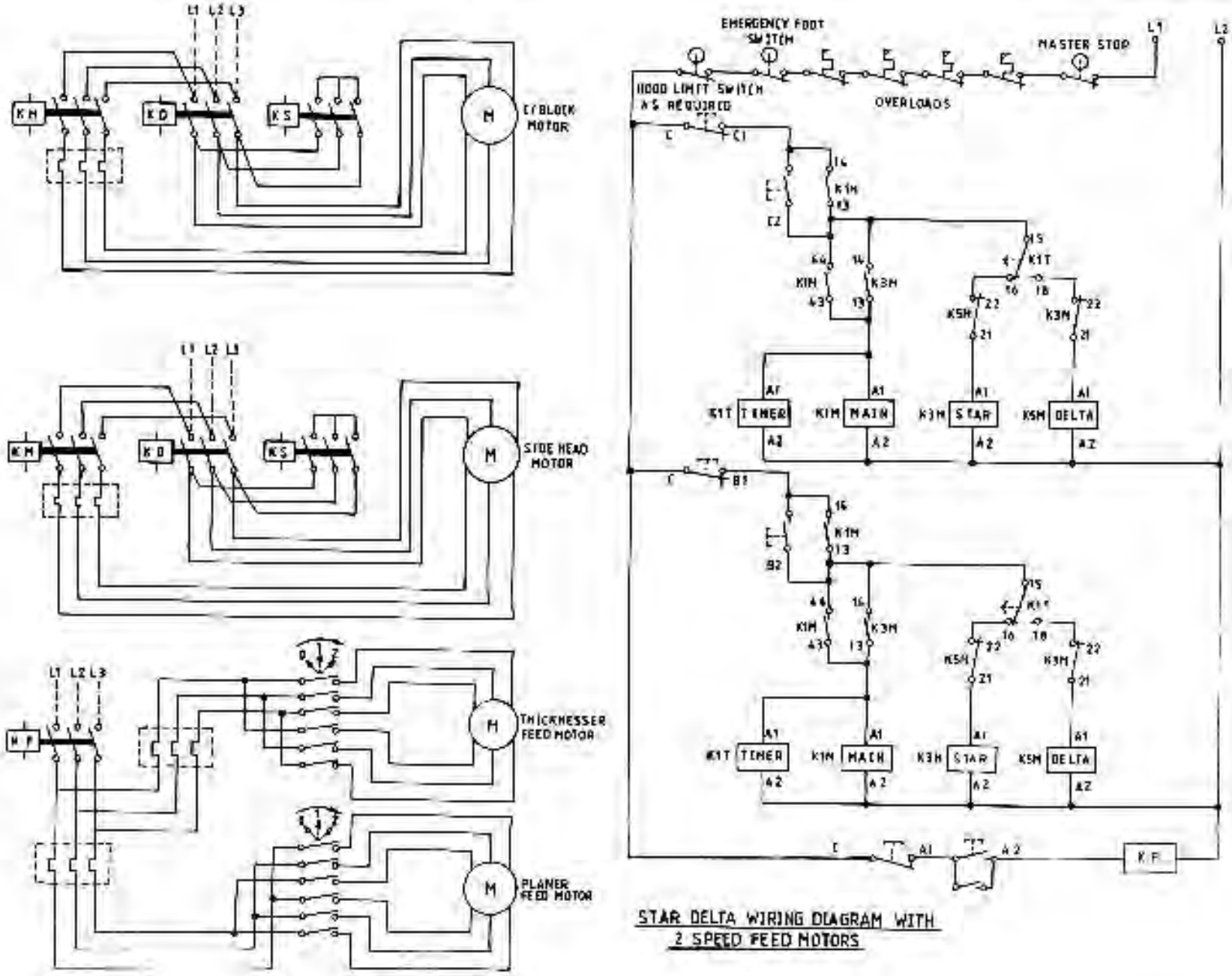
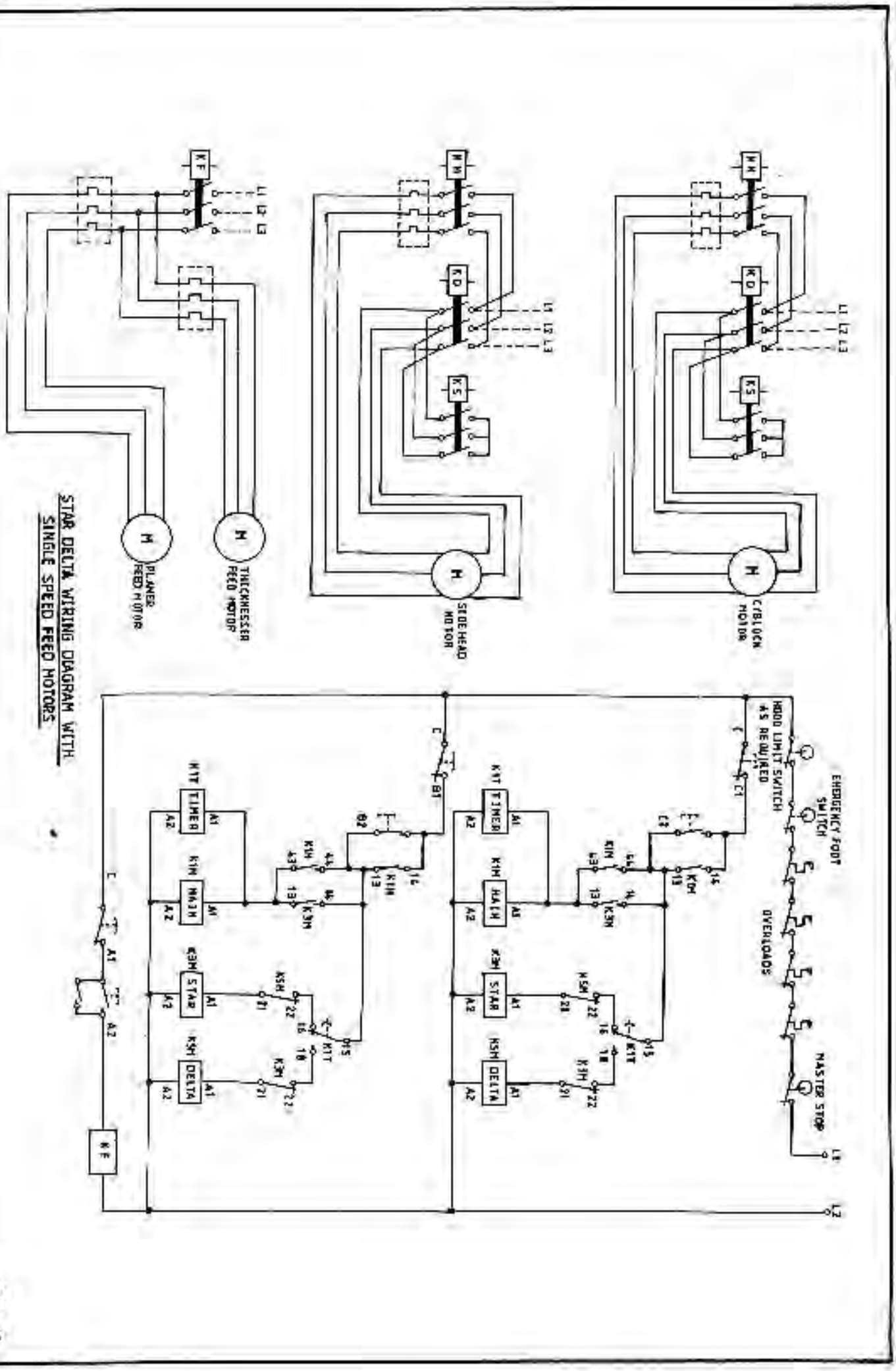

STANDARD WIRING DIAGRAM WITH
SINGLE SPEED FEED MOTORS
L1
L2
MASTER STOP
OVERLOADS
EMERGENCY SWITCH
FOOT
HOOD LIMIT SWITCH AS REQUIRED
K C/B
K S/H
K F
C
C1
C2
B
B1
B2
A
A1
A2
L1 L2 L3
C/BLOCK MOTOR
SIDE HEAD MOTOR
THICKNESSER FEED MOTOR
PLANER FEED MOTOR
M

Fig 5



STAR DELTA WIRING DIAGRAM WITH 2 SPEED FEED MOTORS

Fig 6



STAR DELTA WIRING DIAGRAM WITH SINGLE SPEED FEED MOTORS

Fig 7

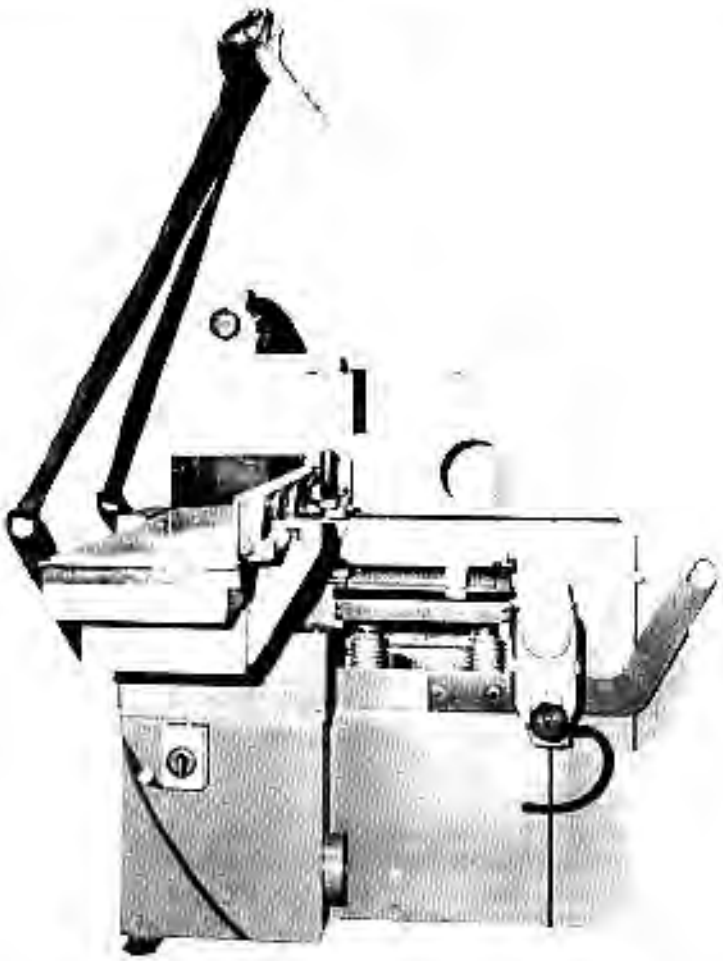


Fig 8

DIAGRAM OF LEVELLING SCREW INSIDE MACHINE BASE.

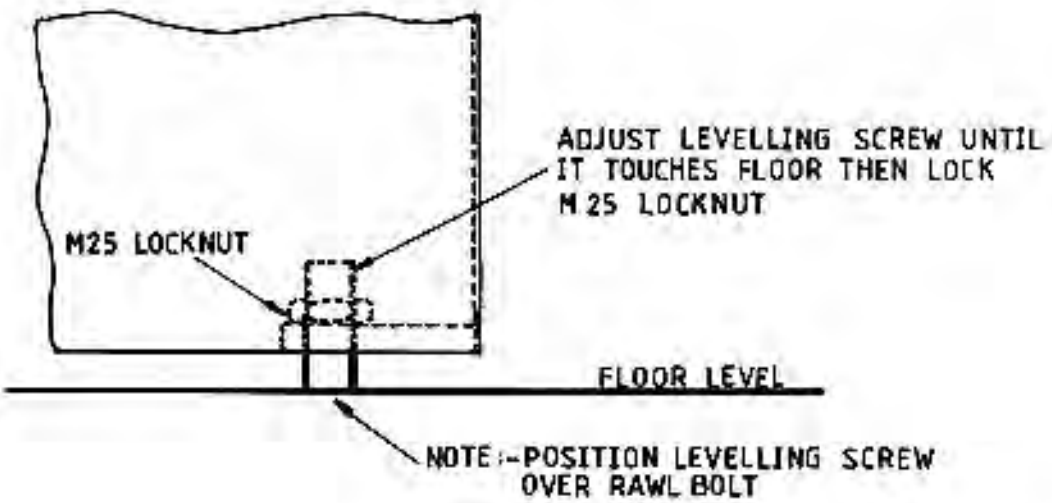


Fig 9

SLINGING

Always use a sling within safe working load of machine weight.

Approximate net weight of machine - 905 KG
Approximate gross weight of machine - 1105 KG

Attach slings to lifting hooks in FIG.8 (return lifting hooks to BURSGREEN (DURHAM) for credit) to ensure damage will not be caused to machine during slinging operations.

IMPORTANT: DO NOT WALK OR STAND UNDER MACHINE DURING SLINGING OPERATION.

INSTALLATION

Remove protective coating from bright parts by applying a cloth soaked in paraffin, turpentine or other solvent. Machine should be so placed that the traffic of men and materials to and from it fits smoothly into the general scheme of traffic. Machine should be so placed that it will not be necessary for the operator to stand in or near an aisle as to cause a hazard. The minimum clearance on each working side of machine should be at least 750mm greater than the length of the largest material worked on the machine.

FOUNDATION

Ensure floor is level, then mark to suit 4 - M12 rawl bolts, refer to the foundation plan FIG.3. Drill floor to suit rawl bolts. These bolts are not supplied with the machine, but can be supplied at an additional charge. To obtain access to foundation bolts and levelling screw, lift thicknessing table top hood and carefully support it whilst removing 4 - M8 nuts holding hinges. Remove top hood. Remove 2 - M10 dome nuts holding thicknesser side cover. Remove side cover. Open door in base below surfacing tables. Position machine over rawl bolts and adjust levelling screw until it touches floor FIG.9. Fully tighten rawl bolts. Replace thicknesser side cover, top hood and close door.

WIRING DETAILS

The motor and control gear have been wired in before despatch. All that is required is to connect the power supply to the starter or isolating switch when fitted.

Points to note when connecting power supply:-

1) Check the voltage, phase and frequency correspond to those on the motor plate, also the correct coils and heaters are fitted to the starter.

2) It is important that the correct cable is used to give the correct voltage to the starter as running on low voltage will damage the motor.

3) Check the main line fuses are of the correct capacity. See fuse list inside front cover of instruction manual.

4) Connect the line leads to the appropriate terminals. See wiring diagrams FIGS.4, 5, 6 & 7.

5) Check all connections are sound.

6) Check the rotation of all motors for the correct direction. If these are incorrect, reverse any two of the line lead connections.

LUBRICATION

The majority of machine working parts are designed to require no lubrication. All that is required is to periodically fill the four domed collars at the top of the shrouds on the thicknessing table rise and fall screws with oil.

It is advisable to keep all bright parts covered with a thin film of oil to prevent rusting. Approved lubricants, see page 37.

ASSEMBLY OF MACHINE

When machine is fitted with extension planing table and fence (optional). These are removed for ease of transportation. To refit extension table, locate dowels into holes in planing table and lock in position with bolts provided. To refit extension fence, locate dowels into holes in planing fence and lock in position with bolts provided.

When the machine is for export market, the thicknessing table support is removed. To refit, locate support over dowels in thicknessing table and lock in position with bolts provided. See FIG.34 Page 33.

START/STOP CONTROL

Before starting machine ensure cutter blades are locked in place and all guards are closed or in position. Individual cutterblock start/stop buttons FIG.10. are situated on front panel below infeed planing table.

When isolator (optional), which is situated below infeed planing table, is fitted, proceed as follows:-

For machines fitted with two speed feed drive units (standard), ensure that switch on drive units is turned to required feed speed. To start, turn isolator to "1", then press green buttons "A" FIG.10, on front panel to start cutterblocks and feed. To stop, press the red button "B". To isolate machine, turn isolator to "0" position. Where no isolator is fitted, control is simply via the panel start/stop buttons.

MASTER STOP CONTROL

A Master Stop button "C" FIG.10, is situated on front panel below infeed planing table and an additional Master Stop button "D", FIG.21 is situated at floor level below thicknessing table fence bracket.

NOTE: Depression of any of the Master Stop buttons shuts down all electrics. Master Stop buttons automatically stay in the OFF position until released. The Master Stop button on front panel is released by pulling button, and Master Stop button at floor level is released by pressing blue button on Master Stop unit.

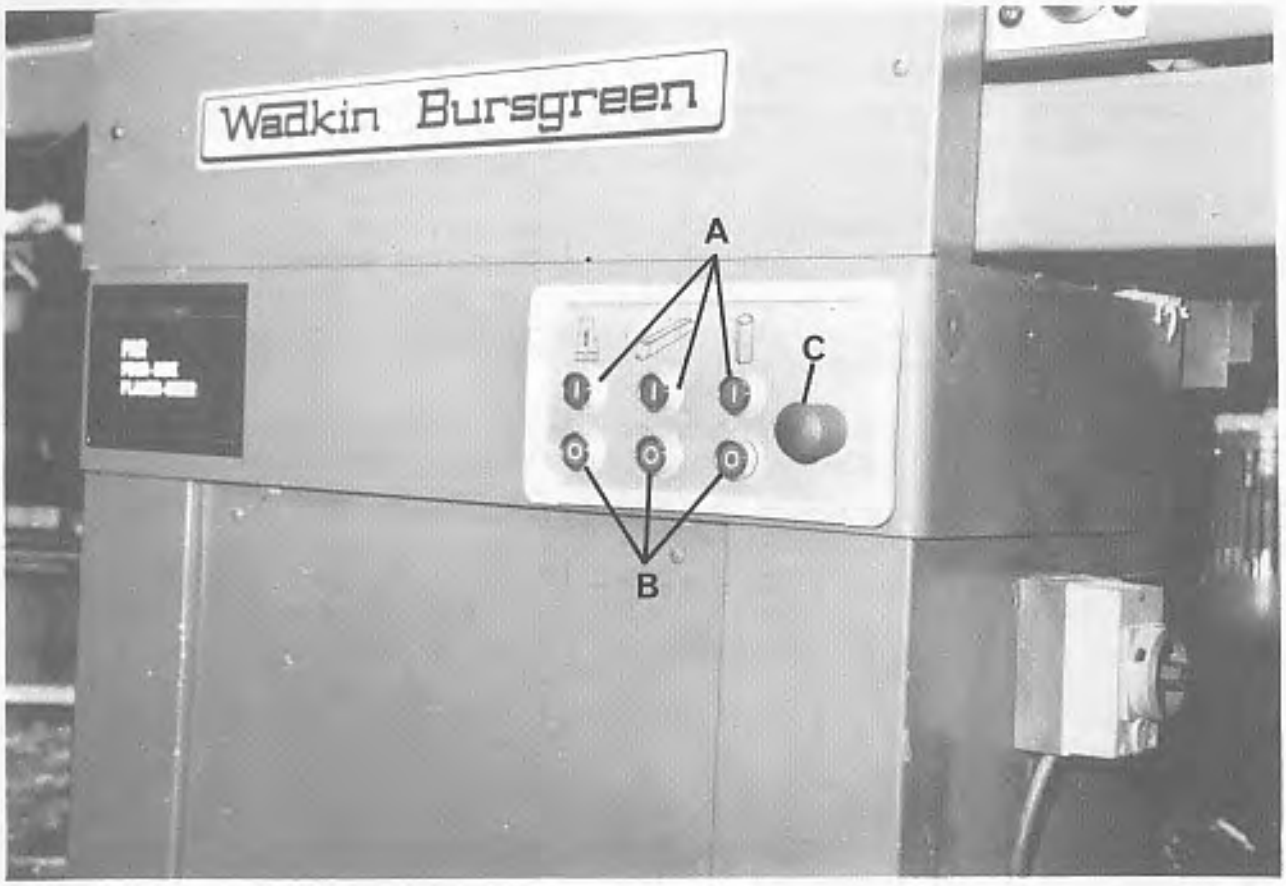


Fig 10

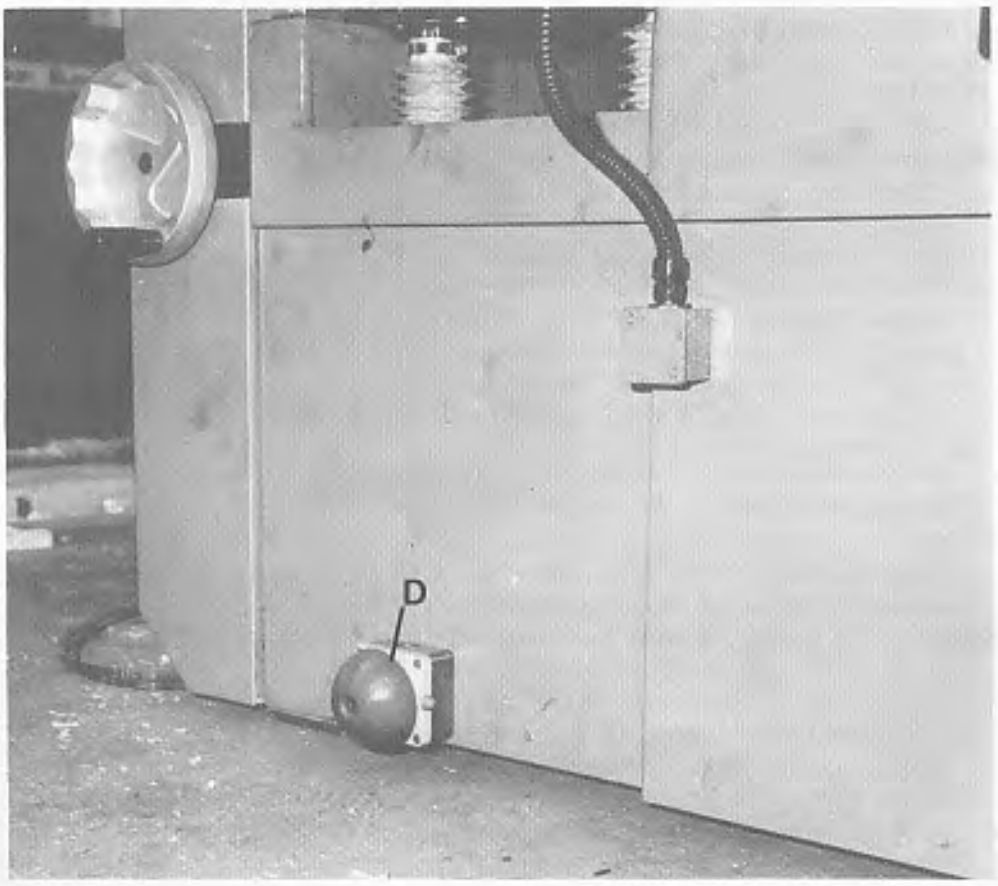


Fig 11

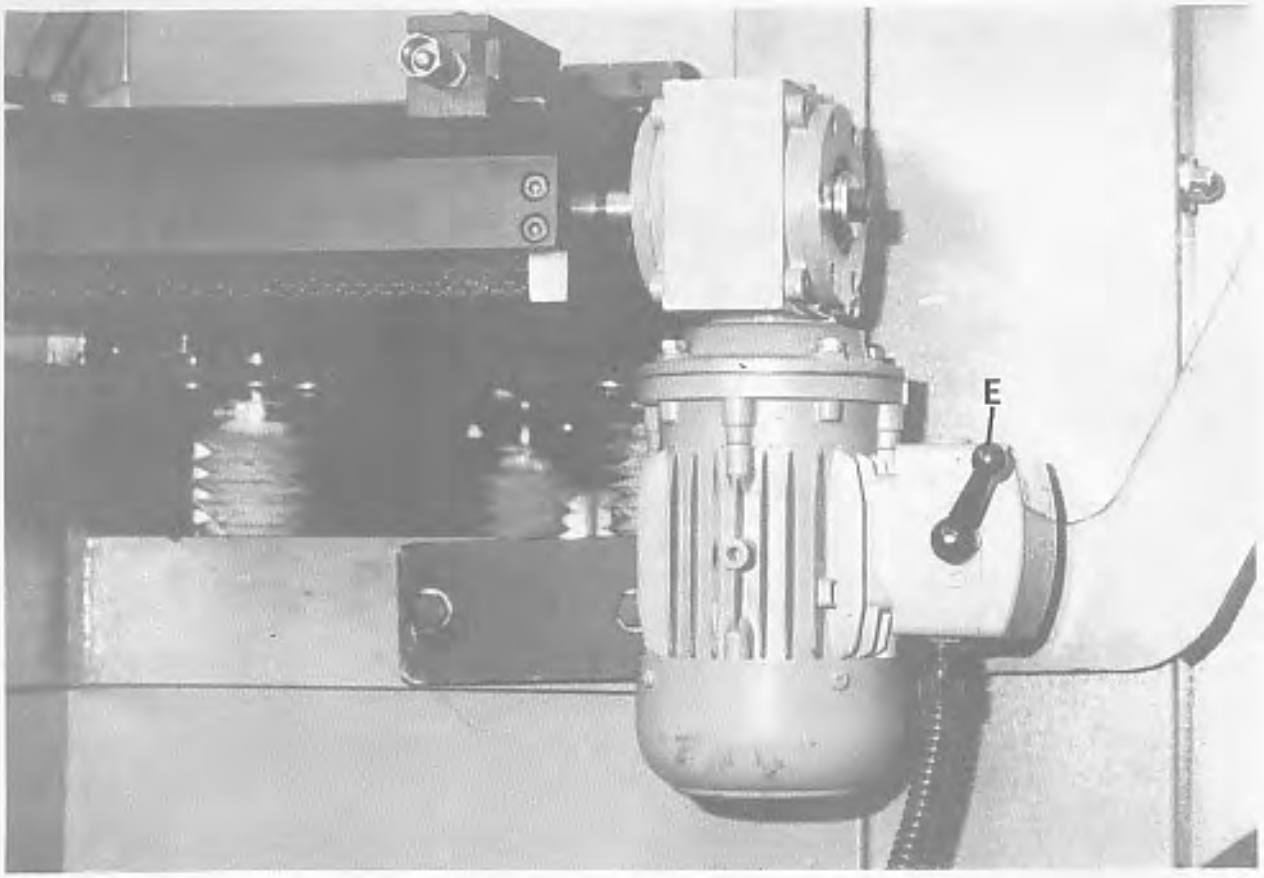


Fig 12

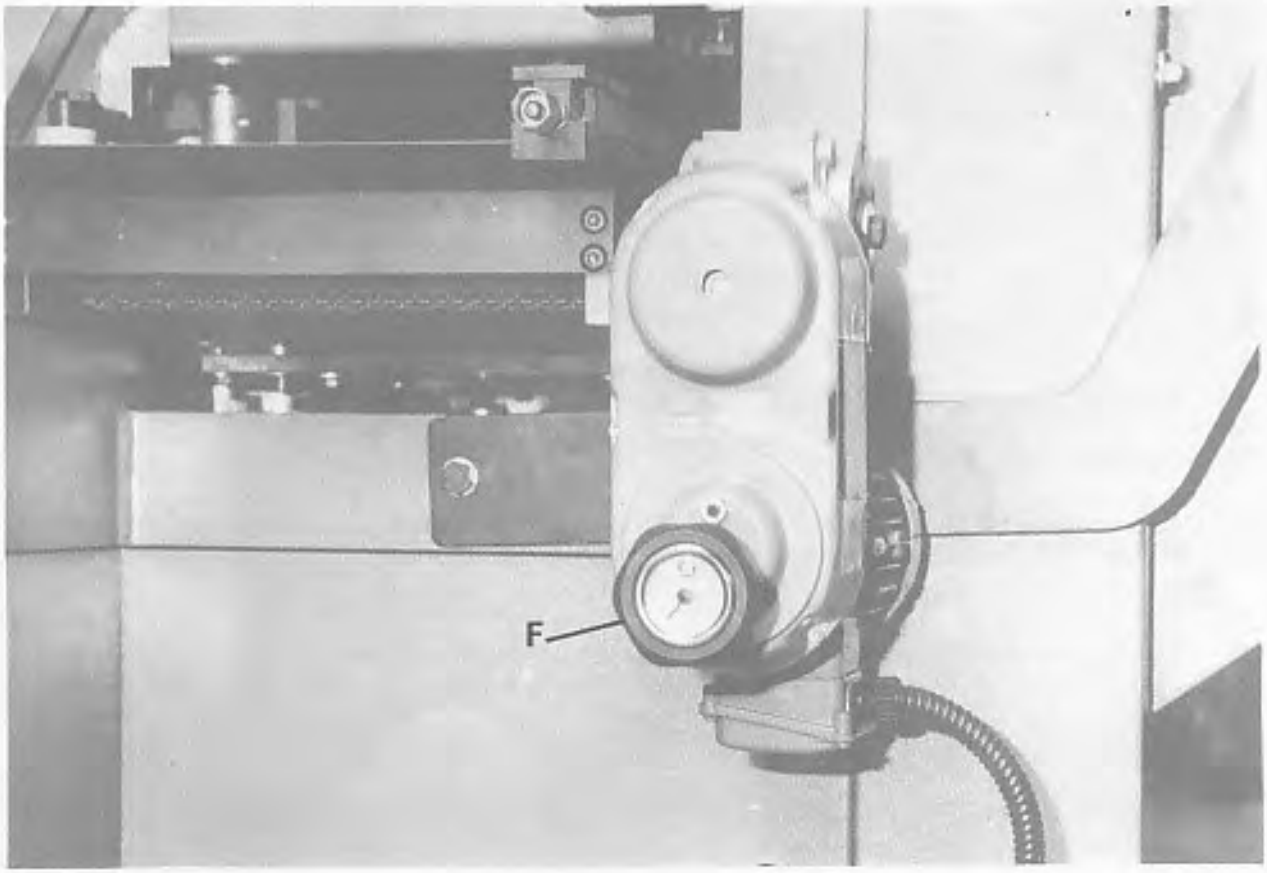


Fig 13

TWO SPEED FEED DRIVE UNITS (STANDARD)

Both planing and thicknessing table units have two speeds of 4.5-9 metres per minute (15-30 feet per minute). To change speed, turn switch "E" FIG.12 to number 1 or 2 depending on speed required.

VARIABLE FEED DRIVE UNITS (OPTIONAL)

Both planing and thicknessing table units have a combined tachometer and handwheel "F" FIG.13 which operates the feed change mechanism and provides variable feed speeds of 3-18 metres per minute (10-58 feet per minute).

IMPORTANT: SPEED ADJUSTMENT OF THE DRIVE SHOULD ONLY TAKE PLACE WHEN THE DRIVE IS RUNNING, NEVER WHEN IT IS STATIONARY.

INFEED PLANING TABLE ADJUSTMENT

To raise or lower the infeed table, move handle "G" FIG.14 in the direction required, working in conjunction with the depth of cut scale "H", indicated by pointer "I".

OUTFEED PLANING TABLE ADJUSTMENT

IMPORTANT: OUTFEED TABLE TOP MUST ALWAYS BE KEPT IN LINE WITH CUTTING CIRCLE OF CUTTERBLOCK.

To raise or lower outfeed table, release locking handle "J" FIG.15. Turn handle "K" in direction required until table is level with cutting circle. Relock locking handle "J".

NOTE: TO ELIMINATE BACKLASH, ALWAYS MAKE FINAL ADJUSTMENT IN UPWARD DIRECTION.

ALIGNMENT OF PLANER SIDE CUTTERBLOCK WITH OUTFEED FENCE

Outfeed planing fence "L" FIG.16 is preset before despatch at our works and should not require further adjustment. It is however, important that the cutting circle of planing side cutterblock is always kept in line with outfeed planing fence.

To align cutting circle of planer side cutterblock with outfeed fence, proceed as follows:-

1) Lift thicknesser hood.

2) Remove locking knob "M" FIG.16 and lift power feed unit "N"

3) Loosen nut "O" FIG.17.

4) To move cutterblock towards fence, loosen grubscrew "P" FIG.17 with 'T' wrench provided and turn grubscrew "R" FIG.16 clockwise until cutting circle of cutterblock is level with fence.

5) To move cutterblock away from fence, reverse procedure of operation 4.

6) Relock grubscrew "P" FIG.17.

7) Relock nut "O" FIG.17.

8) Lower power feed unit and thicknesser hood, lock in position.

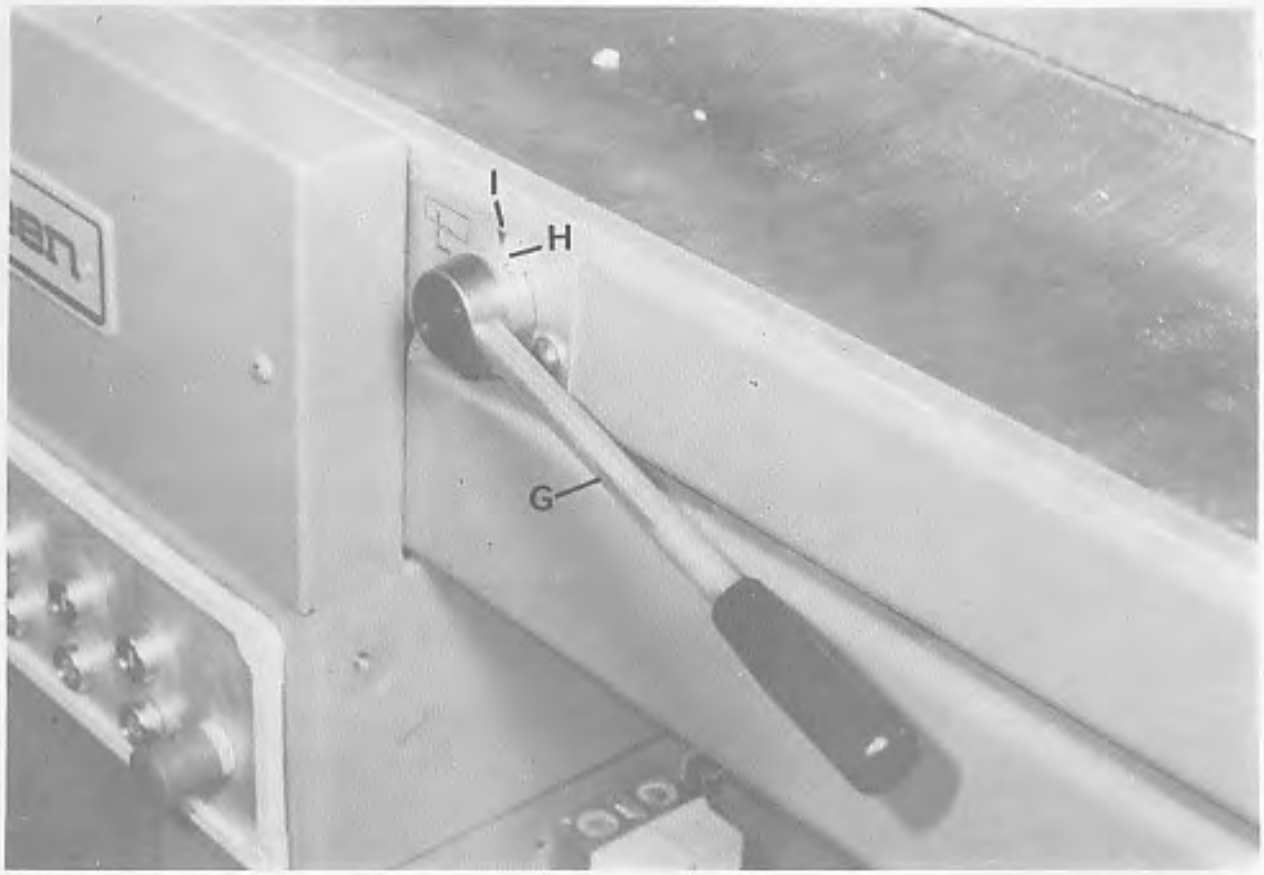


Fig 14

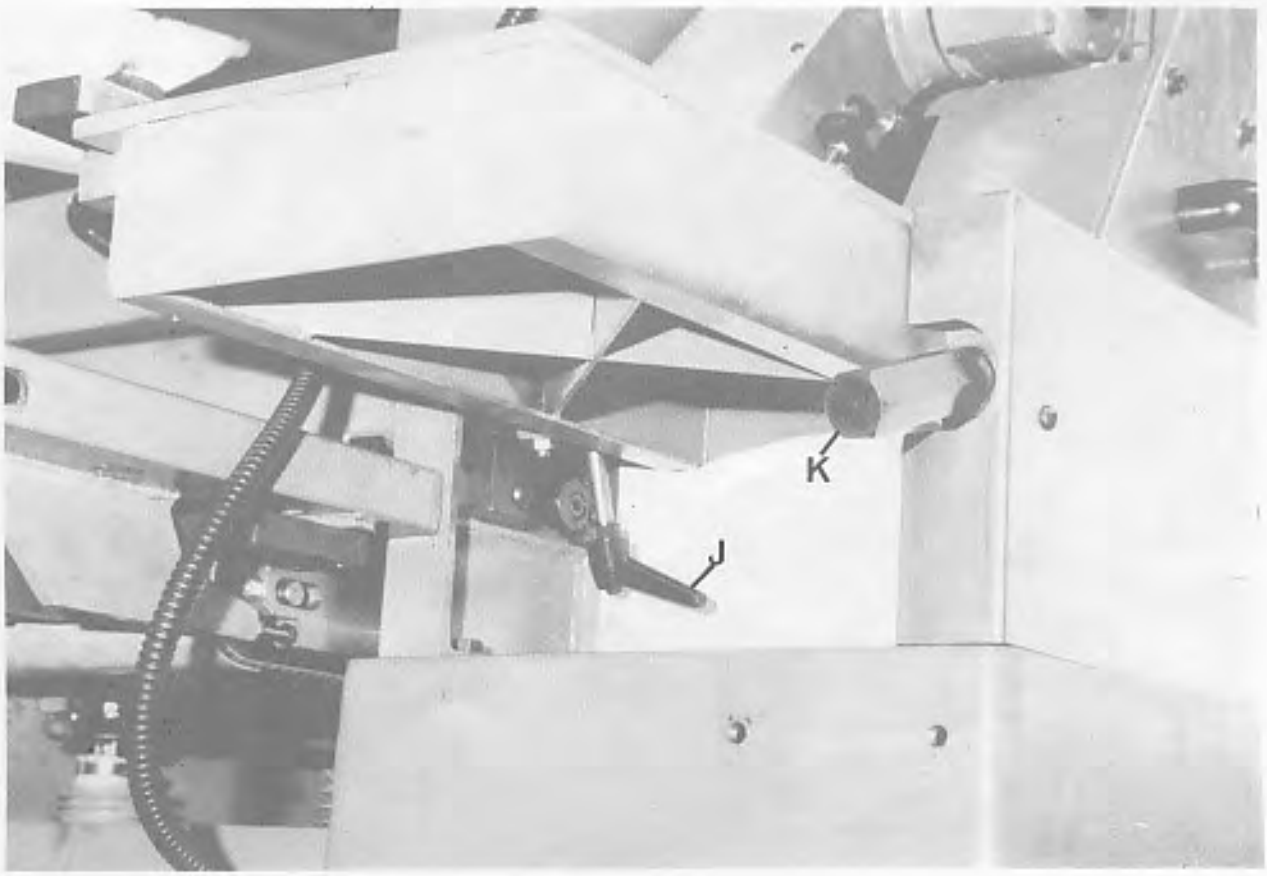


Fig 15

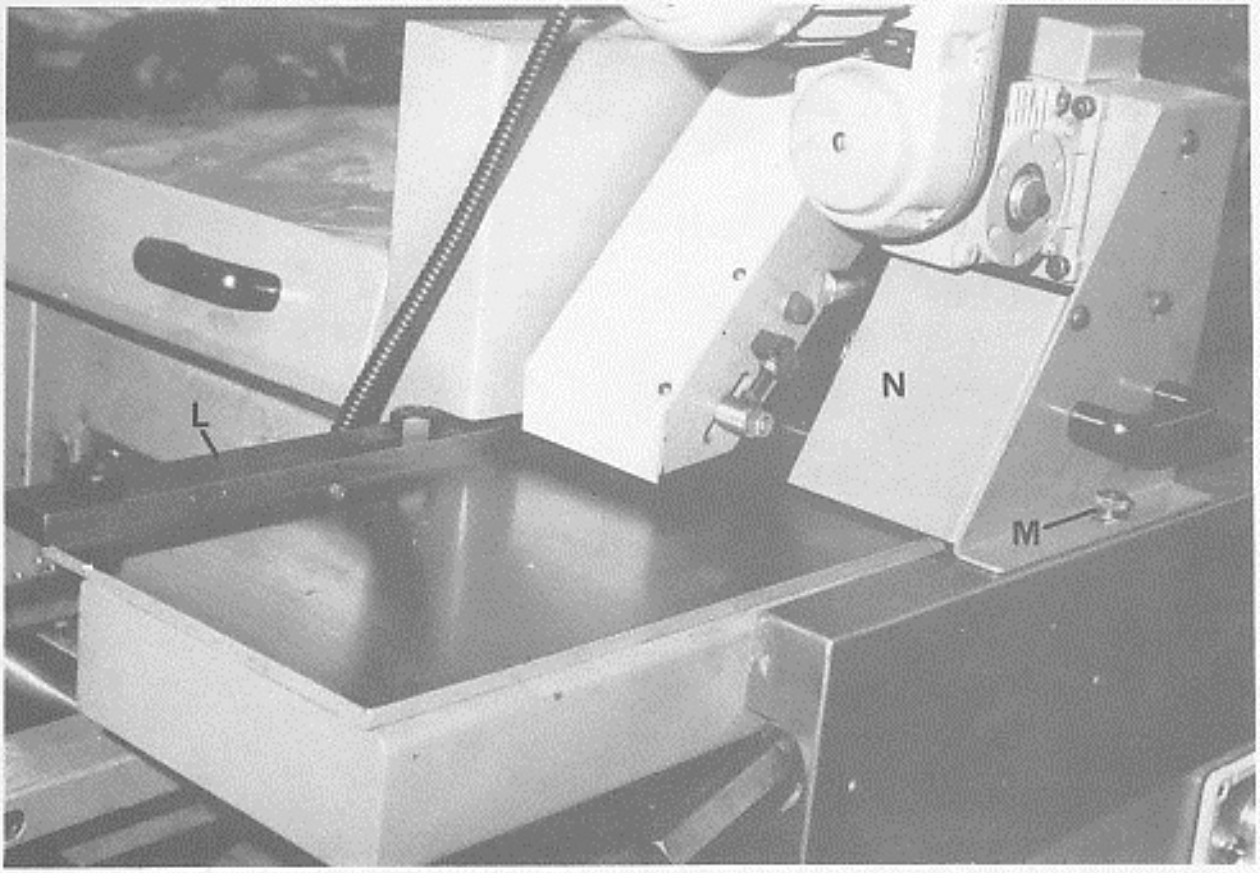


Fig 16

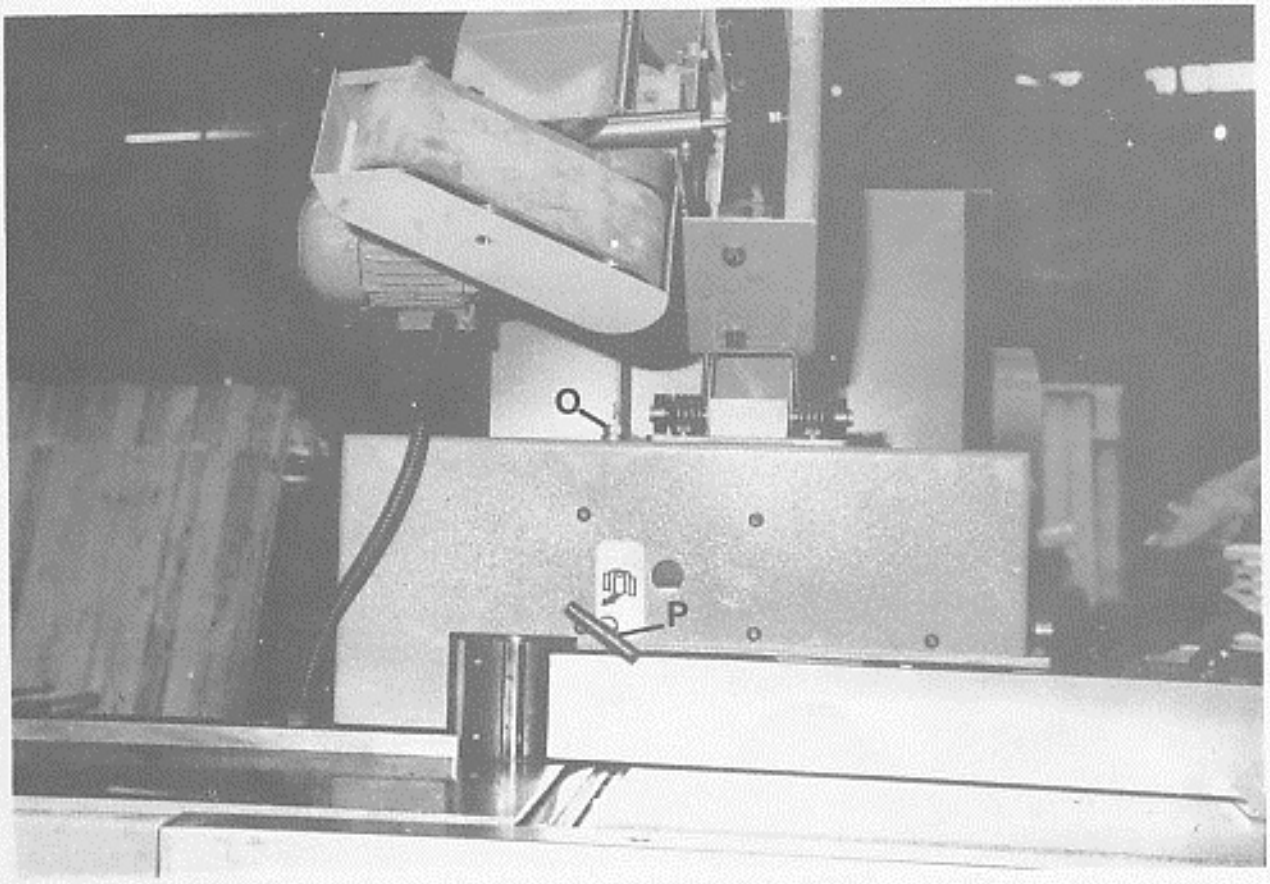


Fig 17

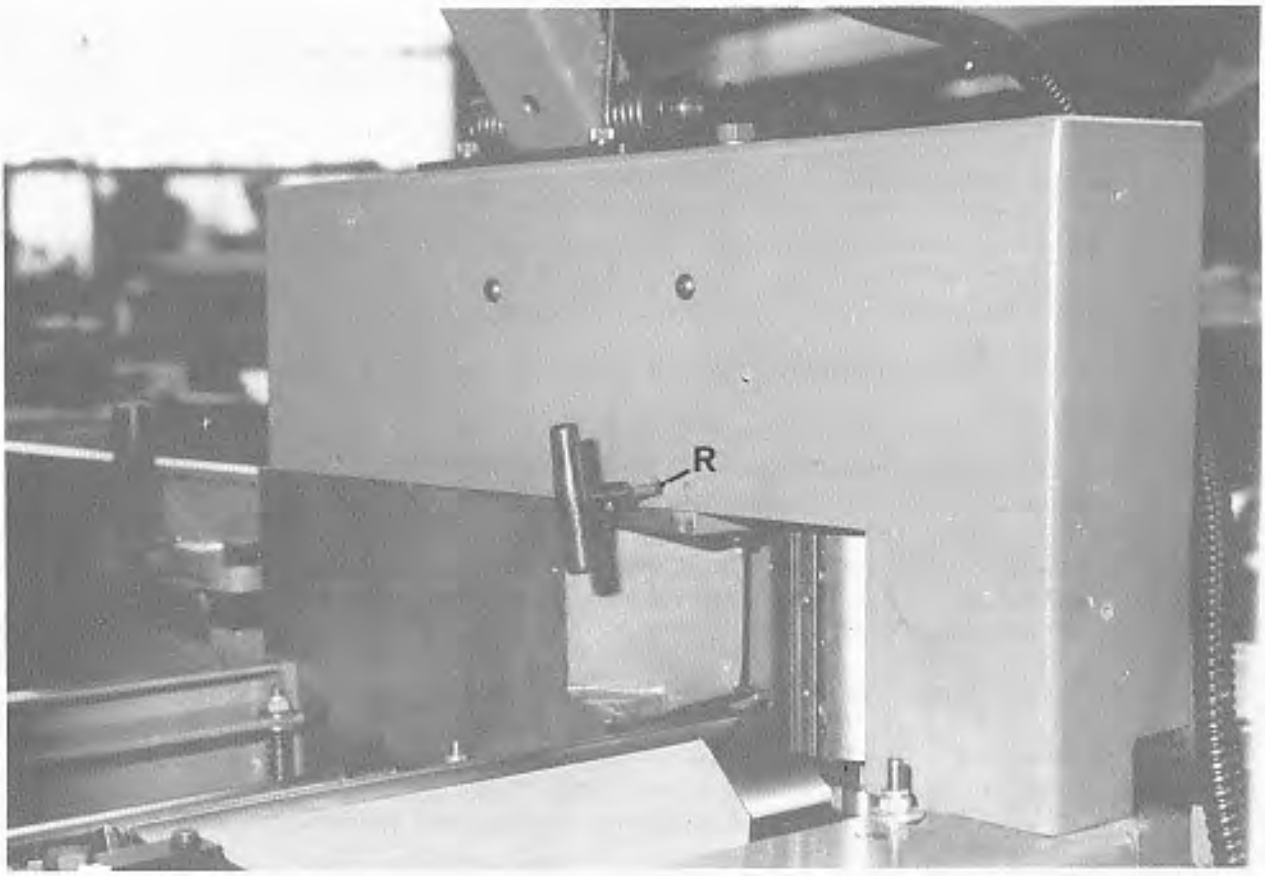


Fig 18

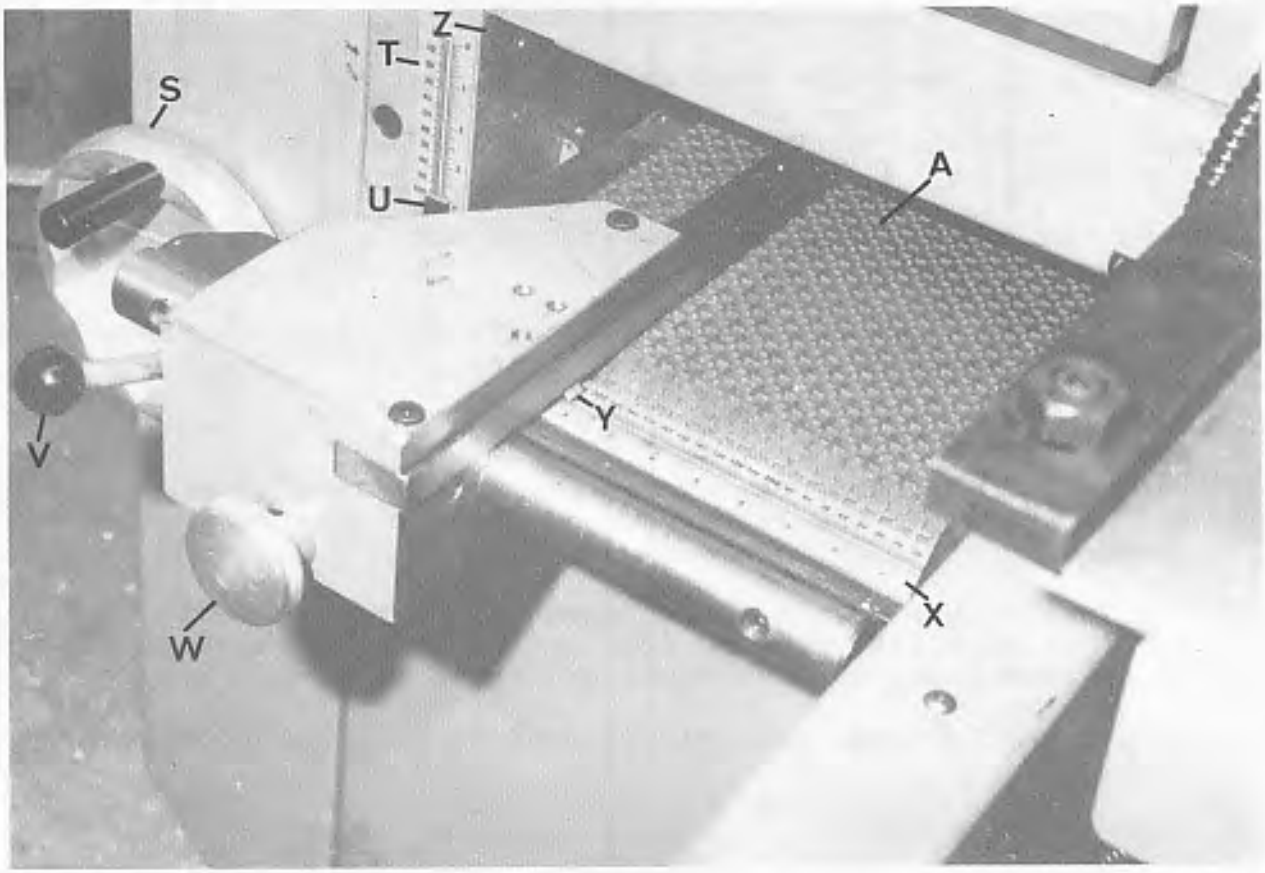


Fig 19

THICKNESSING TABLE RISE AND FALL

Rise and fall of thicknessing table is by handwheel "S" FIG.19 working in conjunction with rise and fall rule "T" indicated by pointer "U".

THICKNESSING TABLE FENCE ADJUSTMENT

Release locking handle "V" FIG.19 and position fence where required with handwheel "W" working in conjunction with fence rule "X" indicated by pointer "Y". Relock locking handle "V".

NOTE: TO THICKNESS TIMBER BELOW 10MM TO A MINIMUM OF 4MM PROCEED AS FOLLOWS:

Using rise and fall handwheel "S" raise thicknessing table until it hits top stop, then turn handwheel a half turn back. Move fence to extreme left, ie, until it hits side housing "Z", lock in this position using locking handle "V". Raise thicknessing table to required positon. Ensure that timber to be thicknessed does not overhang sides of feed belt "A".

TO RETURN TO NORMAL WORKING POSITION (TIMBER 10-100MM THICK).

Lower thicknessing table until a click is heard at which a reading of 25mm is approached on the rise and fall rule "T". Release locking handle "V" and set fence to required position.

GENERAL HINTS FOR SURFACE PLANING

1) Use roller stand (available as an optional extra) to support timber at outfeed end of machine.

2) To obtain the best surface finish always ensure that the direction of grain runs with the cutterblock.

3) To obtain a perfectly flat surface, especially with warped stock. Check timber for being hollow or round, always place hollow side against infeed table and infeed fence, see FIG.20 and FIG.21.

4) Feed timber by hand past cutterblocks until power feed unit takes control.

5) Make full use of rules on infeed table and fence as these rules indicate finished size of timber being planed.

GENERAL HINTS FOR THICKNESSING

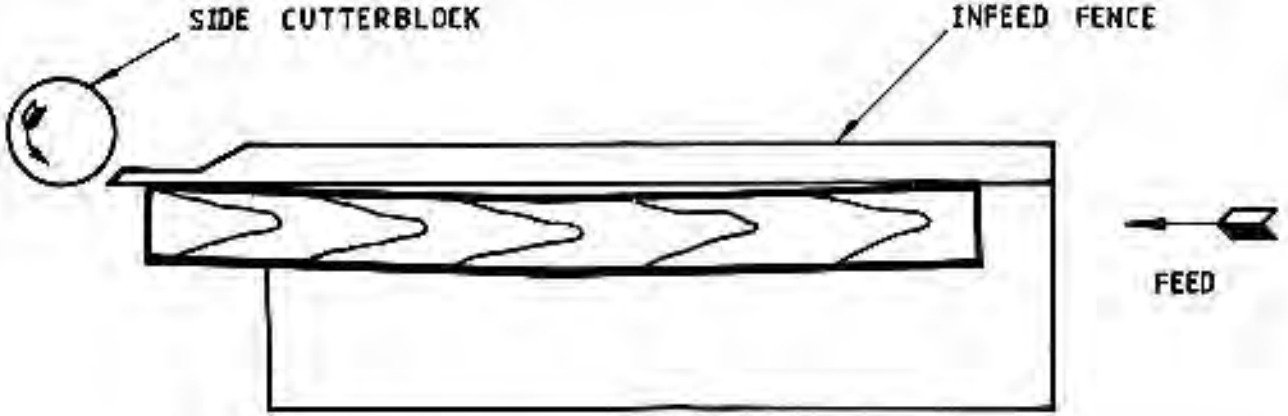
1) When thicknessing timber above 2 metres in length, always support before and after the thicknessing table, otherwise a step will appear on either or both ends.

2) Retrieve timber held by power feed unit after surfacing operation and feed back into machine for thicknessing as shown in FIG.22, ie, planed faces against fence and table.

NOTE: THICKNESSING SIDE MAY BE USED TO FACE AND EDGE LONG LENGTHS

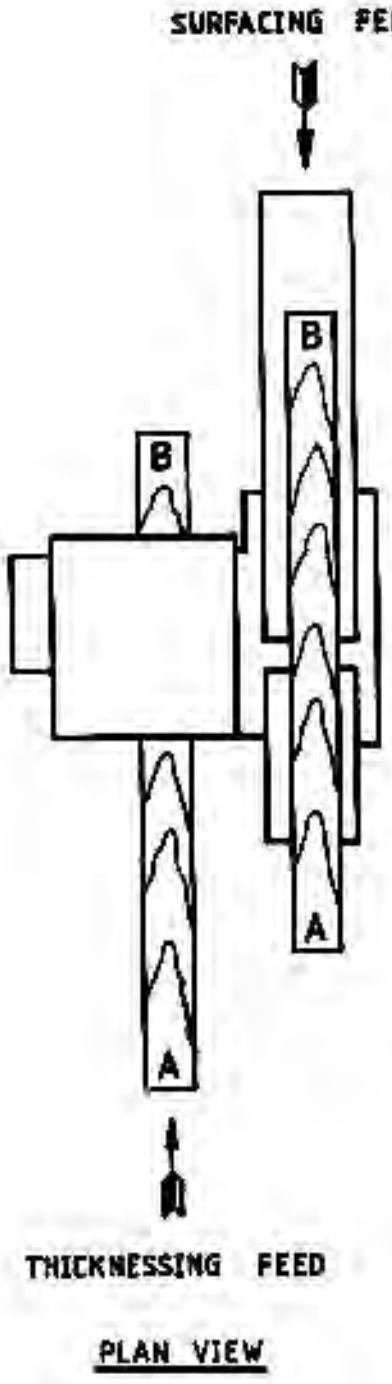
SIDE VIEW

Fig 20



PLAN VIEW

Fig 21



PLAN VIEW

Fig 22

Wadkin
BURSGREEN

T: 0116 2769111
F: 0116 2598138

REPLACEMENT OF RISE AND FALL TIMING BELT

1) Isolate machine electrically.

2) Lift thicknessing table top hood and carefully support it whilst removing 4 - M8 nuts holding hinges. Remove top hood. Remove 2 - M10 dome nuts holding thicknesser side cover. Remove side cover.

3) Raise thicknesser table to top position.

4) Remove 2 - M6 buttons from cover for access to rise and fall spindle pulley "F"

5) Loosen M10 nut behind tension bracket "C" FIG.24 until timing belt "D" can be removed from pulley "E" on rise and fall shaft.

6) Remove existing timing belt "D" from pulley "F" on Rise and Fall spindle FIG.25.

NOTE: New belt should never be forced or prised over the pulley flange. To ensure smooth operation and prevent premature failure, do not sharply bend or crease the belt.

7) Position new belt over pulley "F" on Rise and Fall spindle.

8) Turn belt through 90° and locate over pulley "E" on Rise and Fall shaft, FIG.25.

9) Adjust M10 nuts "B" FIG.24 to tension belt. Correct tension will have been achieved when belt can be deflected to 8mm in centre of span.

10) Lock M10 nuts "B"

11) Replace thicknesser side cover and top hood.

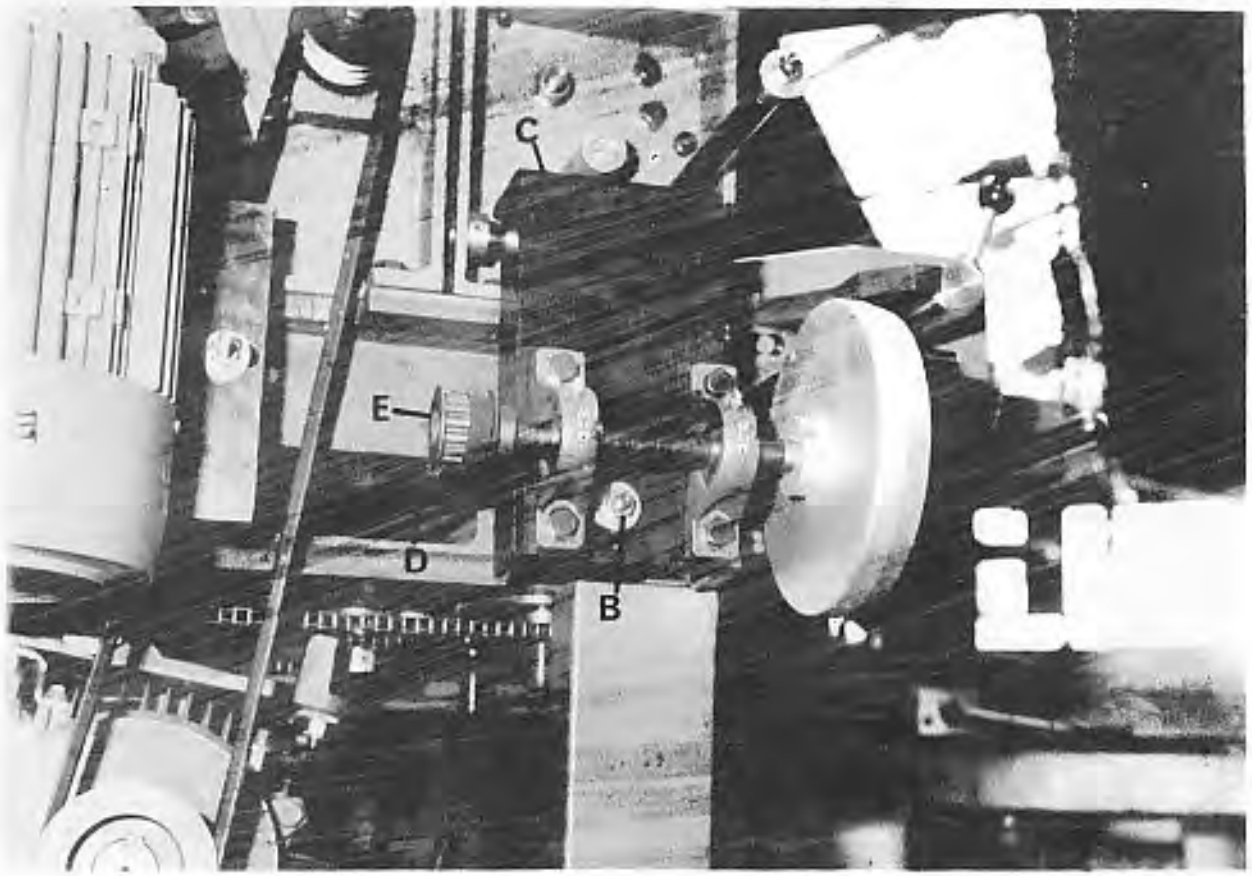
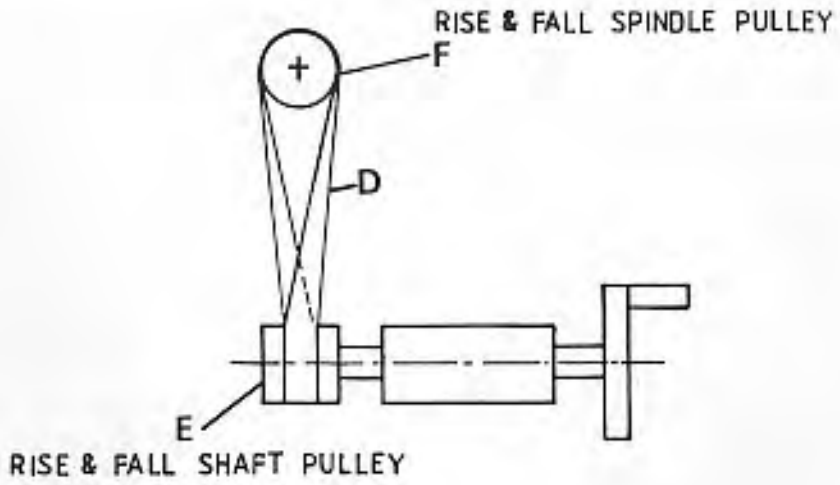


Fig 24



PLAN VIEW

Fig 25

REPLACEMENT OF HORIZONTAL CUTTERBLOCK BELTS

1) Isolate machine electrically.

2) Lift thicknessing table top hood and carefully support it whilst removing 4 - M8 nuts holding hinges. Remove top hood. Remove 2 - M10 dome nuts holding thicknesser side cover. Remove side cover.

3) Release tension on M10 nut behind M10 nut "G" on pivot plate "H" FIG.26.

4) Remove thicknesser side head drive belt "J" from drive pulley "K" FIG.27.

5) Remove M10 nut and washer "G" from stud "L" FIG.26.

6) Pivot side head drive motor "M" FIG.27 until clear of stud "L"

7) Remove existing three vee belts.

8) Replace with three new vee belts.

9) Reverse procedure of operations 1-6

NOTE: Weight of motor tensions belts.

REPLACEMENT OF BOTTOM SIDE HEAD CUTTERBLOCK BELT

1) Isolate machine electrically.

2) Lift thicknessing table top hood and carefully support it whilst removing 4 - M8 nuts holding hinges. Remove top hood. Remove 2 - M10 dome nuts holding thicknesser side cover. Remove side cover.

3) Lower thicknessing table to bottom position.

4) Release tension on M10 nut behind M10 nut "G" on pivot plate "H" FIG.26.

5) Remove thicknesser side head drive belt "J" from drive pulley "K" FIG.27.

6) Replace with new drive belt.

7) Adjust M10 nut behind pivot plate "H" to tension belt. Correct tension will have been achieved when belt can be deflected to 13mm in centre of span.

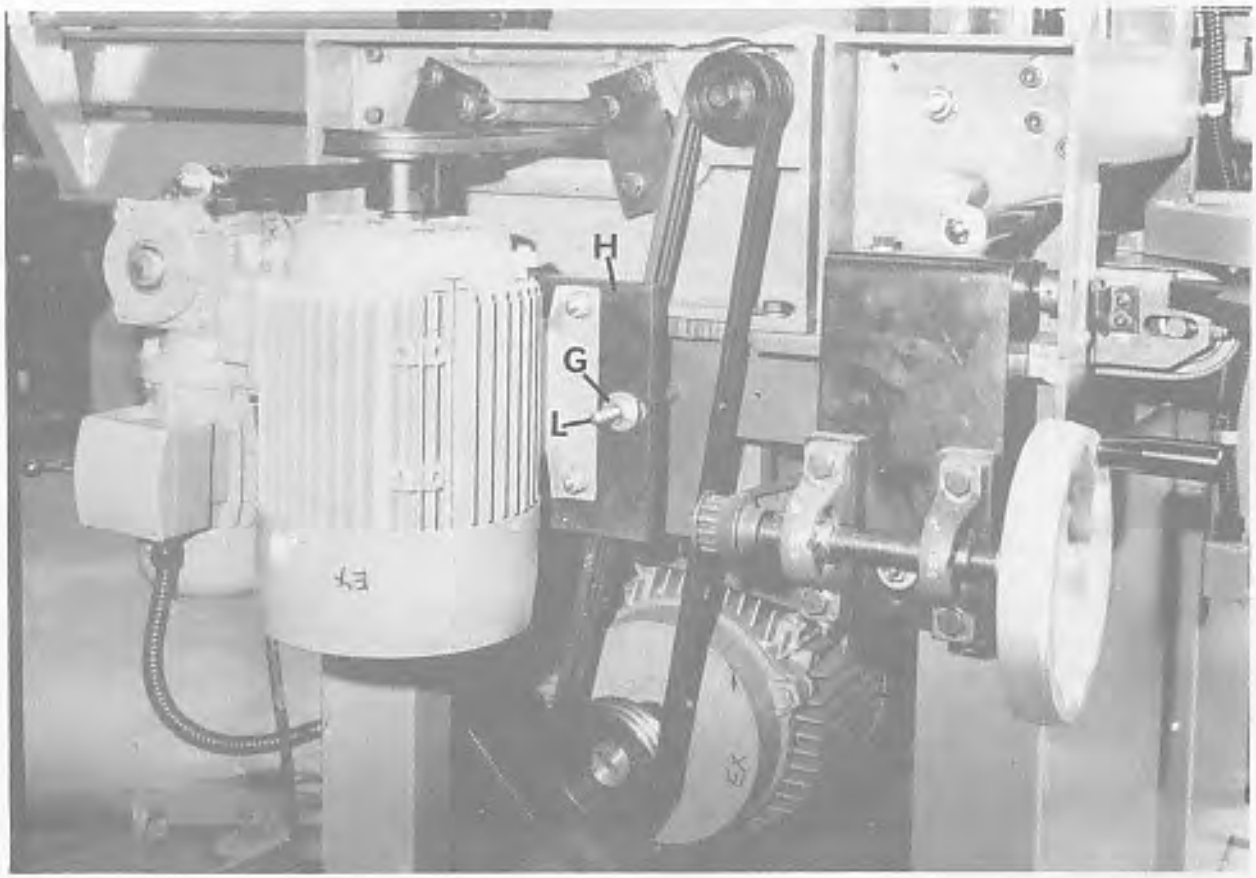


Fig 26

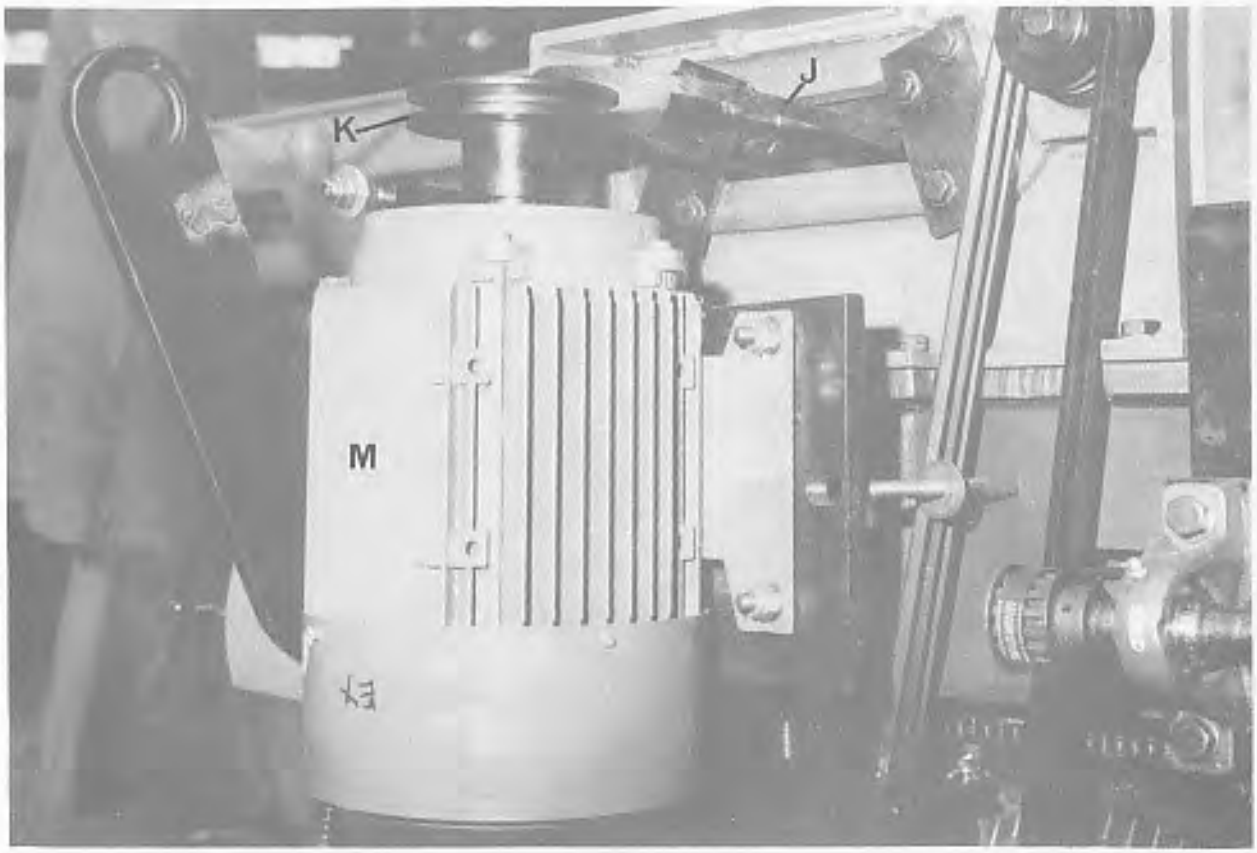


Fig 27

REPLACEMENT OF TOP SIDE HEAD CUTTERBLOCK BELT

1) Isolate machine electrically.

2) Remove 1 - M10 socket capscrew "M" FIG.29 from planer feed unit "O" and screw into top of planer feed unit.

3) Remove 3 remaining M10 socket capscrews and carefully lift planer feed unit from machine.

4) Remove 7 - M8 button head screws "P" FIG.30. Remove top side head guard "Q". (5 are located at Surfacer side and 2 at thicknesser side).

5) Loosen M12 nut "R" FIG.31.

6) Release tension on pulley by belt adjuster "S" FIG.31. Remove existing belt.

7) Position new belt over pulleys and tension belt with belt adjuster "S". Correct tension will have been achieved when belt can be pulled 6mm in centre span.

8) Reverse procedure of operations 1 - 5.

RISE AND FALL CHAIN TENSION

1) Isolate machine electrically.

2) Raise thicknessing table to top position.

3) Loosen M12 aerotight nut "N" FIG.28 and turn M8 grubscrew.

4) Retighten M12 Aerotight nut "N".

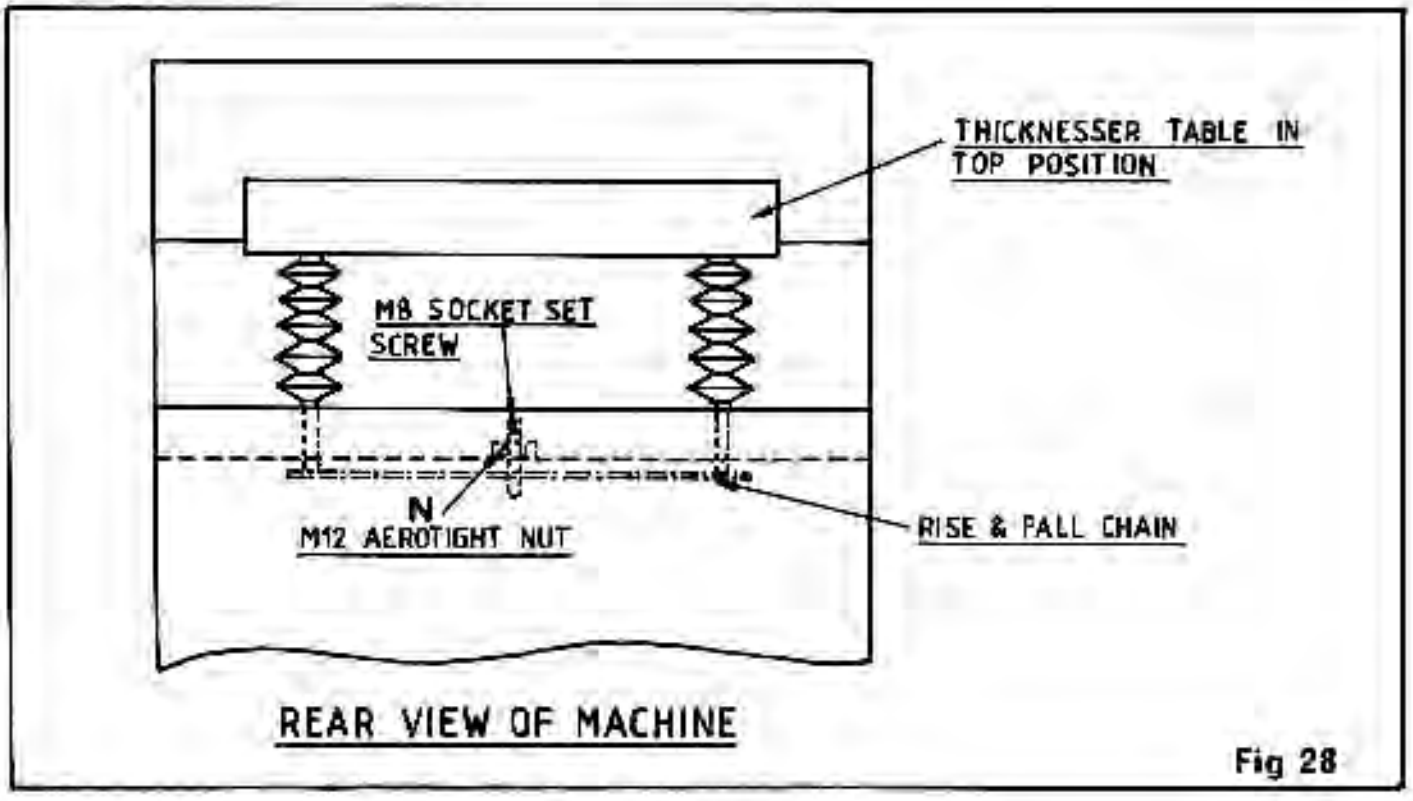


Fig 28

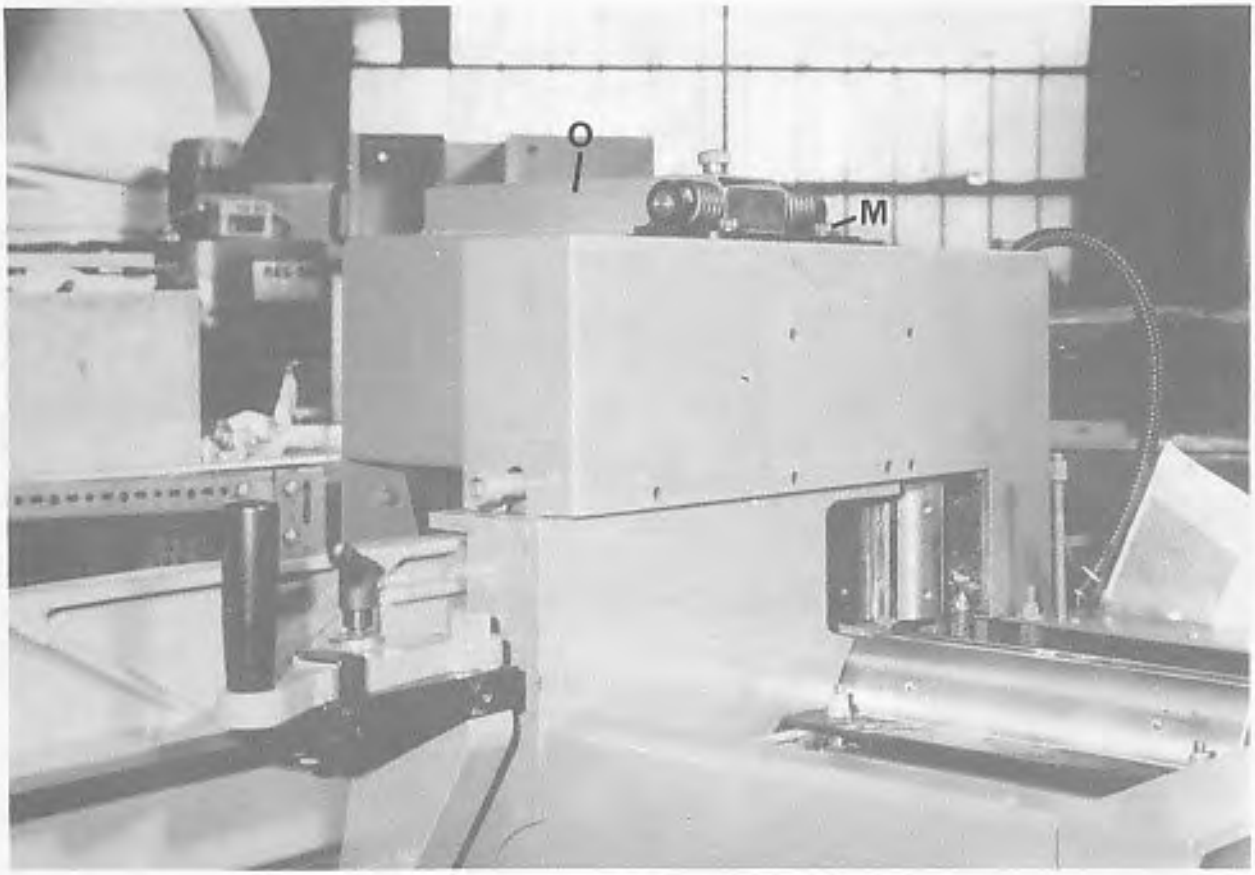


Fig 29

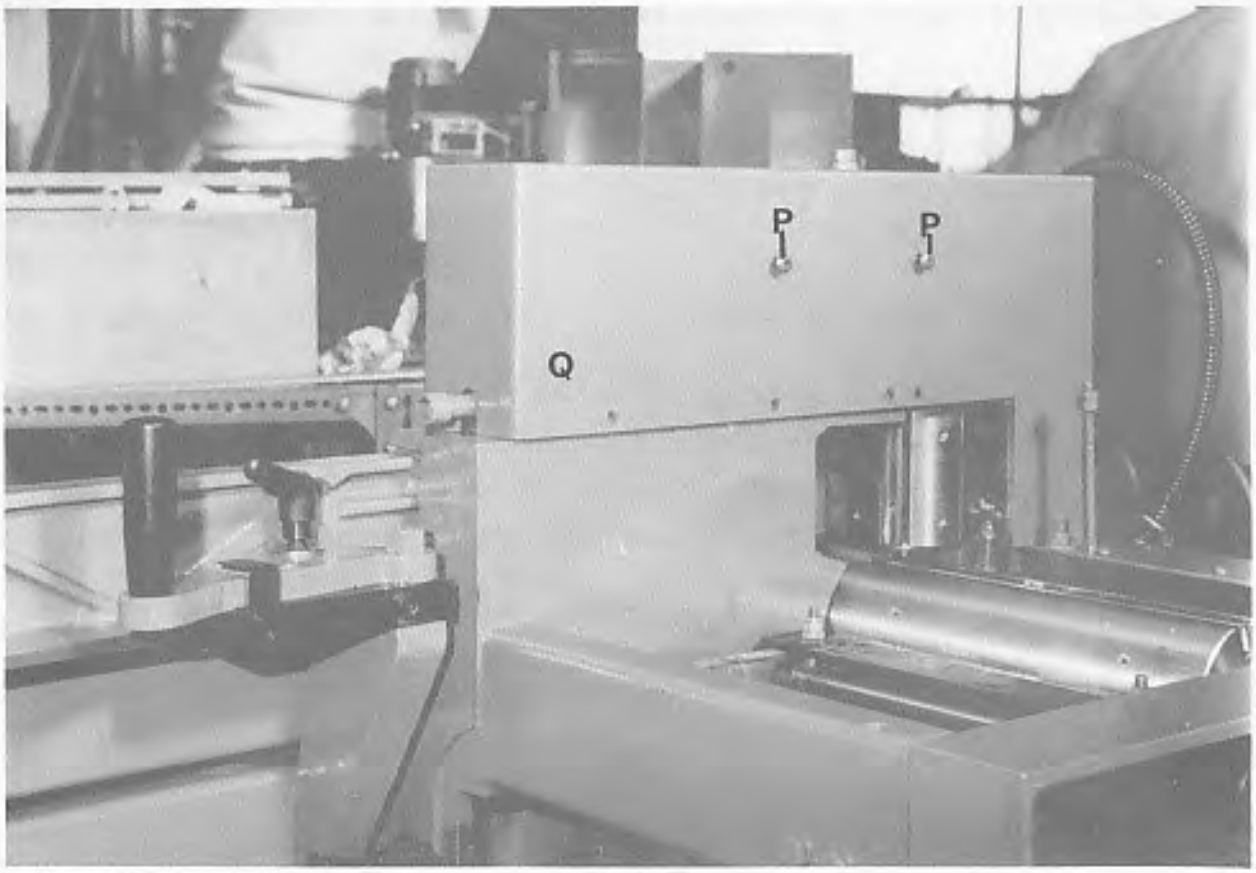


Fig 30

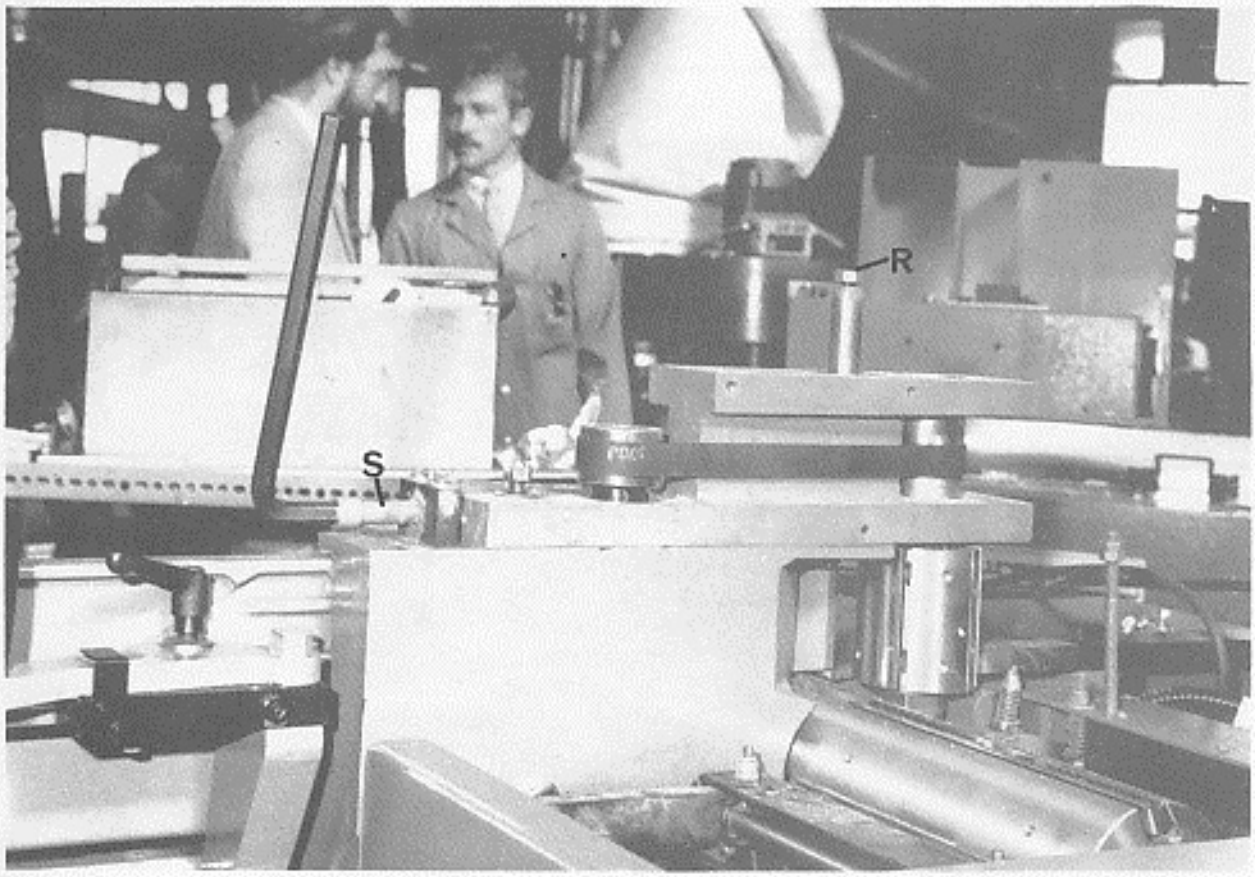


Fig 31

REPLACEMENT OF THICKNESSING TABLE BELT

1) Isolate machine electrically.

2) Remove 3 - M8 cap head screws "T" FIG.32.

3) Withdraw front fence side bar "U" FIG.32.

4) Lift thicknesser "V" fence and remove from machine FIG.32.

5) Remove 2 - M6 cap head screws "W" and thicknesser pointer "X" FIG.33.

6) Remove 2 - plastic plugs "Y" and 2 - M8 cap head screws "Z" FIG.34.

7) Remove thicknessing table support "A" complete FIG.34.

8) Remove 2 - M10 cap head screws "B" and rule support "C" complete FIG.35.

9) Remove M10 hexagon bolt and washer "D" FIG.36 (Rear of thicknesser table).

10) Remove M10 nut and washer "E" FIG.36 (Rear of thicknesser table).

11) Carefully withdraw feed drive unit "F" from thicknesser table rear roller.

12) Remove 2 - M10 hexagon bolts "G" and remove outfeed side pressure "H" FIG.37.

13) Remove 4 - M8 caphead screws "J" and rear fence slide bar "K" complete with guard FIG.38.

14) Raise thicknessing table to top position.

15) Remove 4 - M10 hexagon bolts "L" FIG.39.

16) Lower thicknessing table to bottom position.

17) Carefully lift and withdraw thicknessing table from rear of machine.

18) Loosen 2 - M8 aerotight nuts "M" to release belt tension FIG.40.

19) Remove 2 - M10 hexagon bolts "N" and side bearing plate "O" FIG.41.

20) Remove existing belt.

21) Replace with new belt.

22) Replace side bearing plate "O" and bolt in position using 2 - M10 bolts "N".

23) Adjust 2 - M8 aerotight nuts "M" giving a equal number of turns on each nut until belt is initially tensioned (ie no slack), then give further 10mm on each nut to obtain correct tension.

24) Reverse procedure of operations 1 to 17.

NOTE - WHEN REPLACING TABLE, ENSURE TABLES GUIDES ARE UP AGAINST MACHINED FACE ON BEARING HOUSING.

PERIODICALLY CHECK TRACKING OF BELT AND ADJUST ACCORDINGLY.
NOTE - BELT SHOULD BE TRACKED WHILE RUNNING

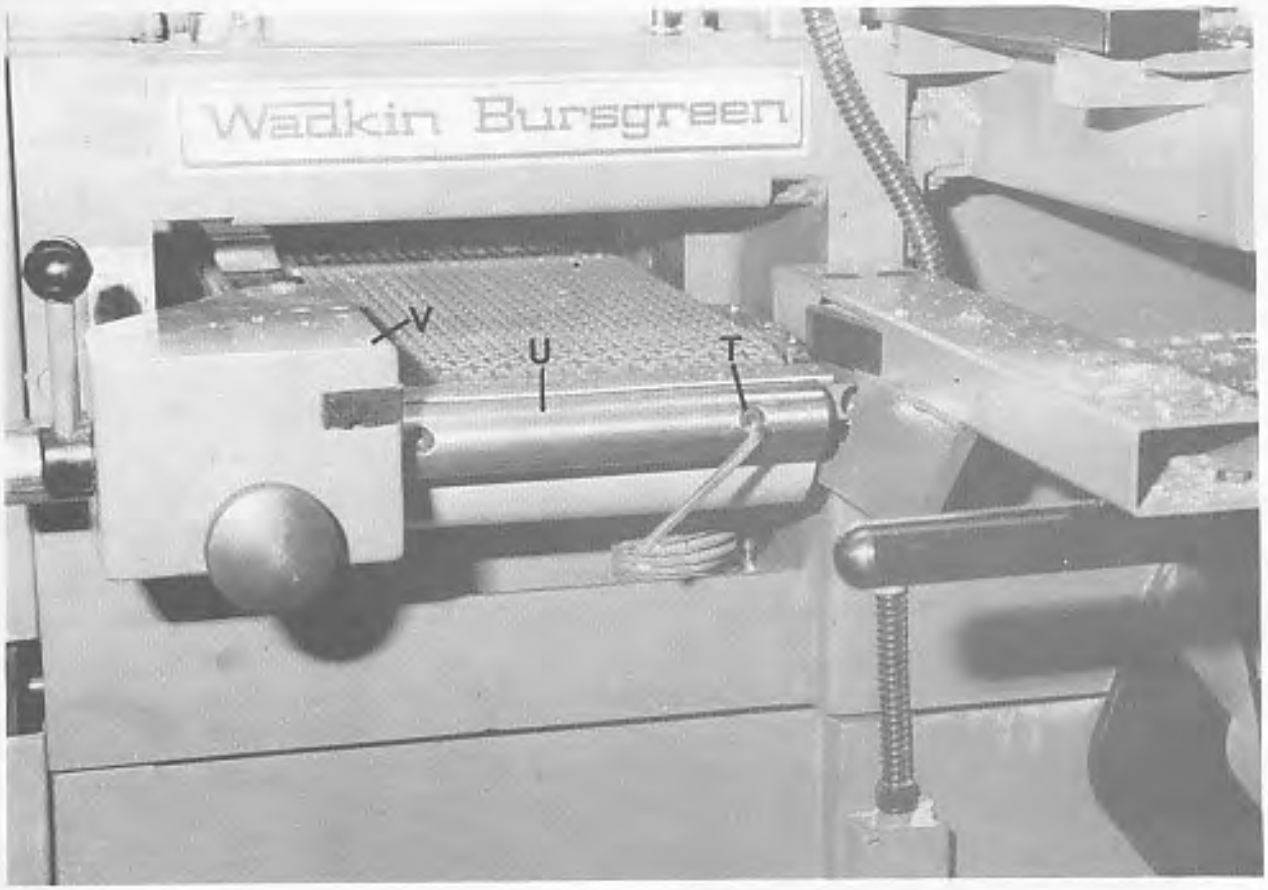


Fig 32

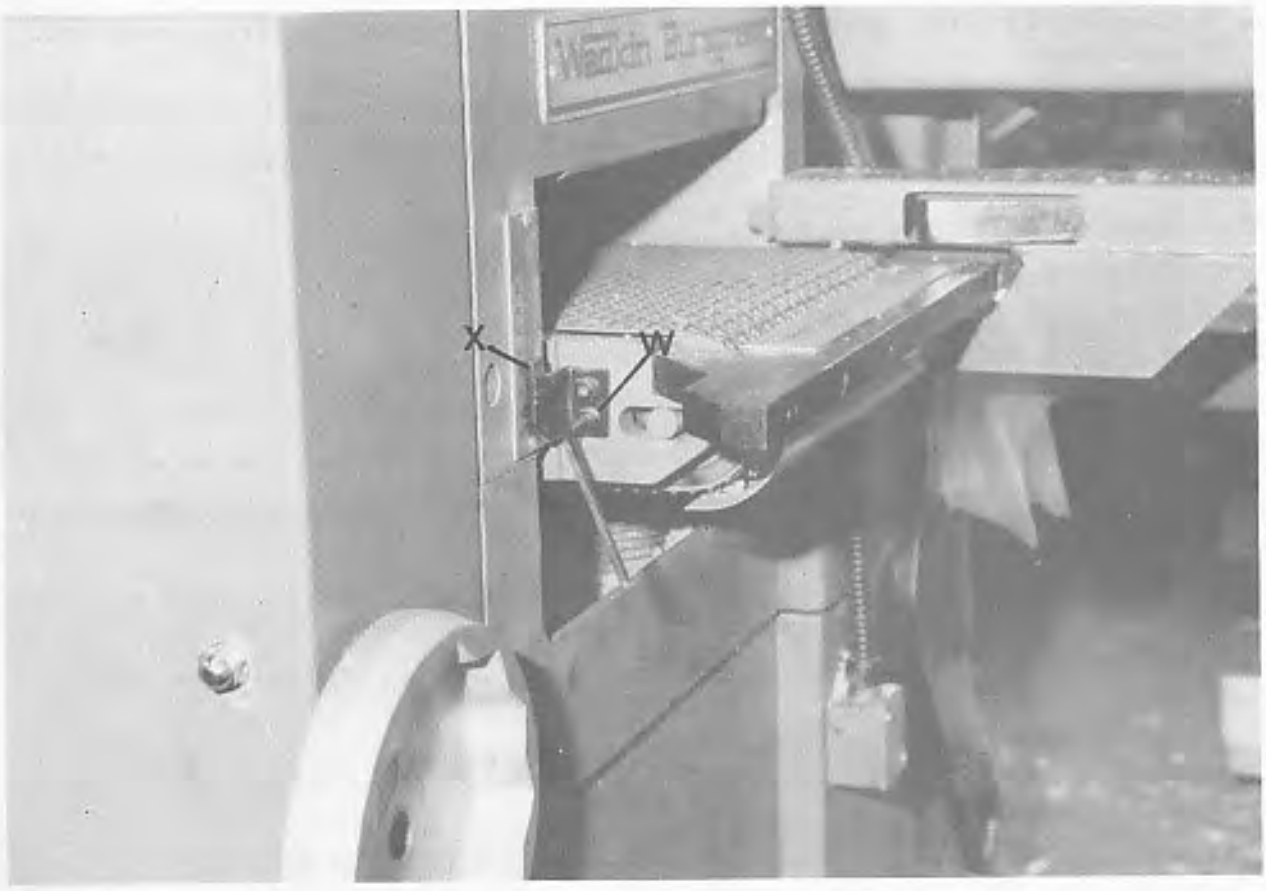


Fig 33

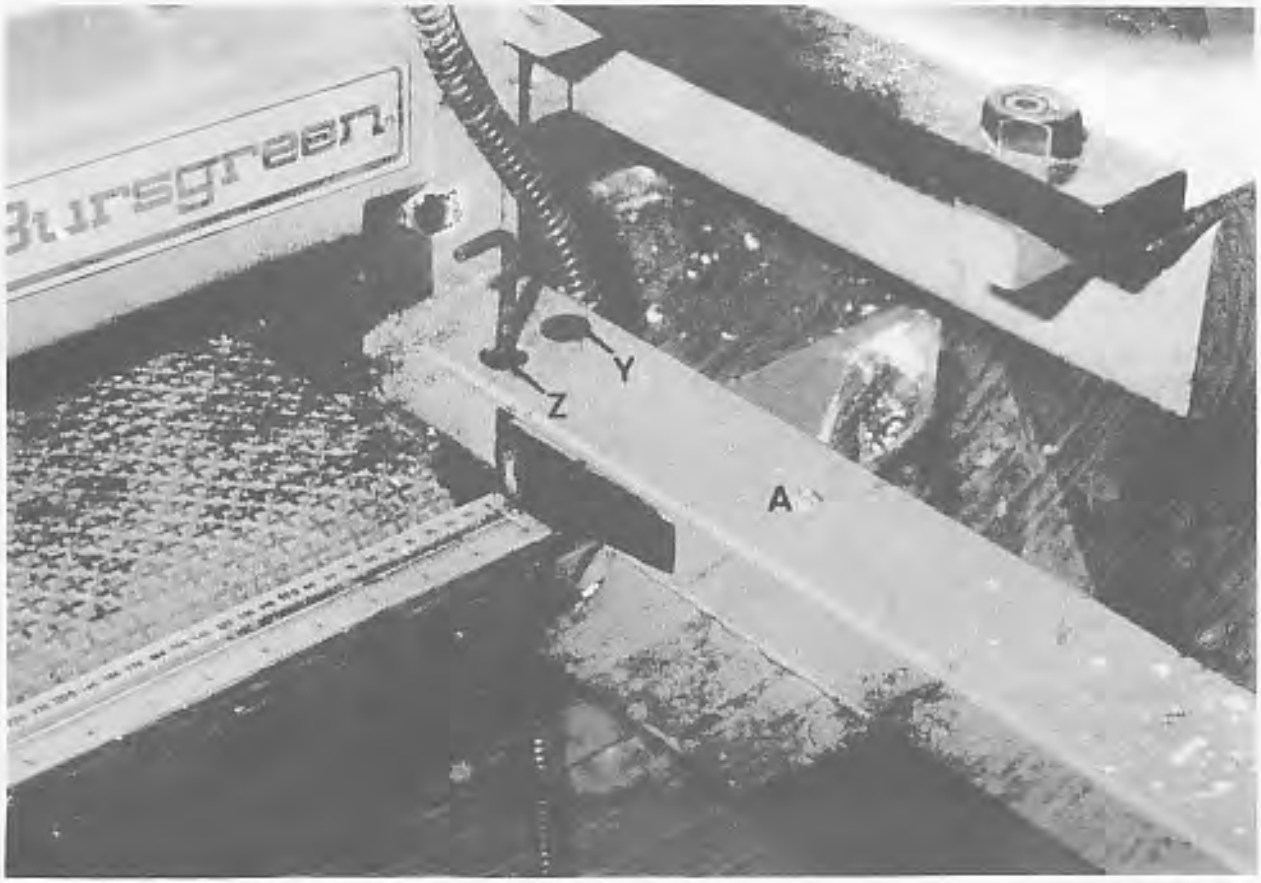


Fig 34

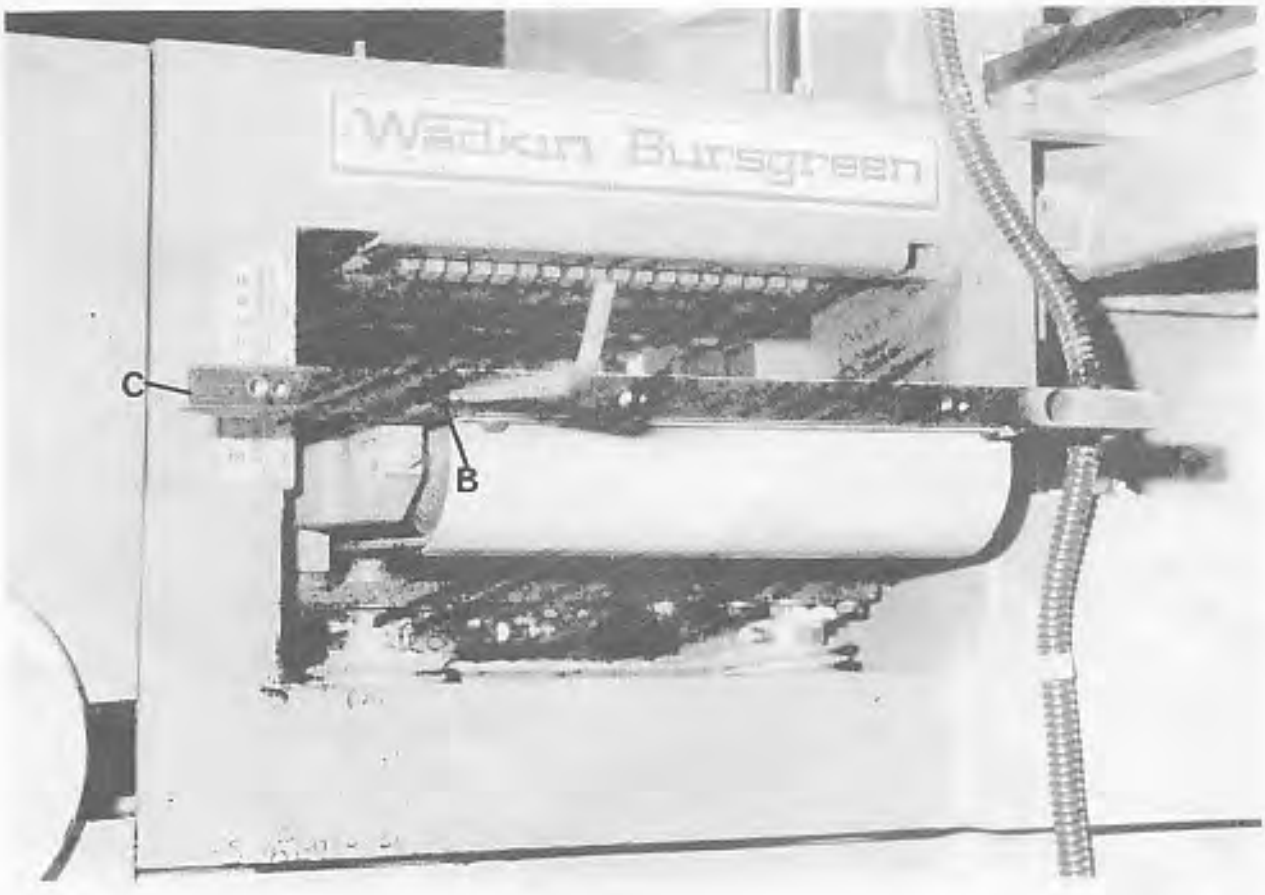


Fig 35

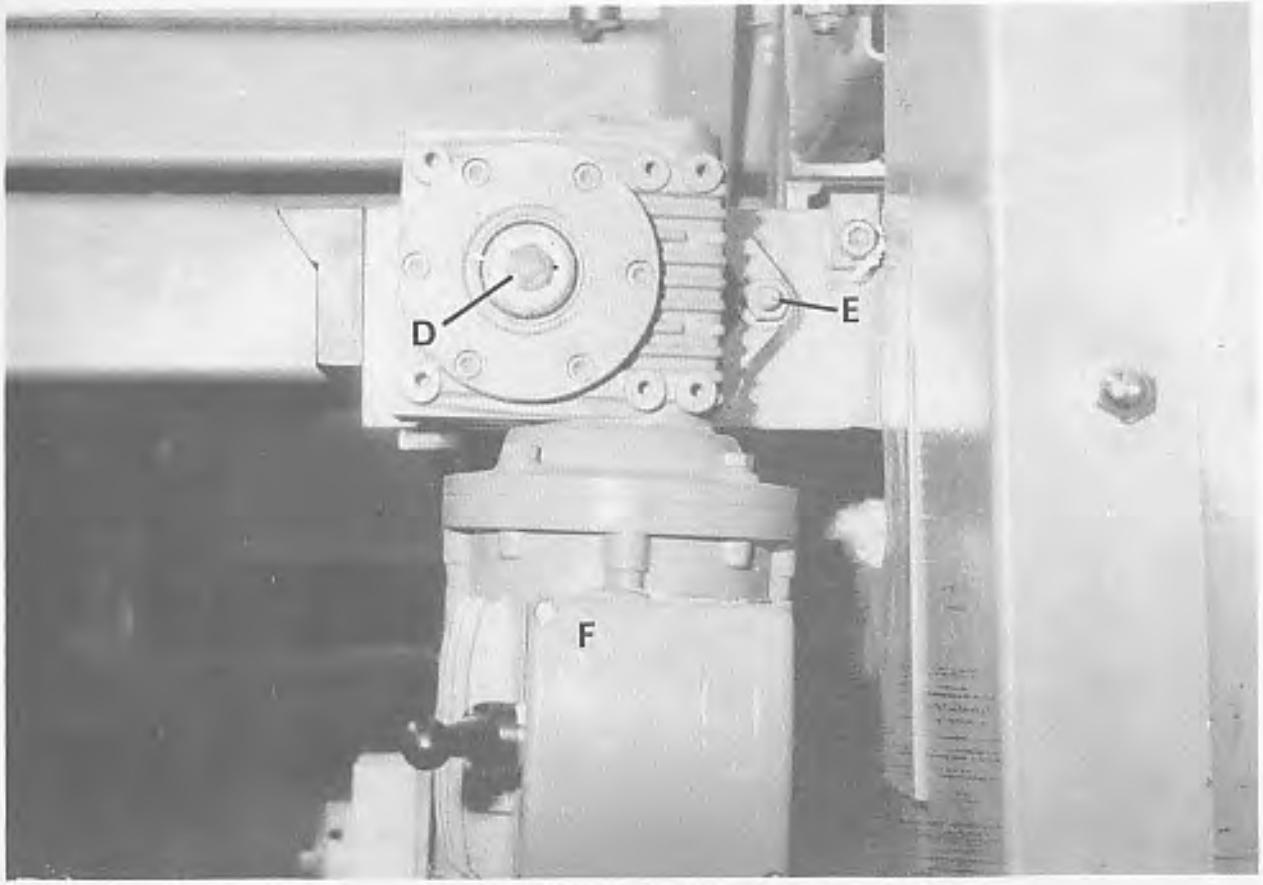


Fig 36

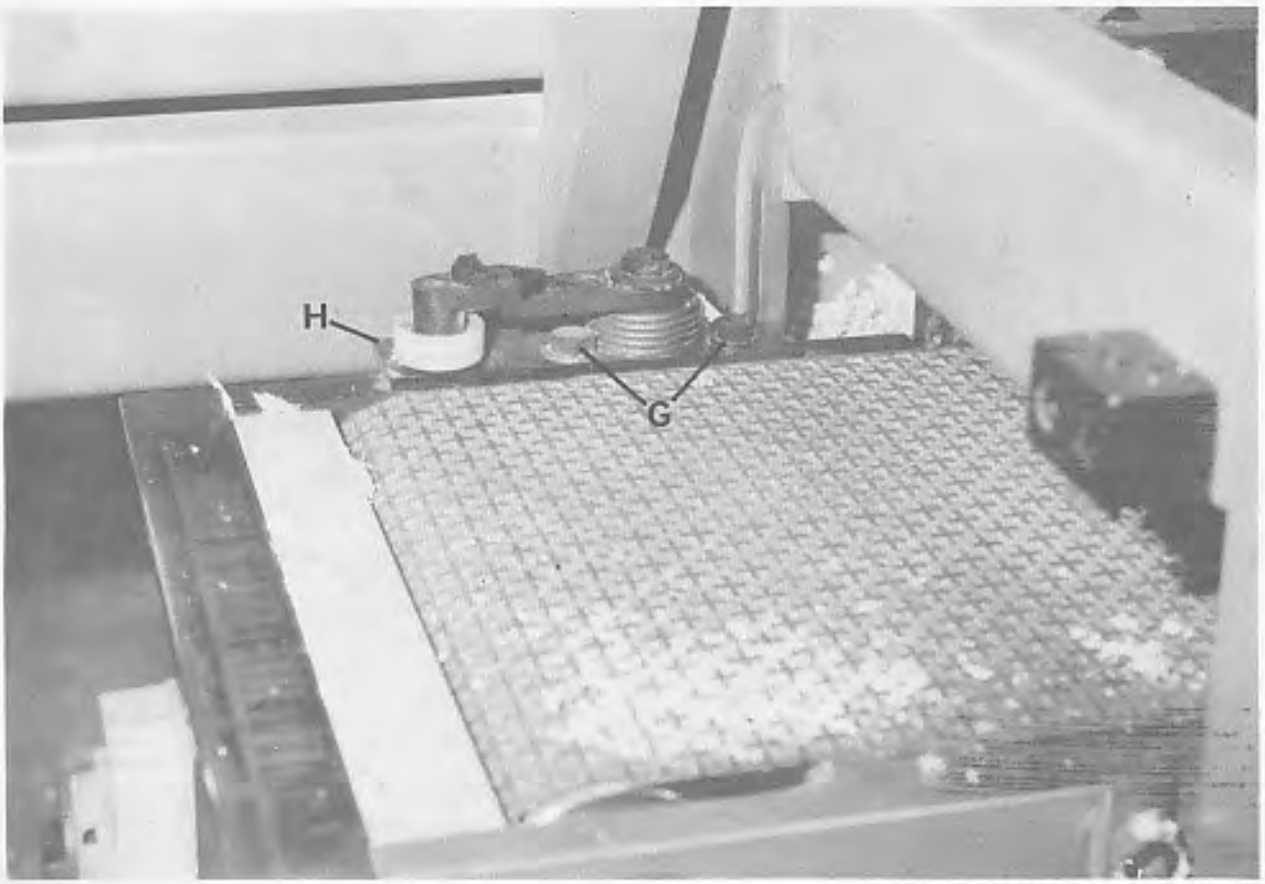


Fig 37

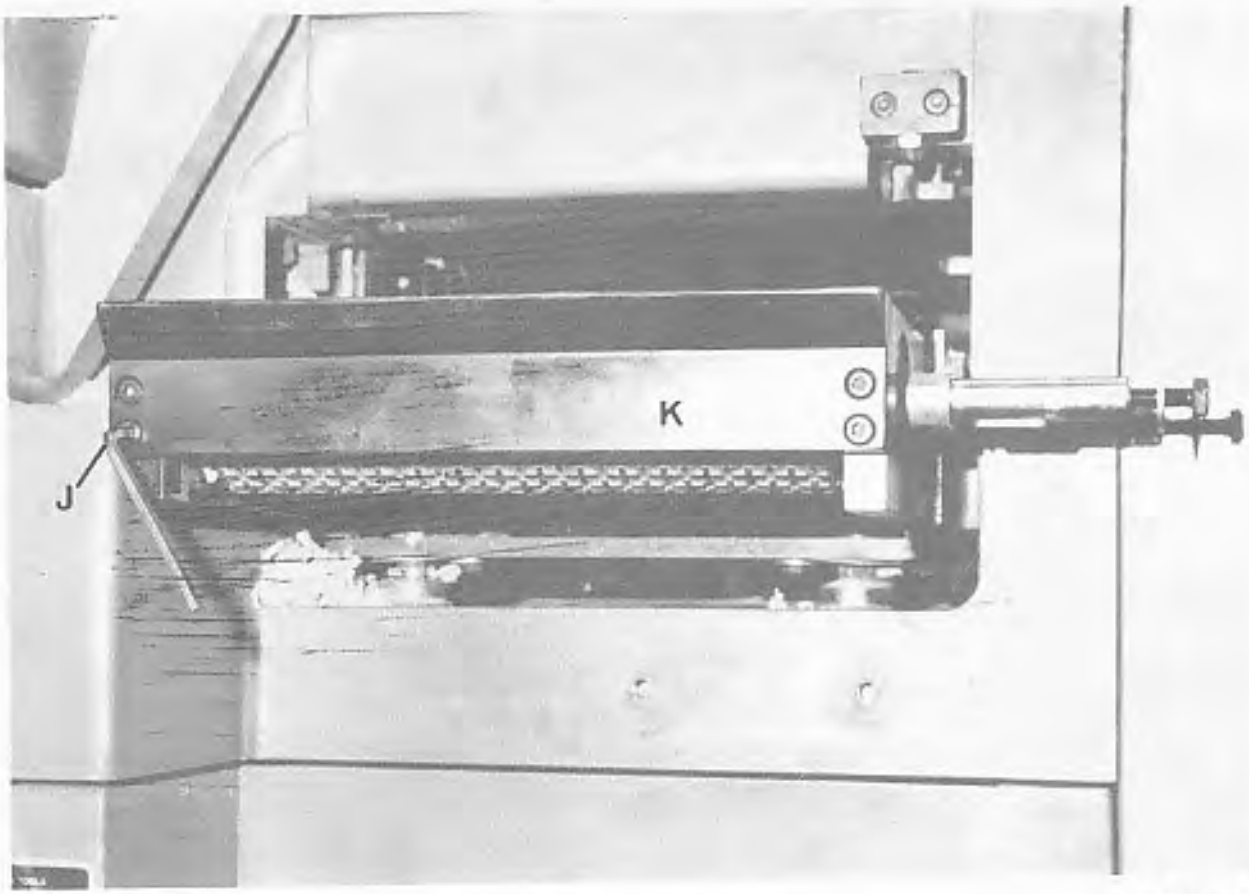


Fig 38

Fig 39

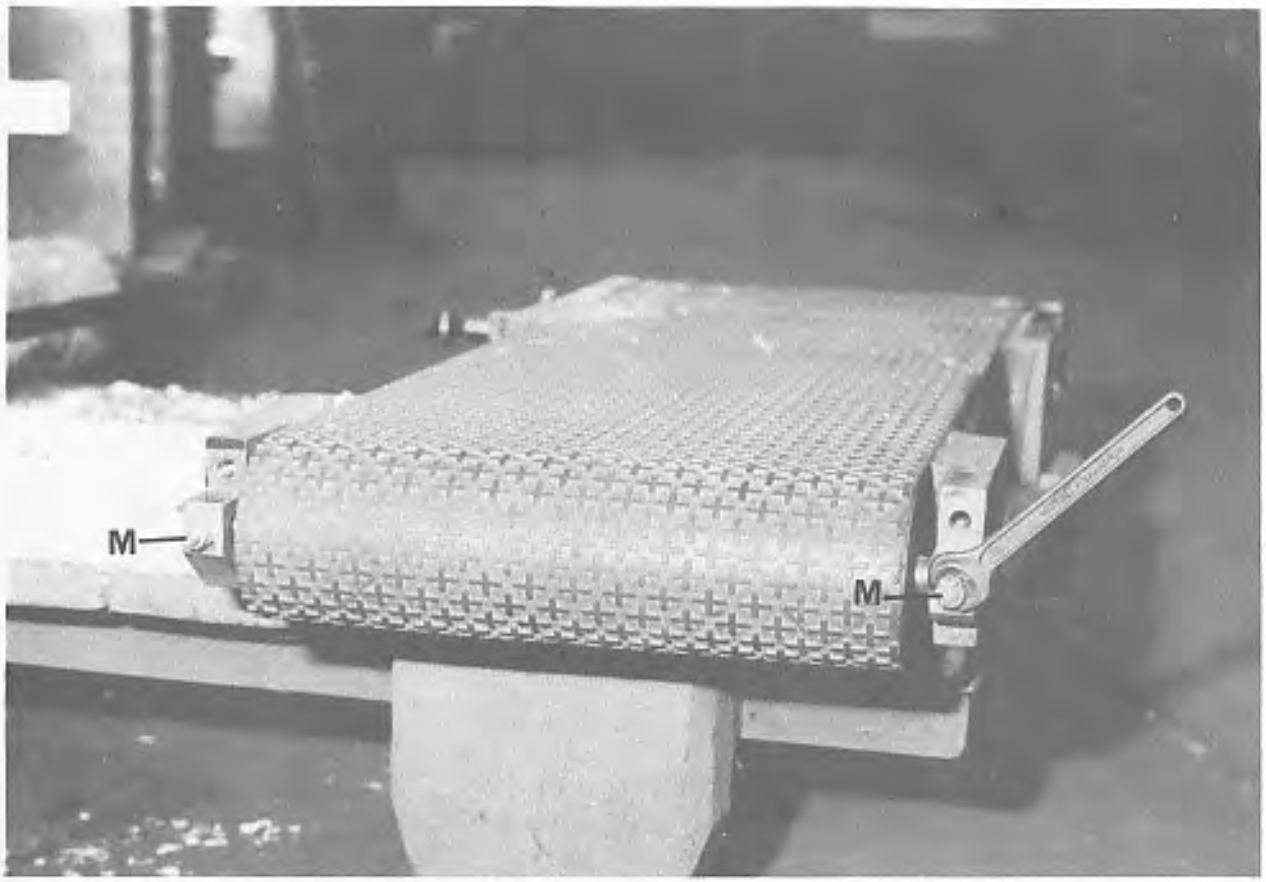


Fig 40

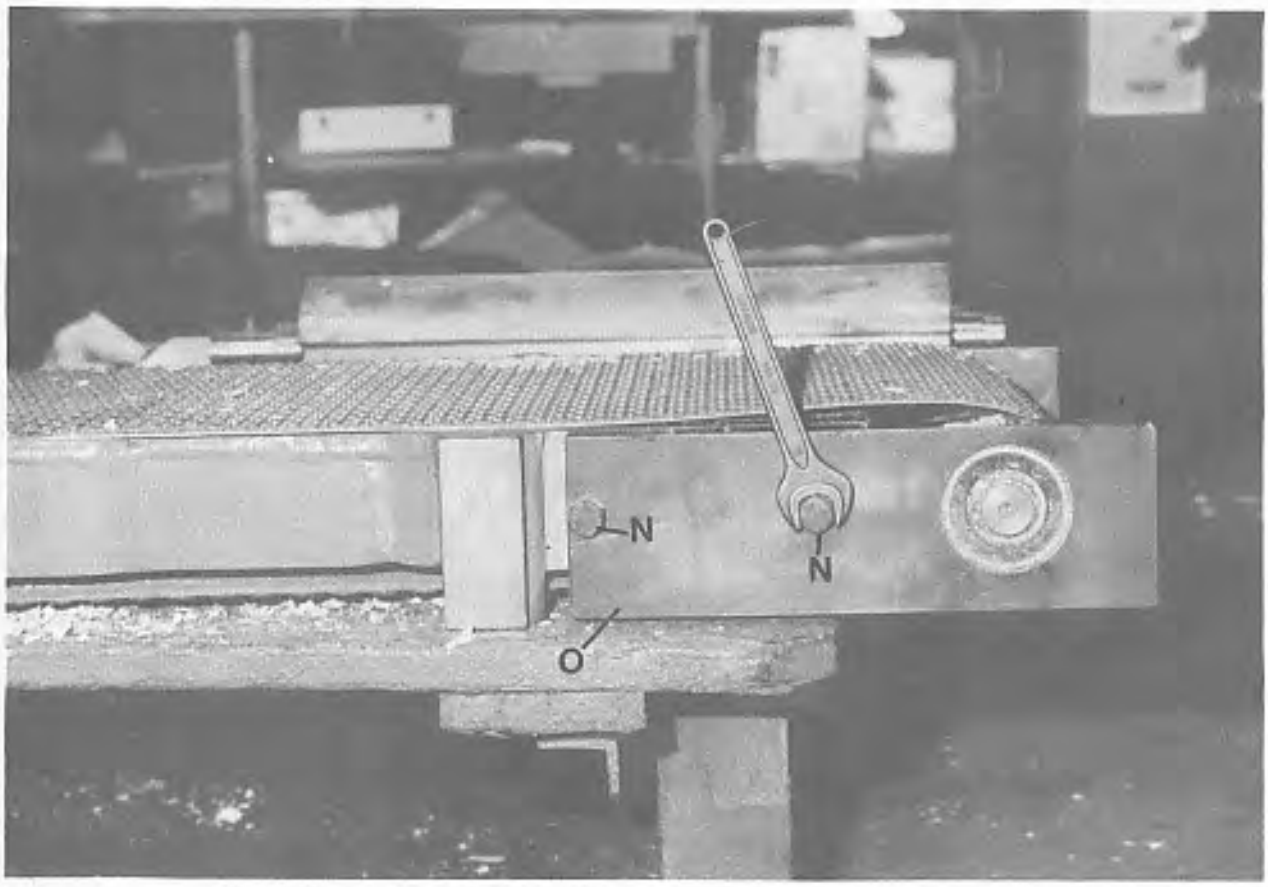


Fig 41

Application	APPROVED LUBRICANTS					
	Castrol	B.P.	Shell	Esso	Texaco/Caltex	Wadkin
Worm Boxes	ZN220	Energol CS320	Vitrea 320	Spartan EP220	Regal Oil 320	L2
General Lubrication	Magna 68	Energol HP68	Vitrea 68	Nuray	Ursa Oil P68	L4
Pneumatic Lubricators	Hyspin AWS32	Energol HL32	Tellus 37	Nuto H32	Rando Oil HD32	
Grease	Spheerol AP3	Energrease L53	Alvania R3	Beacon 3	Regal Starfak Premium 3	L6
Brake Cables	Brake Cable grease	Energrease L21M	Alvania R3	Esso Multi-purpose grease		

INDEX

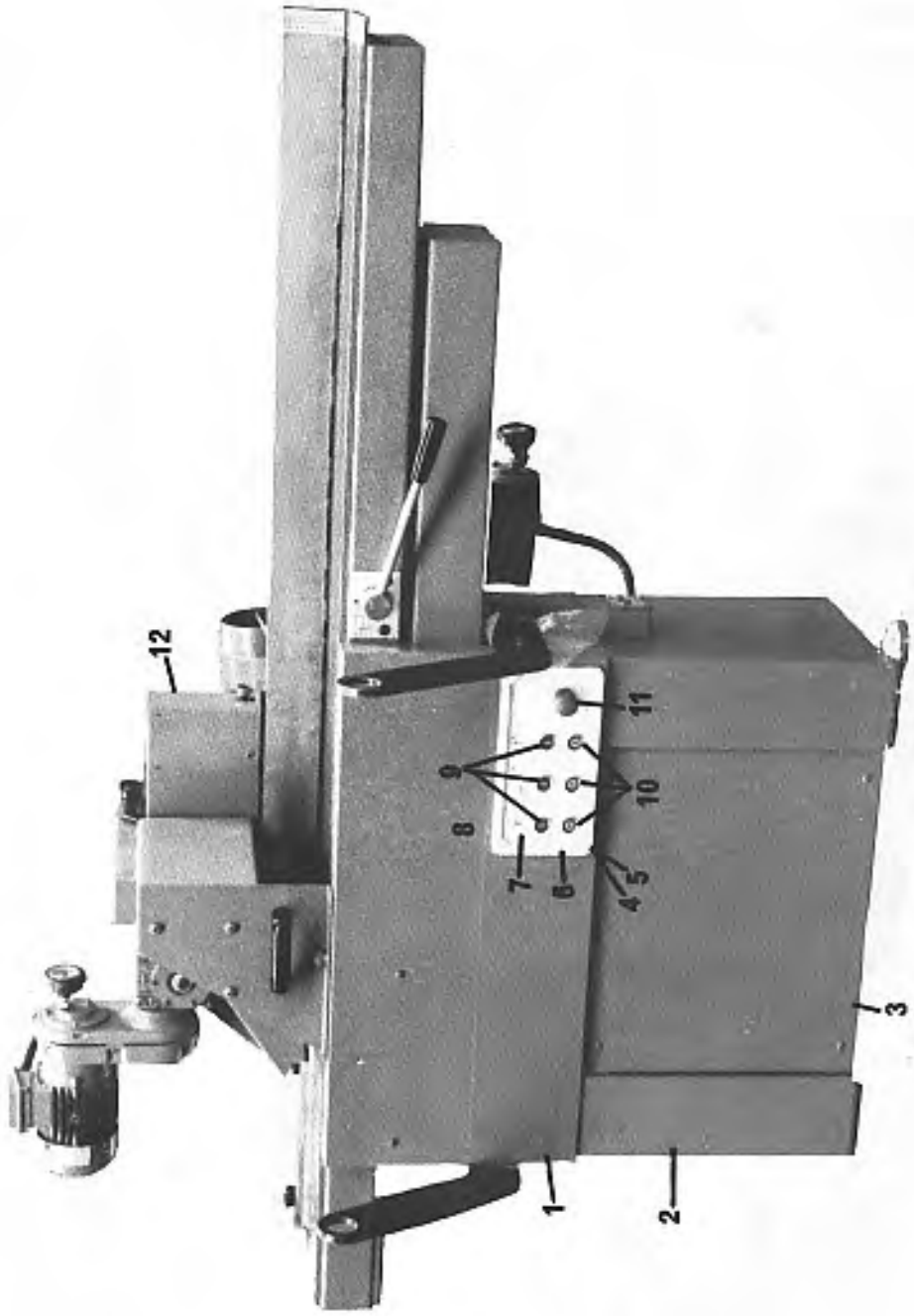
Wadkin

ILLUSTRATED PARTS LIST

ASSEMBLY:-	BASE		
FIG ITEM	PART NO *	UNITS PER ASSEMBLY	DESCRIPTION
1	PAR 1	1	Plinth
2	PAR 216	1	Base
3	PAR 215	1	Electrical Box
4	BEL 51	4	Corner Mouldings
5	BEL 52	4	Cap for Corner Moudlings
6	PAR 212	2	Horizontal Extrusions for Nameplate
7	PAR 148	1	Starter Plate
8	PAR 213	2	Vertical Extrusions for Nameplate
9	K51.17.301	3	Start Buttons
10	K51.17.307	3	Stop Buttons
11	K51.17.305	1	Master Stop Button
12	PAR 141	1	Centre Housing Cover

– ITEM NOT ILLUSTRATED

* PLEASE QUOTE PART & MACHINE NUMBER WHEN ORDERING SPARES


12
11
9
10
8
7
6
4
5
3
1
2

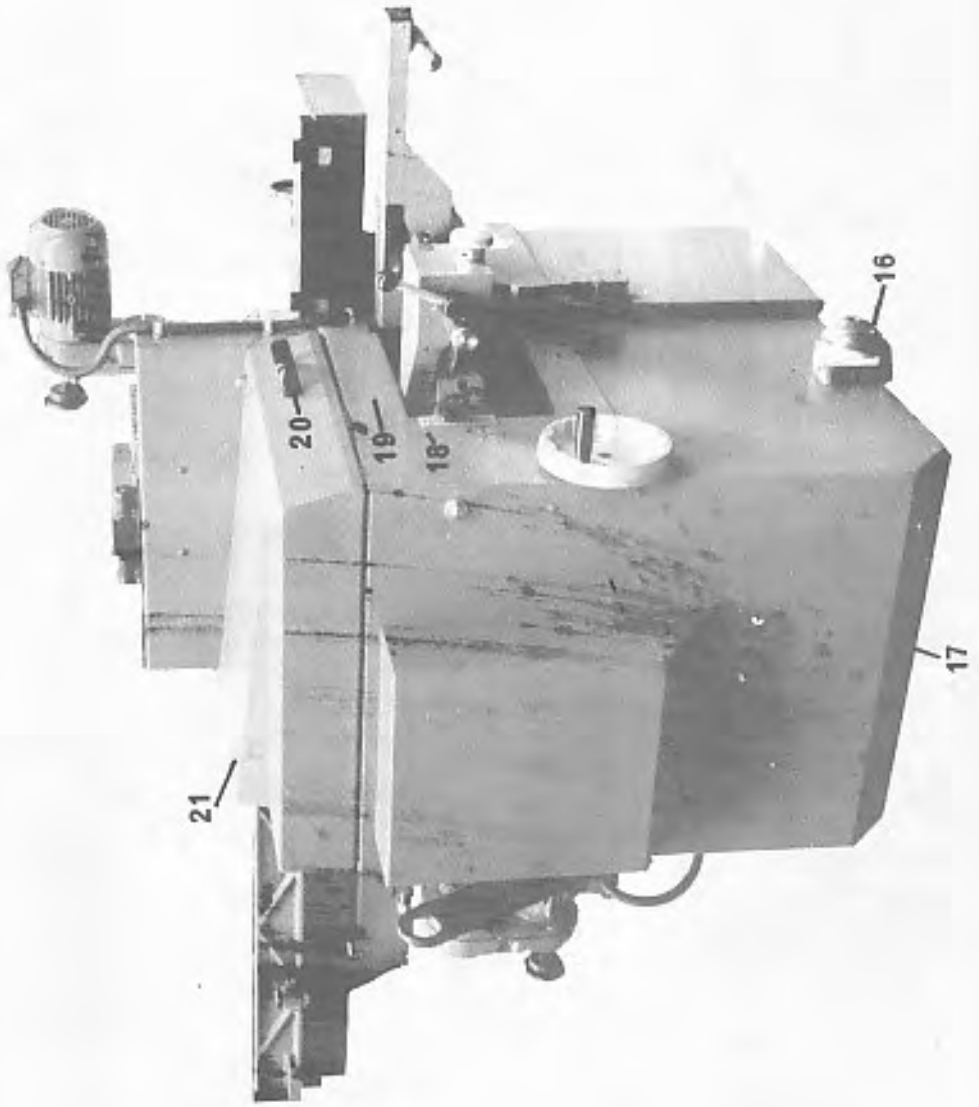
Wadkin

ILLUSTRATED PARTS LIST

ASSEMBLY:-		BASE	
FIG ITEM	PART NO. *	UNITS PER ASSEMBLY	DESCRIPTION
16	K51.17.124	1	Foot-Palm Switch
17	PAR 139	1	Side Cover
18	PAR 61	1	Pressure Bar Bracket
19	PAR 62	1	Infeed Tie Plate
20	K51.27.210	1	M243/143 Handle
21	PAR 140	1	Top Hood

– ITEM NOT ILLUSTRATED

* PLEASE QUOTE PART & MACHINE NUMBER WHEN ORDERING SPARES


16
20
19
18
17
21

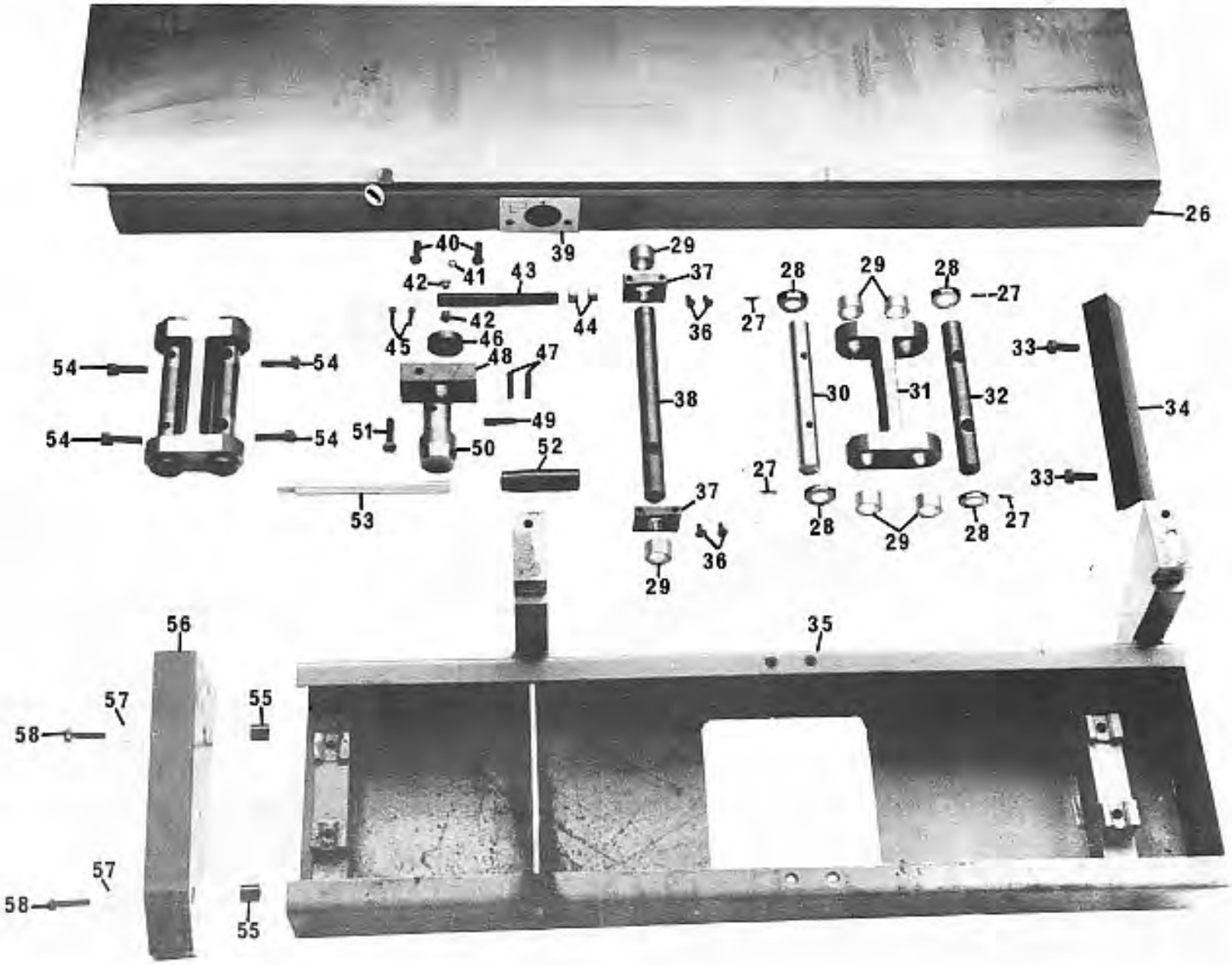
Wadkin

ILLUSTRATED PARTS LIST

ASSEMBLY:-			INFEED PLANING TABLE
FIG ITEM	PART NO. *	UNITS PER ASSEMBLY	DESCRIPTION
26	PAR 3	1	Infeed Planer Table
27		8	6 Dia x 40 Long Groverlok Dowels
28	PAR 18	8	Pivot Bar Collar
29	K51.05.130	16	30 x 35 x 25 Oilite Bushes
30	PAR 17	2	Bottom Link Pivot Bar
31	PAR 9	2	Rise and Fall Link
32	PAR 16	2	Top Link Pivot Bar
33		2	M10 x 25 Long Hexagon Set Screws
34	PAR 71	1	Rule Support
35	PAR 4	1	Beam
36		4	M8 x 16 Long Countersunk Socket Head Screws
37	PAR 14	2	Pivot Block
38	PAR 13	1	Rise and Fall Pivot Bar
39	PAR 39	1	Rise and Fall Pointer Plate
40		2	M10 x 30 Long Socket Button Head Screw
41	K51.10.401	1	7100-008 Internal Circlip
42	K51.05.102	2	8 x 12 x 10 Flanged Oilite Bushes
43	PAR 31	1	Rise and Fall Stud
44		2	M16 Nuts
45		2	M6 x 20 Long Socket Capscrews
46	PAR 22	1	Rise and Fall Eccentric
47		2	8 Dia x 30 Long Groverlok Dowel
48	PAR 15	1	Rise and Fall Shaft Housing
49		1	10 Dia x 30 Long Spiral Pin
50	PAR 12	1	Rise and Fall Shaft
51		1	M10 x 25 Long Hexagon Set Screw
52	K51.27.211	1	M12 Handle
53	PAR 21	1	Stud for Rise and Fall Handle
54		8	M10 x 40 Long Socket Capscrews
55	SP12-55	2	Spacers
56	PAR 149	1	Rear Chip Deflector
57		2	10mm Washers
58		2	M10 x 50 Long Studs
—	PAR 72	1	Rule for Infeed Table (PAR 71)
—	PAR 35	1	Rise and Fall Scale (PAR 12)

– ITEM NOT ILLUSTRATED

* PLEASE QUOTE PART & MACHINE NUMBER WHEN ORDERING SPARES


26
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
54
54
54
29
37
36
38
37
36
29
27
28
29
28
27
30
31
32
33
34
33
27
28
29
28
27
56
57
58
55
57
58
55
35

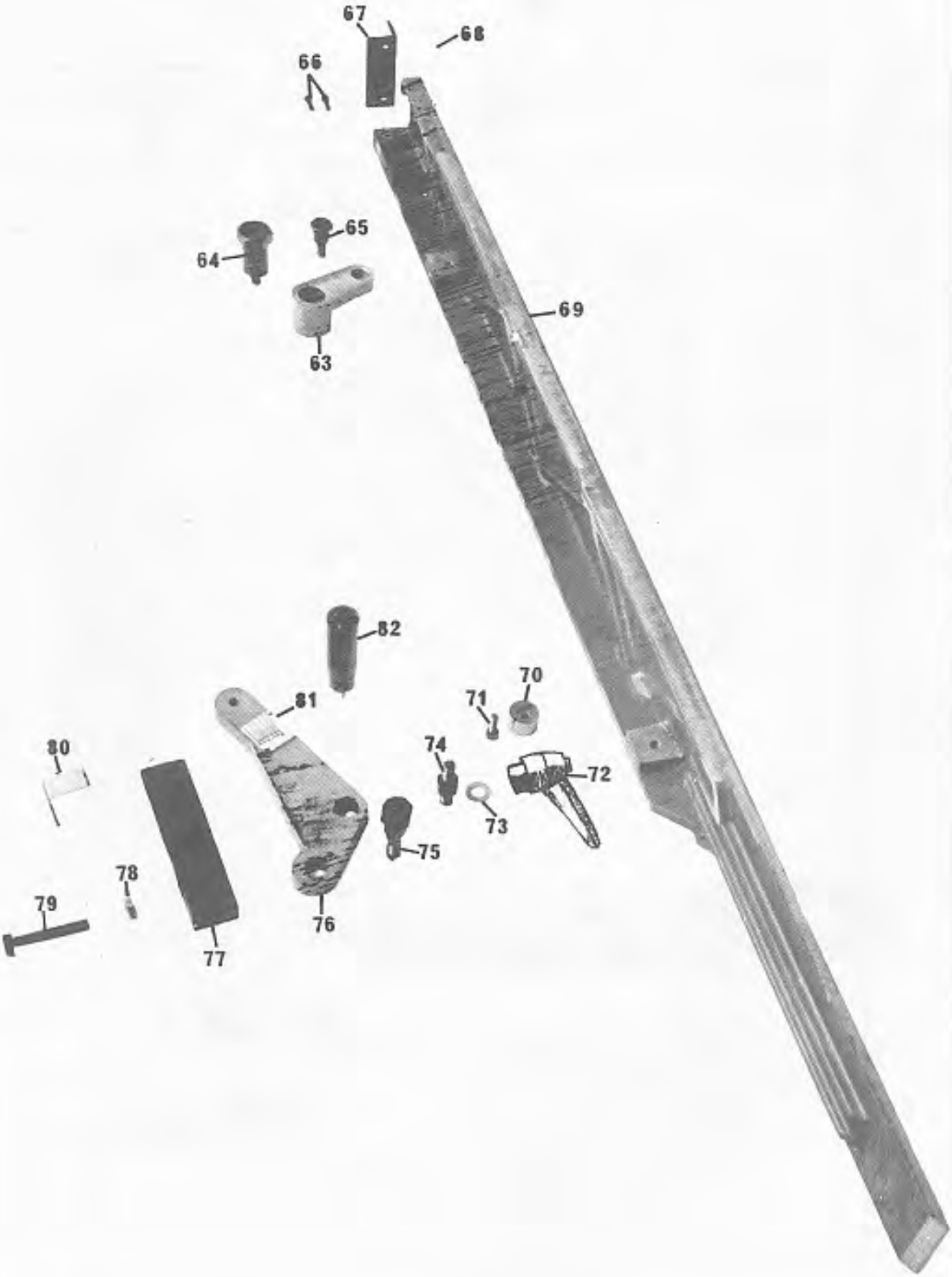
Wadkin

ILLUSTRATED PARTS LIST

ASSEMBLY:-			INFEED PLANER FENCE
FIG ITEM	PART NO. *	UNITS PER ASSEMBLY	DESCRIPTION
63	PAR 64	1	Infeed Fence Pivot Link
64	PAR 66	1	Infeed Fence Pivot Link Pin
65	PAR 23	1	Infeed Fence Pivot Pin
66		2	M6 x 16 Long Socket Capscrews
67	PAR 56	1	Vertical Rule Support
68	PAR 118	1	Rule for Infeed Fence
69	PAR 73	1	Infeed Planer Fence
70	PAR 167	1	Stop for Infeed Fence
71		1	M8 x 30 Long Socket Capscrew
72	K51.27.190	1	M12 Locking Handle
73		1	12mm Washer
74	PAR 24	1	Infeed Fence Locking Pin
75	PAR 65	1	Hand Lever Pivot Pin
76	PAR 62	1	Hand Lever for Infeed Fence
77	PAR 67	1	Pointer Mounting Block
78		1	M10 Nut
79		1	M10 x 50 Long Socket Grubscrew
80	PAR 159	1	Pointer for Infeed Fence
81	PAR 157	1	Scale for Infeed Fence
82	K51.27.212	1	M10 Handle

– ITEM NOT ILLUSTRATED

* PLEASE QUOTE PART & MACHINE NUMBER WHEN ORDERING SPARES


67
68
66
65
64
69
63
82
70
81
71
74
72
80
73
75
78
79
76
77

Wadkin

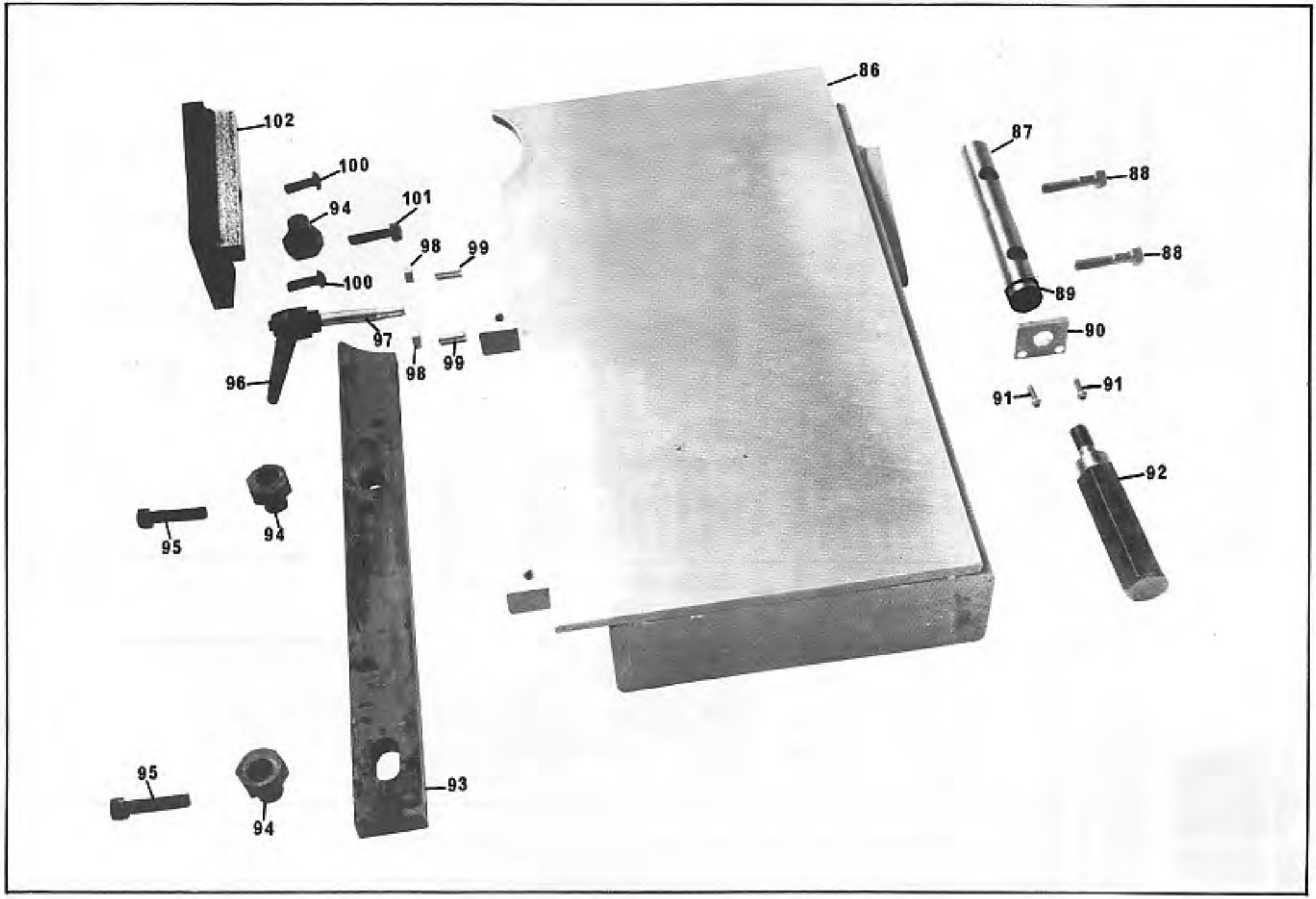
ILLUSTRATED PARTS LIST

ASSEMBLY:- OUTFEED PLANING TABLE AND FENCE

FIG ITEM	PART NO. *	UNITS PER ASSEMBLY	DESCRIPTION
86	PAR 7	1	Outfeed Planing Table
87	PAR 20	1	Outfeed Table Slide Bar
88		2	M10 x 30 Long Socket Capscrews
89	PAR 42	1	Slide Bar Collar
90	PAR 44	1	Keep Plate
91		2	M8 x 20 Long Socket Capscrews
92	PAR 43	1	Outfeed Adjusting Handle
93	PAR 59	1	Outfeed Fence
94	PAR 45	3	Outfeed Fence Adjuster
95		2	M10 x 40 Long Socket Capscrews
96	K51.27.191	1	M10 Locking Handle
97	PAR 181	1	Locking Stud
98		2	M10 Locknuts
99		2	M10 x 16 Long Brass Studs
100		2	M10 x 30 Long Socket Button Head Screws
101		1	M10 x 45 Long Socket Capscrews
102	PAR 50	1	Outfeed Table Guide

– ITEM NOT ILLUSTRATED

* PLEASE QUOTE PART & MACHINE NUMBER WHEN ORDERING SPARES


86
87
88
88
89
90
91
91
92
102
100
94
101
98
99
100
97
96
98
99
95
94
95
94
93

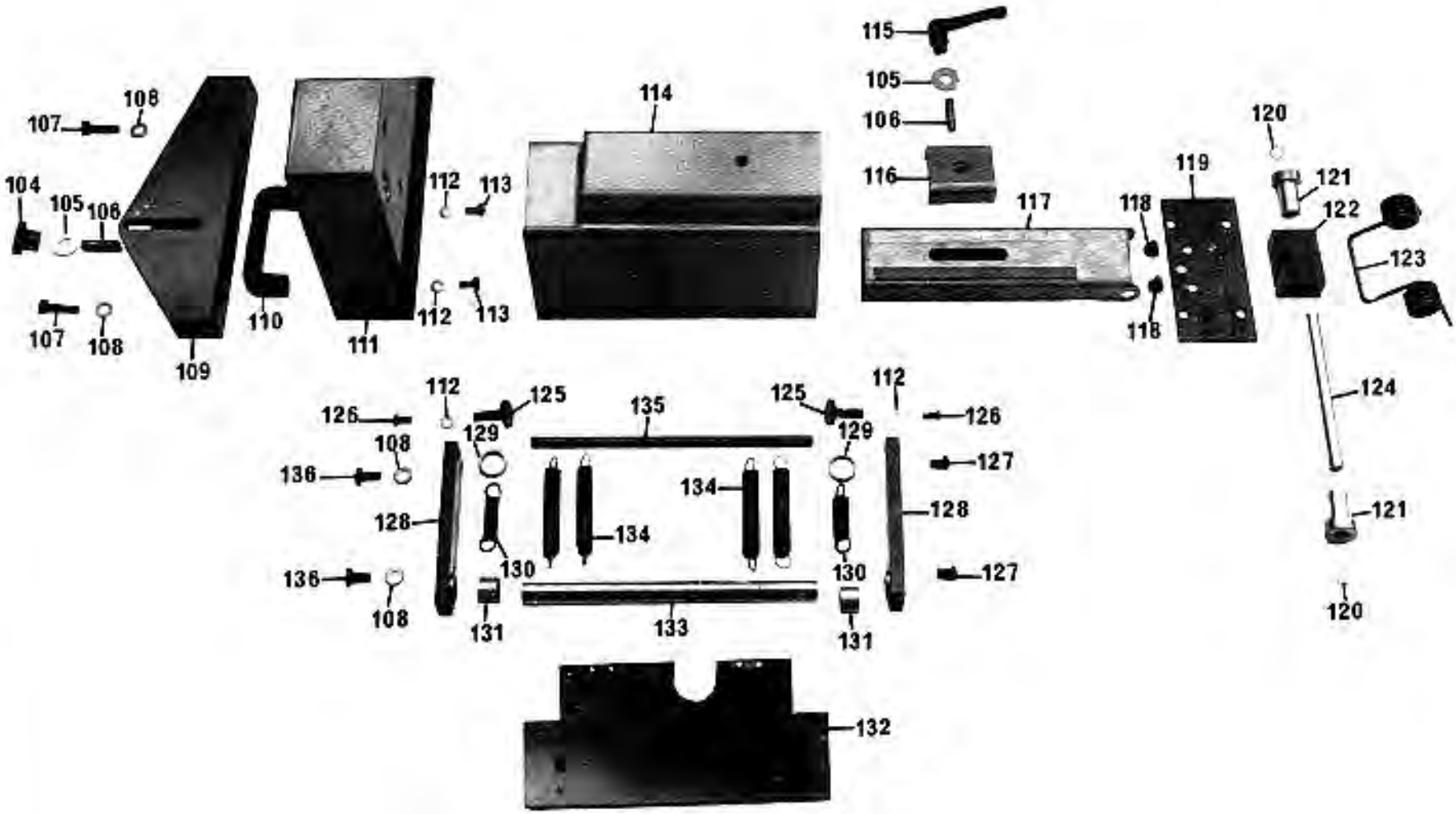
Wadkin

ILLUSTRATED PARTS LIST

ASSEMBLY:-	PLANER FEED		
FIG ITEM	PART NO. *	UNITS PER ASSEMBLY	DESCRIPTION
104	K51.27.141	1	M12 Handwheel
105	1026-22	2	Washers
106		2	12 x 50 Studs
107		2	M10 x 25 Long Hexagon Set Screws
108		4	10mm Washers
109	PAR 225	1	Slide Bracket
110	K51.27.210	1	M243/143 Handle
111	PAR 220	1	Feed Unit Support Bracket
112		4	8mm Washers
113		2	M8 x 16 Long Hexagon Set Screws
114	PAR 217	1	Feed Unit Mount Bracket
115	K51.27.190	1	M12 Locking Handle
116	PAR 205	1	Clamp Piece
117	PAR 218	1	Slide Arm
118		2	M10 x 25 Long Countersunk Socket Head Screws
119	PAR 191	1	Mounting Plate
120	K51.10.405	2	7100-016 External Circlip
121	PAR 195	2	Collars for Springs
122	PAR 120	1	Hinge Block
123	PAR 192	1	Counter Balance Spring
124	PAR 121	1	Hinge Pin
125	PAR 226	2	Spring Retainers
126		2	M8 x 16 Long Socket Button Head Screws
127		2	M10 x 20 Long Socket Button Head Screws
128	PAR 131	2	Pivot Bar Blocks
129	CP32-106	2	Bushes for Springs
130	K51.73.131	2	ETS 589 Springs
131	K51.05.118	2	25 x 30 x 20 Long Oilite Bushes
132	PAR 235	1	Pressure Plate
133	PAR 117	1	Pressure Pivot Bar
134	K51.73.149	4	ETS 583 Springs
135	PAR 116	1	Spring Retaining Shaft
136		2	M10 x 20 Long Hexagon Set Screws

– ITEM NOT ILLUSTRATED

* PLEASE QUOTE PART & MACHINE NUMBER WHEN ORDERING SPARES


104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136

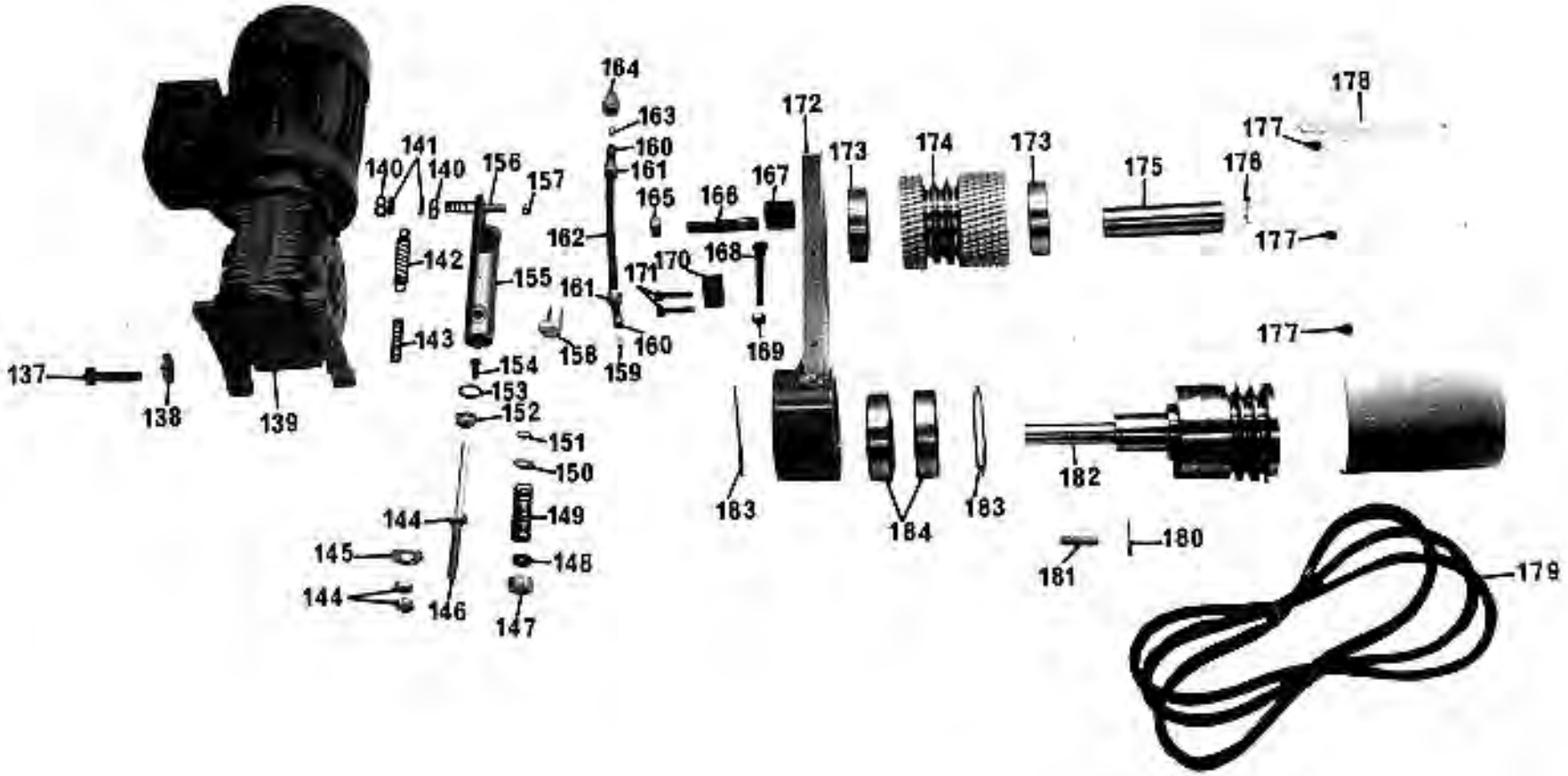
Wadkin

ILLUSTRATED PARTS LIST

ASSEMBLY:-		PLANER FEED	
FIG ITEM	PART NO. *	UNITS PER ASSEMBLY	DESCRIPTION
137		1	M10 x 35 Hexagon Head
138	EM 172	1	Washer
139	K51.15.587	1	2 Speed Planer Drive Unit 415-3-50
	K51.15.588	1	Variable Speed Planer Drive Unit 415-3-50
140		2	M10 Binks Nuts
141		2	M10 Washers
142	PAR 228	1	Spring for Feed Unit
143	PAR 229	1	Spring Adjusting Screw
144		3	M10 Locknuts
145	1032-64	1	Washer
146	PAR 36	1	Damper Rod
147	PAR 38	1	End Cap for Damper
148	K51.55.178	1	AB SMIM 10165 Oil Seal
149	K51.73.147	1	ETS 137 Spring
150		1	10mm Washer
151		1	10mm Fibre Washer
152	PAR 37	1	Piston for Damper
153	K51.55.147	1	'O' Ring
154		1	M6 x 20 Long Socket Capscrew
155	PAR 58	1	Damper Housing
156	PAR 232	1	Damper Pivot Pin
157	K51.10.402	1	7100-010 External Circlip
158	K51.60.165	1	36-0005-05 Elbow Adaptor
159	PAR 194	1	Pipe Retainer
160	K51.60.149	2	36-0501-05 Tubing Sleeves
161	K51.60.142	2	36-0500-05 Tubing Nuts
162	K51.18.355	1	¼" Duratube
163		1	6 Dia x 12 Long Ground Dowel
164	K51.60.154	1	36-0530-11 Male Adaptor
165		1	M12 Nut
166		1	M12 x 70 Stud
167	PAR 198	1	Adjuster Collar
168		1	M8 x 55 Hexagon Head
169		1	M8 Nut
170	PAR 115	1	Belt Tension Block
171		2	M6 x 30 Cap Heads
172	PAR 237	1	Arm for Feed Unit
173	K06.01.347	2	6306-2RS Bearings
174	PAR 234	1	Planer Feed Roller
175	PAR 231	1	Feed Roller Shaft
176	K51.10.408	1	7100-030 External Circlip
177		3	M8 x 12 Button Heads
178	PAR 127	1	Feed Belt Cover
179	K51.04.202	3	SPZ 710 Belts
180	K51.10.409	1	7100-035 External Circlip
181		1	6 x 7 x 35 Feather Key
182	PAR 236	1	Feed Drive Pulley
183	K51.10.209	2	7000-080 Internal Circlip
184	K06.01.354	2	6307-2RS Bearings

– ITEM NOT ILLUSTRATED

* PLEASE QUOTE PART & MACHINE NUMBER WHEN ORDERING SPARES


137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184

Wadkin

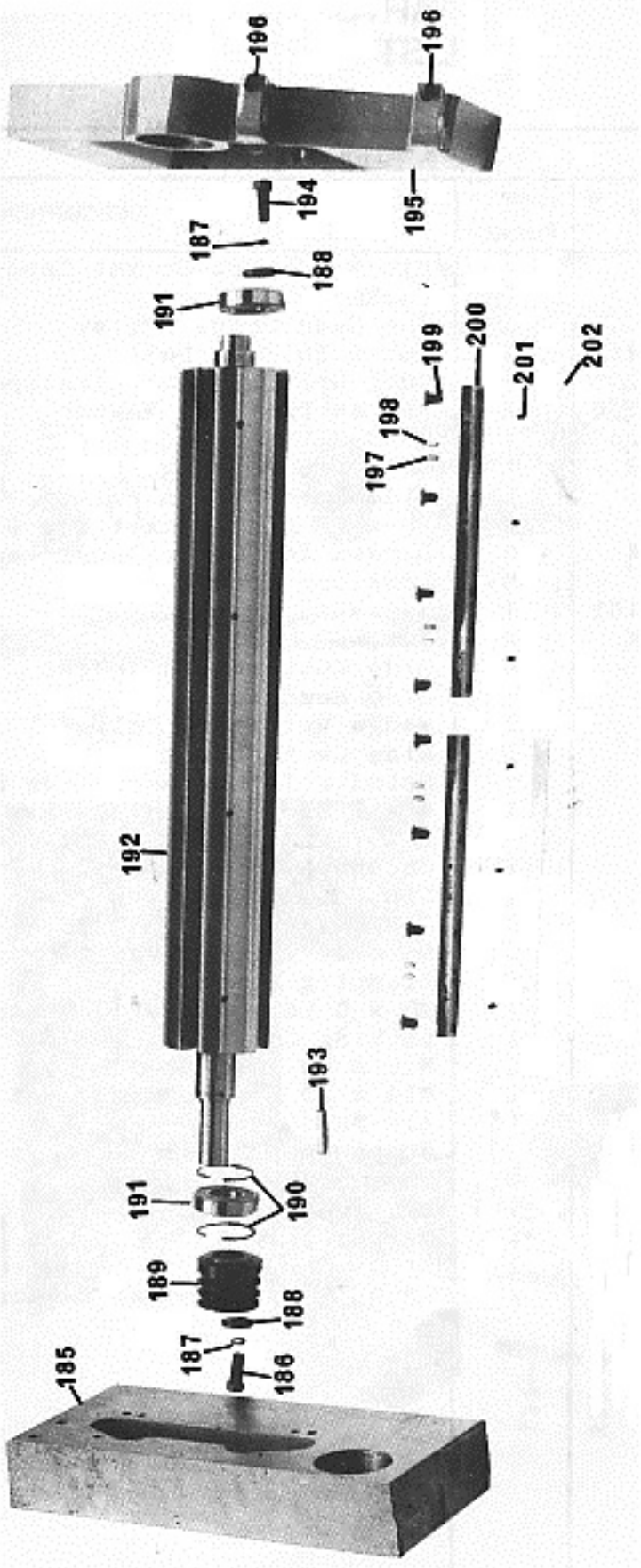
ILLUSTRATED PARTS LIST

ASSEMBLY:- MAIN CUTTERBLOCK

FIG ITEM	PART NO. *	UNITS PER ASSEMBLY	DESCRIPTION
185	PAR 29	1	Thicknesser Side Bearing Housing
186		1	M12 x 40 Long Hexagon Set Screw
187		2	12mm Dia Spring Washers
188	EM-172	2	Washers
189	PAR 10	1	Main Cutterblock Pulley
190	K51.10.209	2	7000-080 Internal Circlips
191	K06.01.354	2	6307-2RS Bearings
192	PAR 41	1	Main Cutterblock
193	K51.20.115	1	10 x 8 x 55 Long Key
194		1	M12 x 30 Long Hexagon Set Screw
195	PAR 5	1	Planer Side Bearing Housing
196		2	M8 x 35 Long Socket Capscrews
197	K51.47.101	16	Magnets
198	PAR 197	16	Location Screws
199	1069-424	40	Screws for Cutterblock Wedge
200	PAR 75	8	Main Cutterblock Wedges
201		20	M6 x 12 Long Nylok Socket Set Screws
202	BAR-320K	8	Knives

– ITEM NOT ILLUSTRATED

* PLEASE QUOTE PART & MACHINE NUMBER WHEN ORDERING SPARES


196
196
194
195
187
188
191
199
200
201
202
198
197
192
193
191
190
189
188
187
186
185

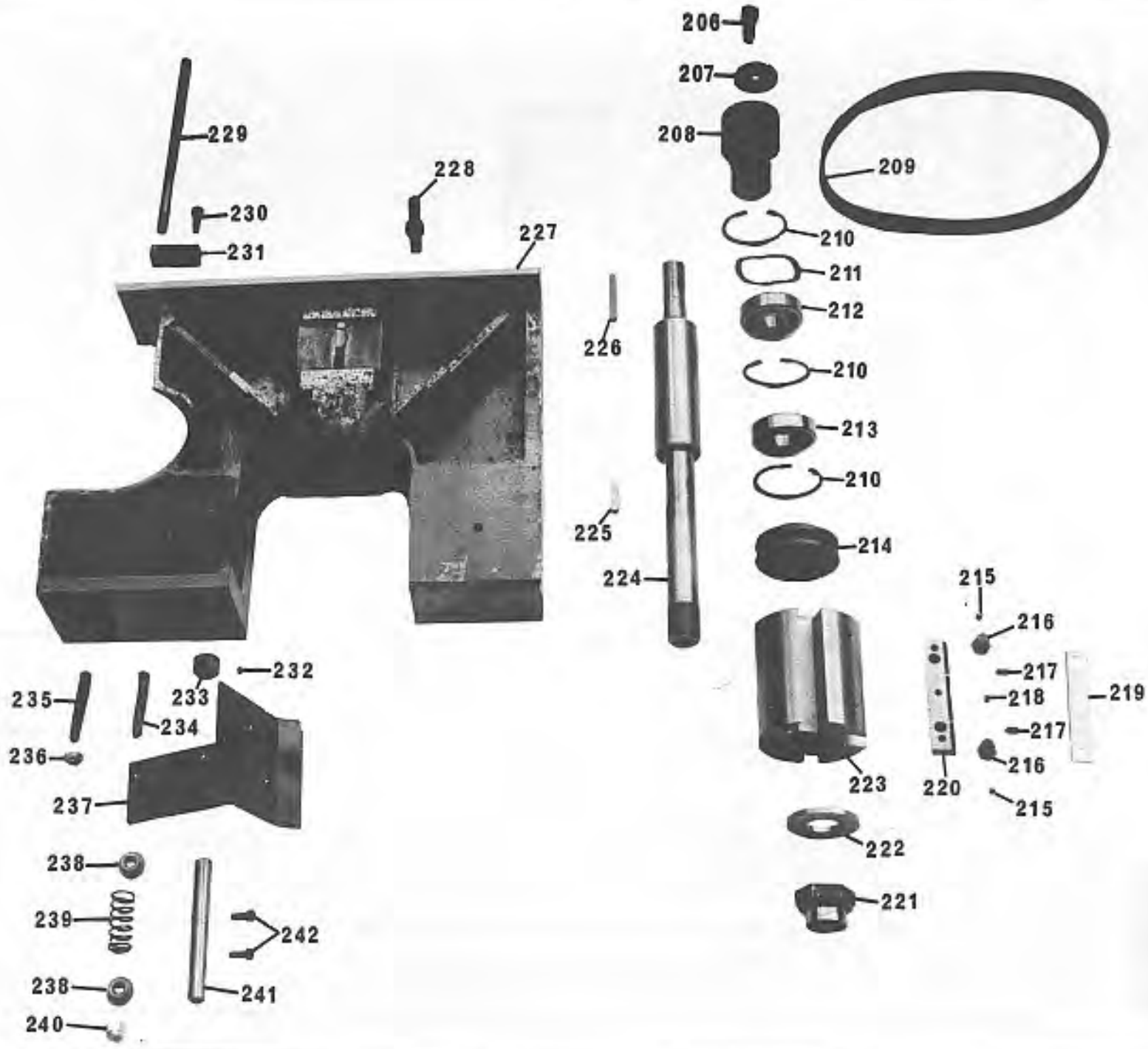
Wadkin

ILLUSTRATED PARTS LIST

ASSEMBLY:-		BOTTOM SIDE HEAD	
FIG ITEM	PART NO. *	UNITS PER ASSEMBLY	DESCRIPTION
206		1	M12 x 30 Long Socket Capscrew
207	BM-172	1	Washer
208	PAR 28	1	Top Head Drive Pulley
209	K51.04.404	1	765 x 30 Flat Belt
210	K51.10.207	3	7000-062 Internal Circlips
211	K51.88.806	1	EPL 48 Pre-Load Washer
212	K06.01.340	1	6305-2RS Bearing
213	K06.01.214	1	6206-2RS Bearing
214	PAR 26	1	Side Head Driven Pulley
215		8	M6 x 12 Long Socket Set Screws
216	1069-424	8	Screws for Cutterblock Wedges
217	PAR 197	8	Location Screws
218	K51.47.101	4	Magnets
219	BAR-110K	4	Knives
220	PAR 74	4	Side Cutterblock Wedges
221	PAR 25	1	Side Head Nut
222	PAR 83	1	Wedge Retaining Collar
223	PAR 96	1	Side Cutterblock
224	PAR 63	1	Spindle Thicknesser Side Head
225		1	8 x 7 25 Long Feather Key
226		1	8 x 7 x 50 Long Feather Key
227	PAR 30	1	Centre Bearing Housing
228	PAR 80	1	Top Housing Locking Pin
229	PAR 187	1	Top Head Locking Stud
230		1	M8 x 20 Long Socket Capscrew
231	PAR 46	1	Clamping Block
232		1	M5 x 5 Long Socket Grubscrew
233	PAR 84	1	Locking Collar
234		1	M10 x 90 Long Stud
235		1	M10 x 70 Long Hexagon Set Screw
236		1	M10 Nut
237	PAR 98	1	Front Chipbreaker
238	1069-106	2	Pressure Retainers
239	K51.73.118	1	ETS 156 Spring
240		1	M10 Aerotight
241	PAR 82	1	Pivot Bar
242		2	M6 x 16 Long Socket Capscrew

– ITEM NOT ILLUSTRATED

* PLEASE QUOTE PART & MACHINE NUMBER WHEN ORDERING SPARES


206
207
208
209
210
211
212
210
213
210
214
215
216
217
218
219
217
216
215
220
223
222
221
226
225
224
227
228
229
230
231
232
233
234
235
236
237
238
239
238
240
241
242

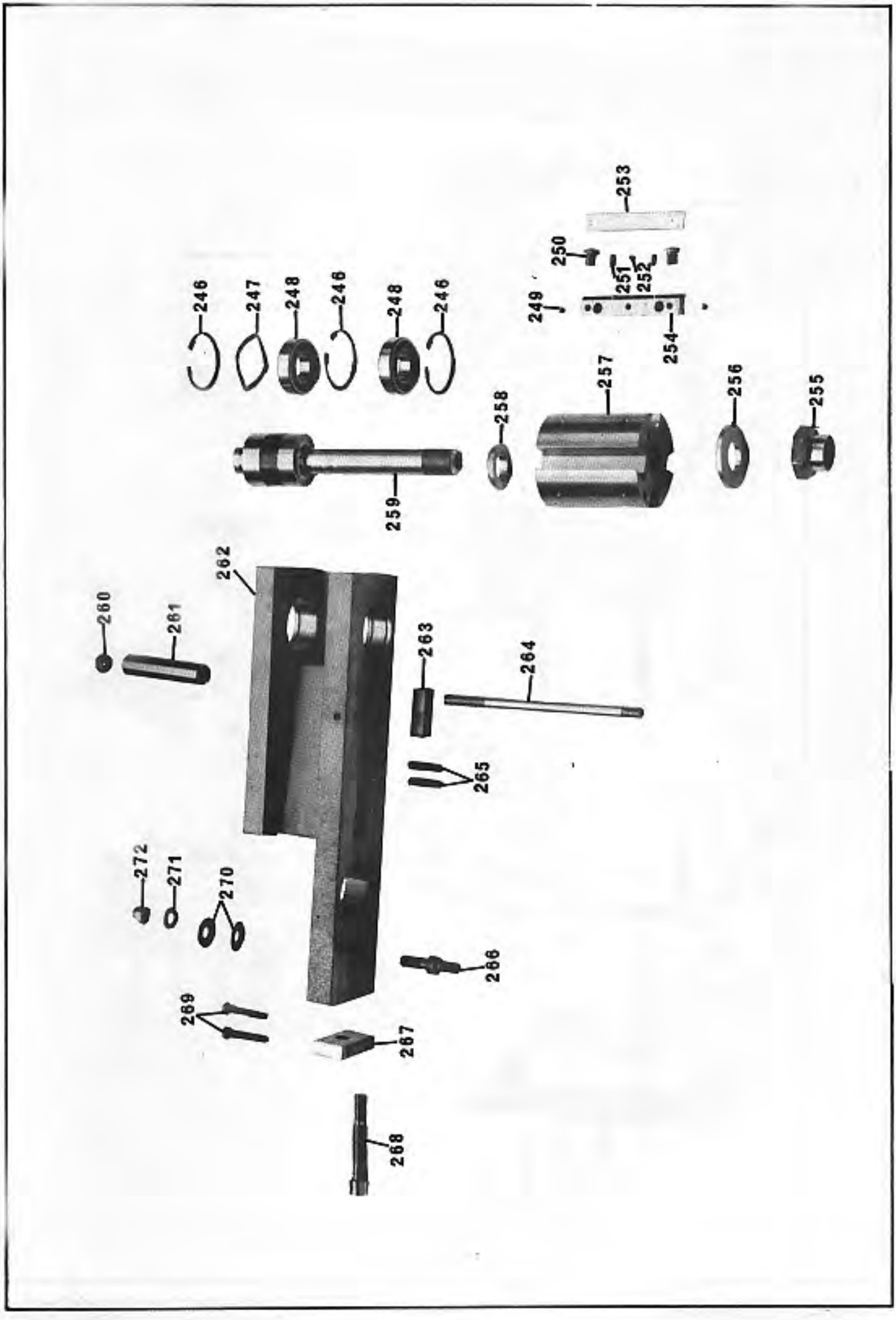
Wadkin

ILLUSTRATED PARTS LIST

ASSEMBLY:-		TOP SIDE HEAD	
FIG ITEM	PART NO.*	UNITS PER ASSEMBLY	DESCRIPTION
246	K51.10.207	3	7000-062 Internal Circlips
247	K51.88.806	1	EPL 48 Pre-load Washer
248	K06.01.214	2	6206-2RS Bearings
249		8	M6 x 12 Long Nylok Socket Set Screws
250	1069-424	8	Screws for Cutterblock Wedges
251	PAR 197	8	Jacking Screws
252	K51.47.101	4	Magnets
253	BAR-110K	4	Knives
254	PAR 74	4	Side Cutterblock Wedges
255	PAR 25	1	Side Head Nut
256	PAR 83	1	Wedge Retaining Collar
257	PAR 96	1	Side Cutterblock
258	PAR 81	1	Top Cutterblock Spacer
259	PAR 70	1	Spindle Planer Side Head
260		1	M12 Nut
261	PAR 188	1	Spacer for Top Head
262	PAR 54	1	Top Head Bearing Housing
263	PAR 46	1	Clamping Block
264	PAR 187	1	Top Head Locking Stud
265		2	M8 x 50 Long Hexagon Set Screws
266	PAR 80	1	Top Housing Locking Pin
267	PAR 184	1	Top Belt Tension Block
268	PAR 185	1	Belt Adjuster
269		2	M12 x 30 Long Socket Set Screws
270	K51.73.255	2	No. 10 Belleville Washers
271		1	12mm Washer
272		1	M12 Aerotight Nut

– ITEM NOT ILLUSTRATED

* PLEASE QUOTE PART & MACHINE NUMBER WHEN ORDERING SPARES


246
247
248
246
248
246
259
258
257
256
255
253
250
251
252
254
249
262
260
261
263
264
265
272
271
270
269
267
266
268

Wadkin

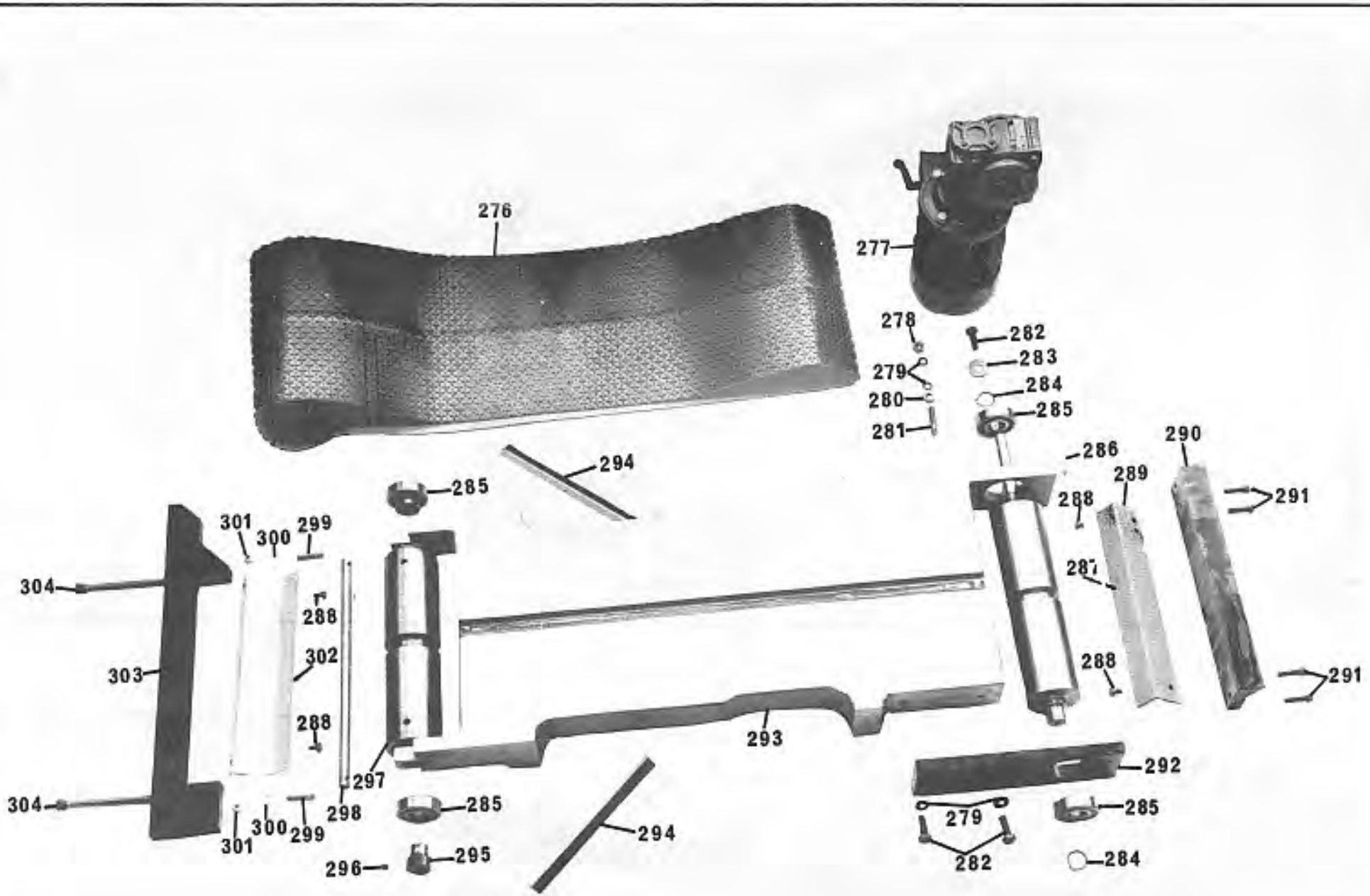
ILLUSTRATED PARTS LIST

ASSEMBLY:- THICKNESSER TABLE

FIG ITEM	PART NO. *	UNITS PER ASSEMBLY	DESCRIPTION
276	K51.04.658	1	Thicknesser Belt
277	K51.15.590	1	2 Speed Thicknesser Drive Unit 415-3-50
	K51.15.589	1	Variable Speed Thicknesser Drive Unit 415-3-50
278		1	M10 Nut
279		4	10mm Washers
280		2	M10 Locknuts
281		1	M10 x 65 Long Stud
282		3	M10 x 30 Long Hexagon Set Screws
283	1026-22	1	Washer
284	K51.10.407	2	7100-025 External Circlips
285	K06.01.340	4	6305-2RS Bearings
286	K51.20.106	1	6 x 6 x 35 Long Key
287	PAR 242	1	Drive Roller
288		4	M8 x 16 Long Socket Button Head Screws
289	PAR 154	1	Rear Belt Guard
290	PAR 129	1	Rear Guide Strip
291		4	M8 x 25 Long Socket Capscrews
292	PAR 79	1	Side Plate
293	PAR 68	1	Thicknesser Table
294	PAR 93	2	Under Table Brushes
295	PAR 86	2	Bearing Collars
296		3	M6 x 10 Long Socket Set Screws
297	PAR 100	1	Driven Roller
298	PAR 85	1	Tension Bar
299		2	M8 x 40 Long Studs
300		2	8mm Washers
301		2	M8 Aerotight Nuts
302	PAR 153	1	Front Belt Guard
303	PAR 126	1	Fence Bar Bracket
304		2	M10 x 75 Long Socket Capscrews

– ITEM NOT ILLUSTRATED

* PLEASE QUOTE PART & MACHINE NUMBER WHEN ORDERING SPARES


276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302
303
304

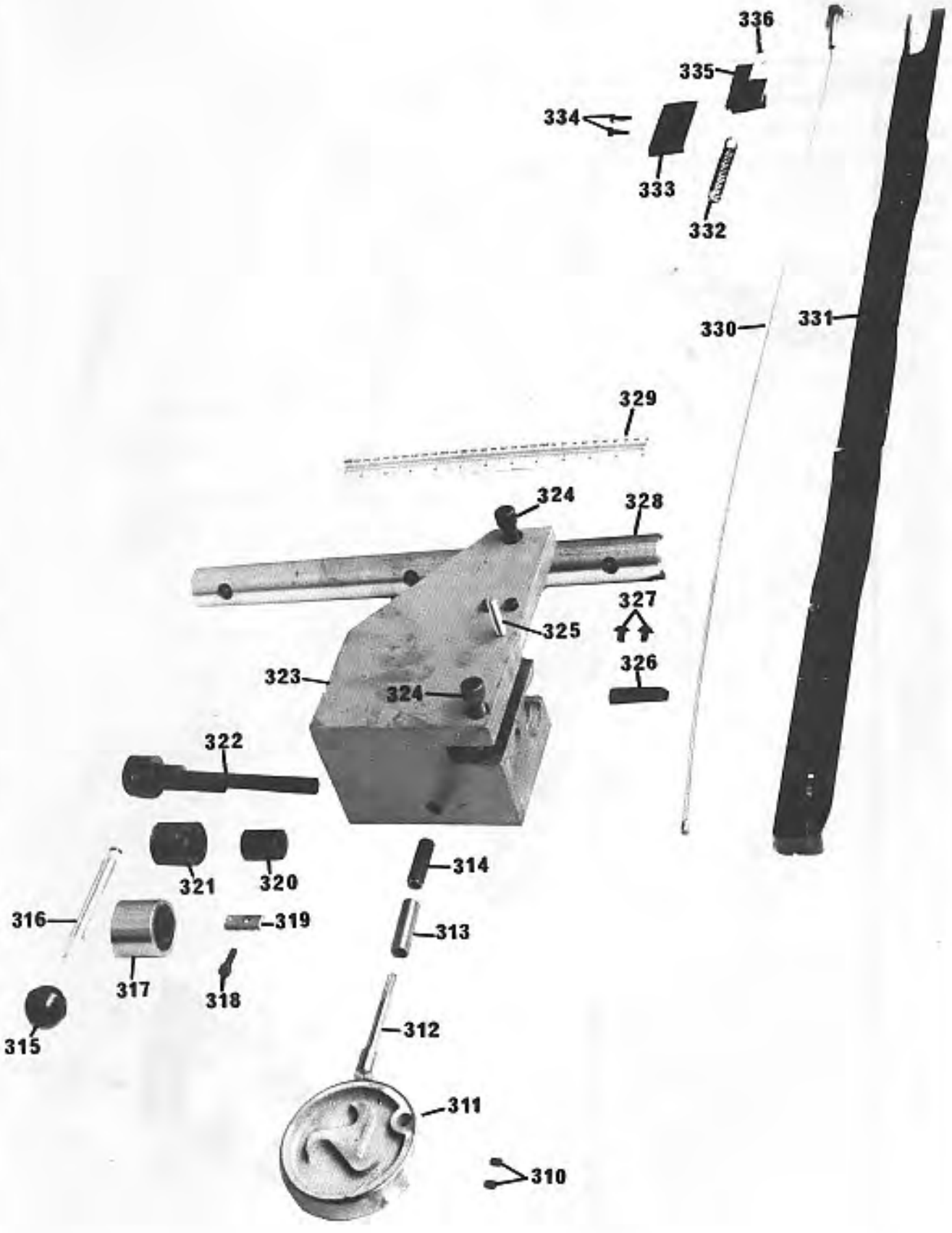
Wadkin

ILLUSTRATED PARTS LIST

ASSEMBLY:-			THICKNESSER FENCE
FIG ITEM	PART NO. *	UNITS PER ASSEMBLY	DESCRIPTION
310		2	M10 x 10 Long Socket Set Screws
311	T5-135	1	Rise and Fall Handwheel
312	PAR 113	1	Pinion Shaft
313	CP32-170	1	Pinion Bush
314	PAR 114	1	Pinion for Fence
315	K51.27.152	1	1¼" Dia x M10 Ball Knob
316	CP32-160	1	Locking Handle
317	PAR 107	1	Sleeve for Bush
318		1	M6 x 20 Long Socket Capscrew
319	PAR 109	1	Cable Clamp
320	PAR 108	1	Sleeve for Shaft
321	K51.05.253	1	13/754 Metalastic Bush
322	PAR 105	1	Fence Locking Shaft
323	PAR 55	1	Thicknesser Fence Bracket
324		2	M10 x 30 Long Socket Capscrews
325		1	M8 x 35 Long Brass Screw
326	PAR 174	1	Thicknesser Fence Pointer
327		2	M5 x 16 Long Socket Button Head Screws
328	PAR 130	1	Fence Bar
329	PAR 143	1	Rule for Thicknesser Table
330	PAR 110	1	Locking Cable
331	PAR 180	1	Thicknesser Fence
332	K51.73.115	1	ETS 127 Spring
333	PAR 111	1	Rear Cover Plate
334		2	M6 x 16 Long Socket Button Head Screws
335	PAR 128	1	Rear Locking Piece
336		1	M10 Nut

– ITEM NOT ILLUSTRATED

* PLEASE QUOTE PART & MACHINE NUMBER WHEN ORDERING SPARES


336
335
334
333
332
330
331
329
324
328
327
325
326
323
324
322
321
320
314
316
319
313
317
318
315
312
311
310

Wadkin

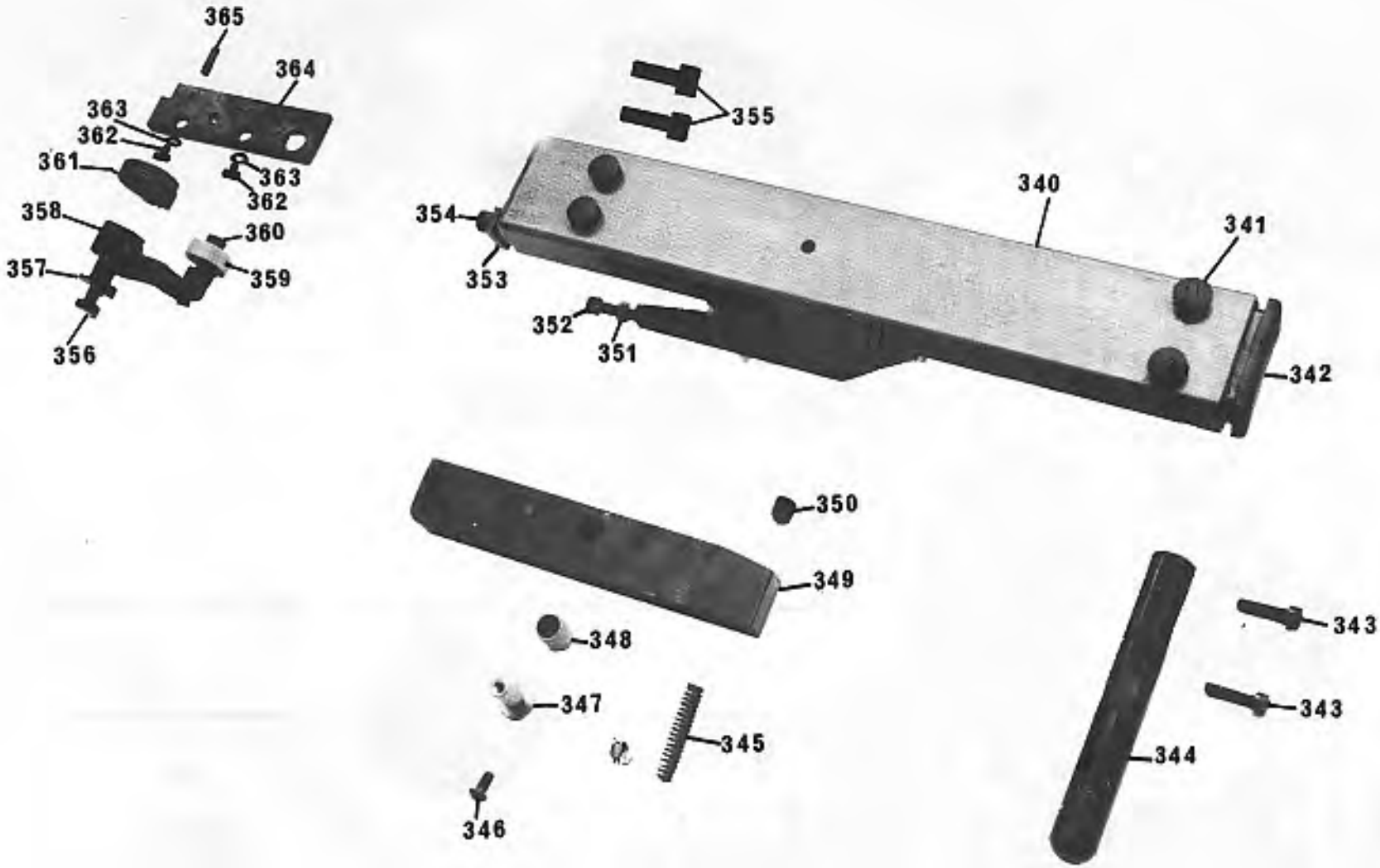
ILLUSTRATED PARTS LIST

ASSEMBLY:- TIMBER SUPPORT AND SIDE PRESSURE

FIG ITEM	PART NO. *	UNITS PER ASSEMBLY	DESCRIPTION
340	PAR 179	1	Timber Support Arm
341	K51.61.104	4	DP812 Plugs
342	K51.61.181	1	Ribbed Insert
343		2	M12 x 25 Long Socket Capscrews
344	PAR 11	1	Support Bar
345	K51.73.113	1	ETS 101 Spring
346		1	M8 x 16 Long Socket Button Head Screw
347	PAR 173	1	Pressure Pivot Bush
348	K51.05.110	1	16 x 20 x 16 Oilite Bush
349	PAR 176	1	Front Side Pressure Bar
350		1	M16 x 16 Long Socket Grubscrew
351		1	M8 Locknut
352		1	M8 x 35 Long Hexagon Set Screw
353	PAR 170	1	Front Table Guide
354		1	M10 x 20 Long Socket Capscrew
355		2	M10 x 35 Long Socket Capscrews
356		1	M10 x 35 Hexagon Head Bolt
357	DA-43	1	Pressure Arm Support
358	DA-106	1	Top Pressure Arm
359	K06.30.402	1	CGR 0470500 Bearing
360		1	M10 x 20 Long Socket Capscrew
361	K51.13.135	1	ETS 1/4637 LH Spring
362		2	M10 x 20 Long Hexagon Set Screws
363		2	10mm Washers
364	PAR 190	1	Side Roller Bracket
365		1	6 Dia x 16 Long Groverlok Dowel

– ITEM NOT ILLUSTRATED

* PLEASE QUOTE PART & MACHINE NUMBER WHEN ORDERING SPARES


365
364
363
362
361
363
362
358
360
357
359
356
355
354
340
341
353
352
351
342
350
349
348
347
345
346
343
343
344

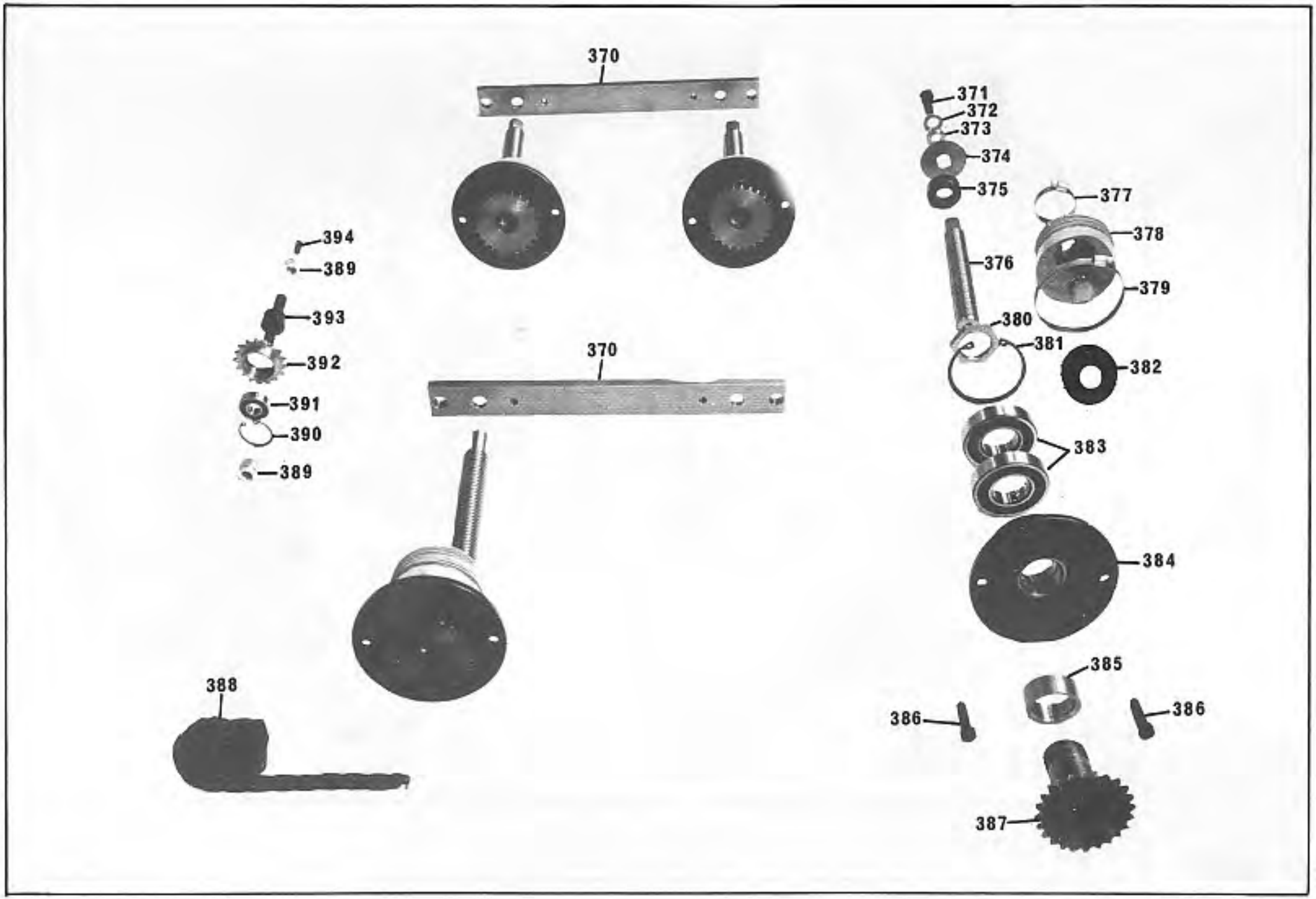
Wadkin

ILLUSTRATED PARTS LIST

ASSEMBLY:-			THICKNESSER TABLE RISE AND FALL
FIG ITEM	PART NO *	UNITS PER ASSEMBLY	DESCRIPTION
370	PAR 53	2	Rise and Fall Tie Plate
371		4	M10 x 40 Long Hexagon Set Screws
372	T5-63	8	Rise and Fall Screw Washers
373	T5-696	8	Rise and Fall Screw Domed Washers
374	T5-330	4	Rise and Fall Washers
375	T5-64	4	Rise and Fall Screw Collar
376	PAR 49	4	Rise and Fall Screws
377	K51.11.202	4	40mm Dia Jubilee Clips
378	PAR 102	4	Rise and Fall Bellows
379	K51.11.205	4	80mm Dia Jubilee Clips
380	T5-256	4	Rise and Fall Locknuts
381	K51.10.208	4	72mm Internal Circlips
382	PAR 182	4	Caps for Bearing Housing
383	K06.01.219	8	6207-Z Bearings
384	PAR 51	4	Rise and Fall Screws for Bearing Housing
385	PAR 89	4	Driven Sprocket Spacers
386		8	M10 x 25 Long Hexagon Set Screws
387	T5-226	4	Rise anf Fall Screw Sprockets
388	K51.08.138	1	3/8'' Pitch x 204 Link Chain
389		2	M12 Aerotight Nuts
390	K51.10.202	1	7000-032 Internal Circlip
391	K06.01.180	1	6201-2RS Bearing
392	PAR 178	1	Chain Tension Sprocket
393	PAR 92	1	Chain Tension Bar
394		1	M8 x 20 Long Socket Set Screw

– ITEM NOT ILLUSTRATED

* PLEASE QUOTE PART & MACHINE NUMBER WHEN ORDERING SPARES


370
371
372
373
374
375
377
378
379
376
380
381
382
394
389
393
392
391
390
389
370
383
384
385
386
386
388
387

Wadkin

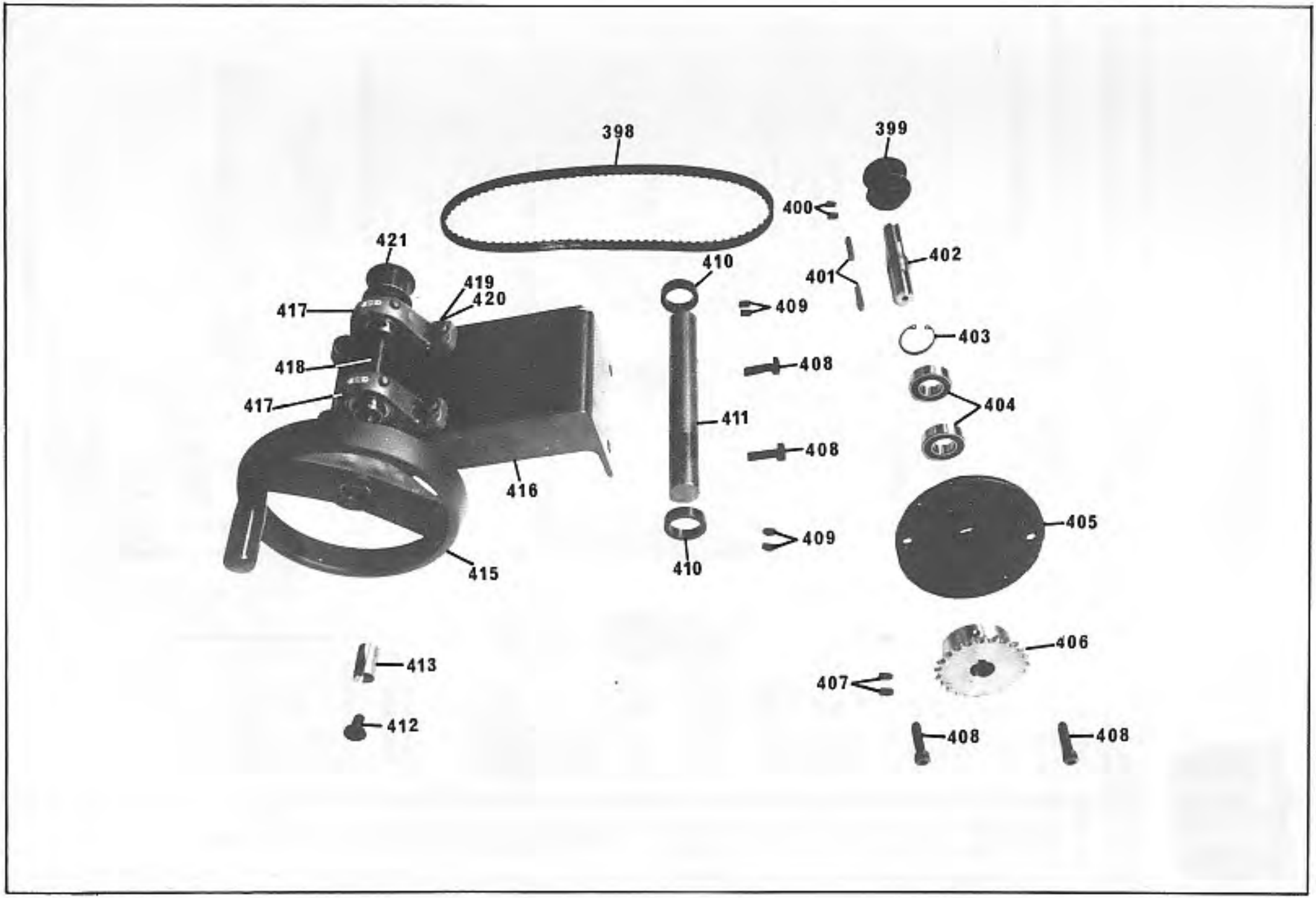
ILLUSTRATED PARTS LIST

ASSEMBLY:- THICKNESSER TABLE RISE AND FALL

FIG ITEM	PART NO. *	UNITS PER ASSEMBLY	DESCRIPTION
398	K51.04.554	1	367 x L050 Timing Belt
399	PAR 221	1	Timing Pulley for Drive Spindle
400		2	3/8" Whit x 1/4" Long Socket Set Screws
401	K51.20.127	2	6 x 6 x 45 Long Key
402	PAR 48	1	Rise and Fall Drive Spindle
403	K51.10.204	1	7000-042 Internal Circlip
404	K06.01.121	2	6004-2RS Bearings
405	PAR 52	1	Drive Spindle Housing
406	T5-232	1	Rise and Fall Sprocket
407		2	M6 x 15 Long Socket Set Screws
408		4	M10 x 25 Long Hexagon Set Screws
409		4	M5 x 6 Long Socket Set Screws
410	K05.28.291	2	Loose Collars
411	PAR 87	1	Pivot Bar for Tension Bracket
412		1	M10x25 Long Countersunk Socket Head Screw
413	BEL 24	1	Tapered Bush for Handwheel
414	K51.27.214	1	M8 Handle
415	1057-400	1	Rise and Fall Handwheel
416	PAR 106	1	Rise and Fall Tension Bracket
417	K06.30.413	2	FLCIE 16 Flanged Bearing
418	PAR 47	1	Rise and Fall Handwheel Shaft
419		4	M10 x 35 Long Hexagon Set Screws
420		4	M10 Washers
421	PAR 222	1	Timing Pulley for Handwheel Shaft

– ITEM NOT ILLUSTRATED

* PLEASE QUOTE PART & MACHINE NUMBER WHEN ORDERING SPARES


398
399
400
421
410
419
420
417
409
402
401
403
418
408
404
417
411
408
416
405
409
415
410
406
413
407
412
408
408

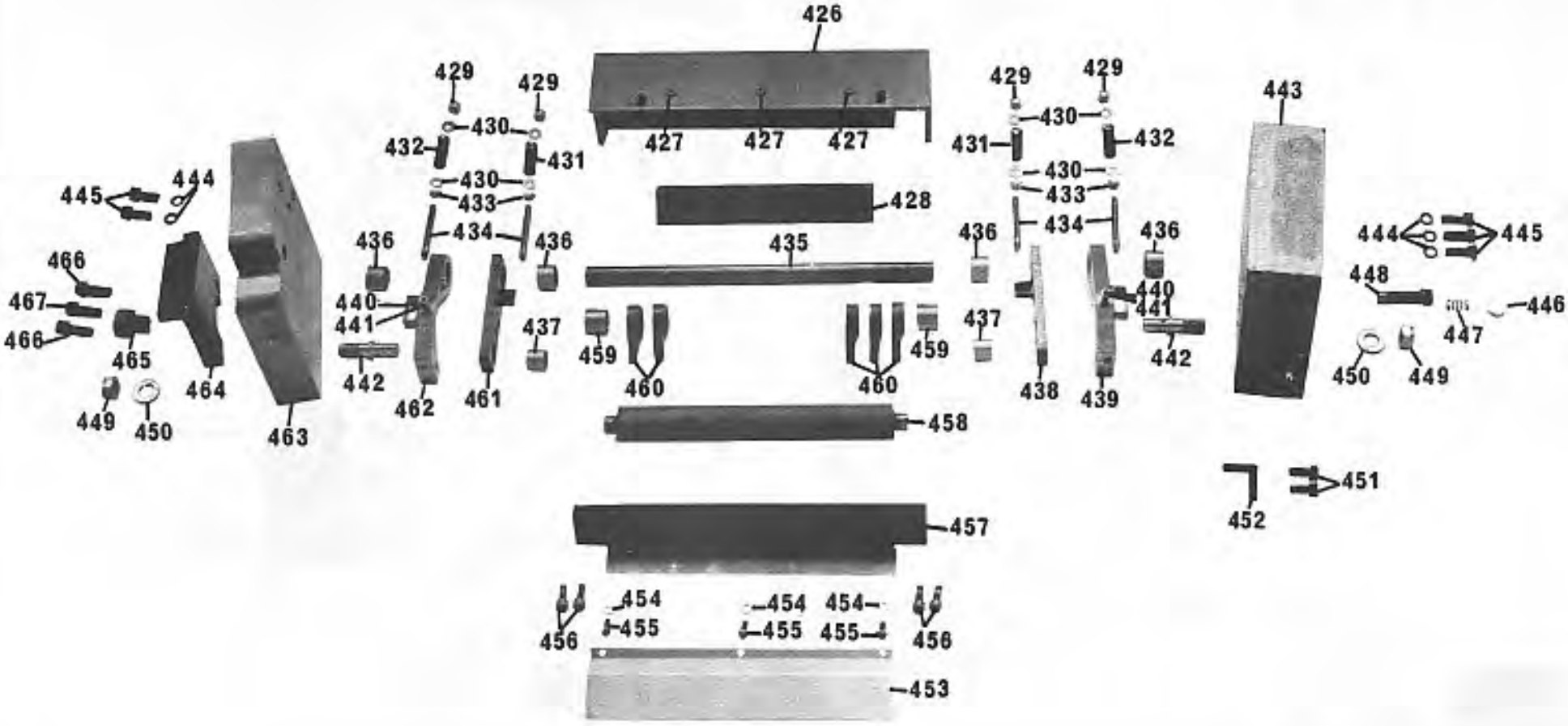
Wadkin

ILLUSTRATED PARTS LIST

ASSEMBLY:-	THICKNESSER, INFEED PRESSURES		
FIG ITEM	PART NO. *	UNITS PER ASSEMBLY	DESCRIPTION
426	PAR 162	1	Infeed Tie Plate
427		3	M6 x 12 Long Socket Button Head Screws
428	PAR 9	1	Stop for Kick Back Finger
429		4	M8 Aerotight Nuts
430		8	8mm Washers
431	K51.73.146	2	S334 Springs
432	K51.73.145	2	S312 Springs
433		4	M8 Nuts
434		4	M8 x 70 Long Studs
435	PAR 155	1	Pivot Bar
436	K51.05.134	4	25 x 30 x 12 Long Oilite Bushes
437	K51.05.133	2	20 x 25 x 12 Long Oilite Bushes
438	PAR 137	1	Arm for Infeed Pressure Roller
439	PAR 147	1	Arm for Infeed Pressure Bar Bracket
440		2	M6 x 25 Long Socket Grubscrews
441		2	M6 Locknuts
442	PAR 183	2	Infeed Pressure Bar Stops
443	PAR 61	1	Pressure Bar Bracket
444		5	M10 Spring Washers
445		5	M10 x 20 Long Socket Capscrews
446	K51.18.698	1	M20 x 1.5 Pitch Conduit Plug
447	1014-118	1	Spring
448	PAR 158	1	Top Table Stop
449		2	M12 Aerotight Nuts
450		2	12mm Washers
451		2	M8 x 16 Long Socket Capscrews
452	PAR 206	1	Infeed Pressure Stop
453	1031-32	1	Baffle Plate
454		3	6mm Spring Washers
455		3	M6 x 16 Long Socket Capscrews
456		4	M8 x 25 Long Socket Capscrews
457	PAR 165	1	Infeed Pressure Bar
458	PAR 135	1	Pressure Roller
459		2	25 Bore x 30 O/D x 25 Long Oilite Bushes
460	B-SK-1344	18	Kick Back Fingers
461	PAR 136	1	Arm for Infeed Pressure Roller
462	PAR 161	1	Arm for Infeed Pressure Bar Bracket
463	PAR 60	1	Pressure Bar Bracket
464	PAR 50	1	Outfeed Table Guide
465	PAR 45	1	Outfeed Fence Adjuster
466		2	M10 x 30 Long Socket Button Head Screws
467		1	M10 x 45 Long Socket Capscrew

– ITEM NOT ILLUSTRATED

* PLEASE QUOTE PART & MACHINE NUMBER WHEN ORDERING SPARES


426
427
427
427
428
435
429
429
430
430
431
431
432
432
433
433
434
434
436
436
436
436
437
437
440
440
441
441
442
442
443
444
444
445
445
446
447
448
449
449
450
450
451
452
456
456
457
458
459
459
460
460
461
462
463
464
465
466
466
467
438
439

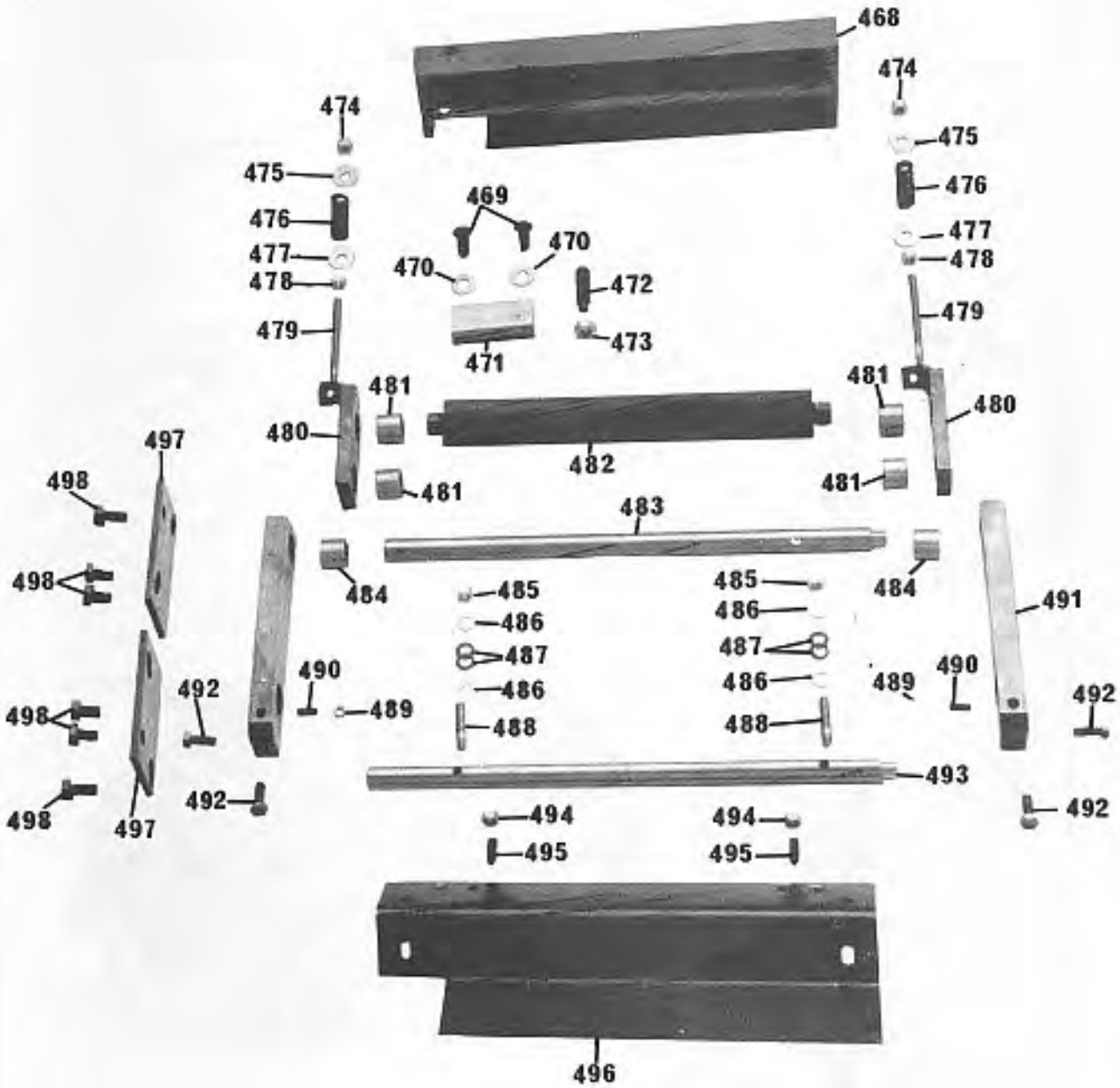
Wadkin

ILLUSTRATED PARTS LIST

ASSEMBLY:-			THICKNESSER OUTFEED PRESSURES
FIG ITEM	PART NO. *	UNITS PER ASSEMBLY	DESCRIPTION
468	PAR 150	1	Rear Tie Plate
469		2	M10 x 20 Long Socket Button Head Screws
470		2	10mm Washers
471	PAR 199	1	Fence Stop Block
472	PAR 201	1	Stop Screw
473		1	M12 Nut
474		2	M8 Aerotight Nuts
475		2	8mm Washers
476	K51.73.108	2	BTS 89 Springs
477		2	8mm Washers
478		2	M8 Binx Nut
479		2	M8 x 95 Long Studs
480	PAR 163	2	Arms for Rear Pressure Roller
481	K51.05.133	4	20 x 25 x 12 Oilite Bushes
* 482	PAR 135	1	Pressure Roller
483	PAR 168	1	Rear Pivot Bar
484	K51.05.115	2	20 x 25 x 20 Oilite Bushes
485		2	M8 Aerotight Nuts
486	1039/39	4	Spacers
487	K51.73.251	12	Disc Springs (6 either side)
488	PAR 211	2	Studs
489		2	M8 Nuts
490		2	M8 x 16 Long Socket Grubscrews
491	PAR 175	2	Rear Pressure Bar Arms
492		4	M8 x 16 Long Socket Capscrews
493	PAR 160	1	Rear Pressure Bar Support
494		2	M8 Nuts
495		2	M8 x 20 Long Socket Grubscrews
496	PAR 124	1	Rear Pressure Bar
497	PAR 169	2	Pivot Bar Mounting Plates
498		6	M10 x 25 Long Hexagon Set Screws
*	PAL 444		SERRATED ROLLER

= ITEM NOT ILLUSTRATED

* PLEASE QUOTE PART & MACHINE NUMBER WHEN ORDERING SPARES


468
474
475
476
477
478
469
470
472
473
471
479
481
480
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498

Wadkin

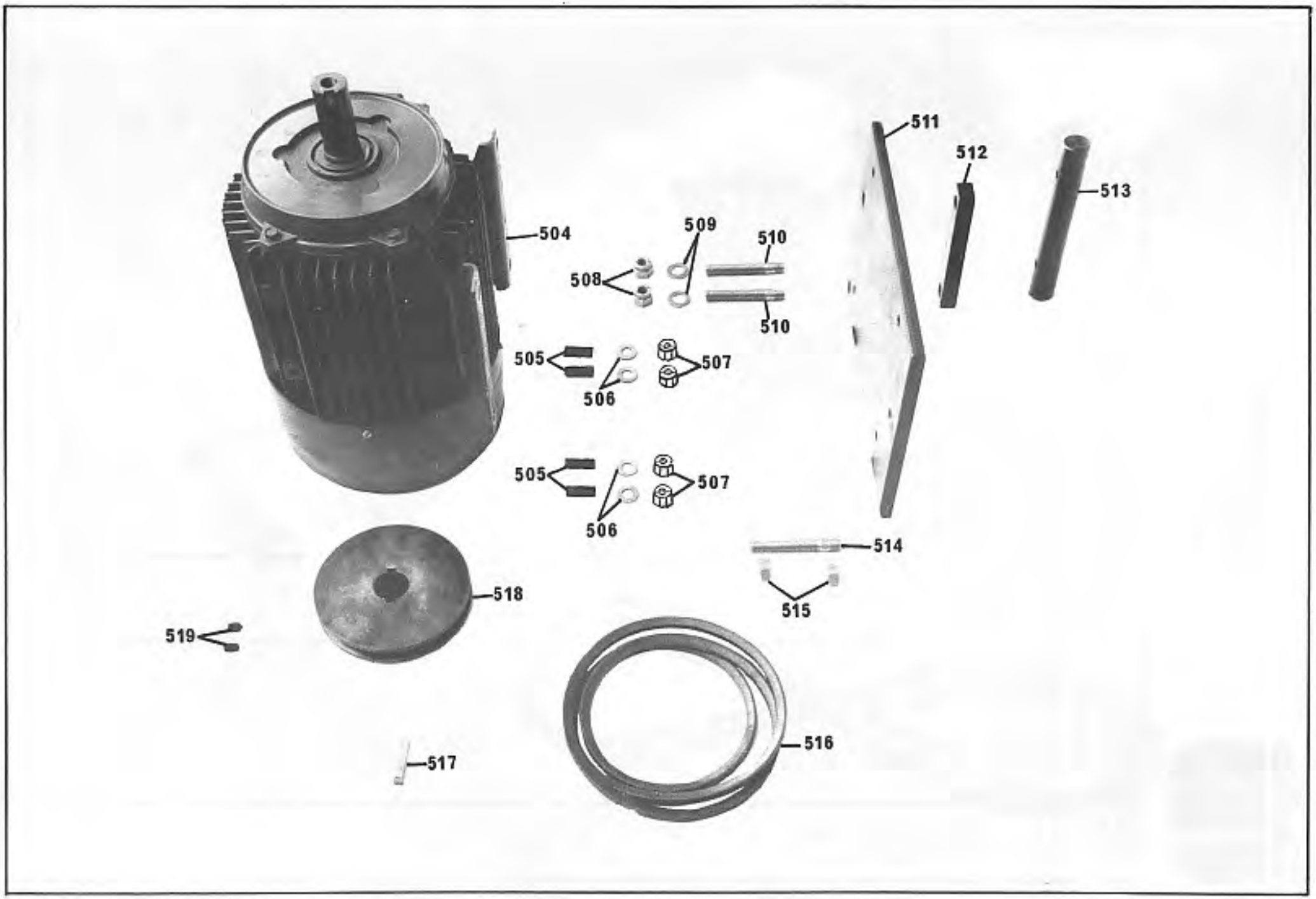
ILLUSTRATED PARTS LIST

ASSEMBLY:- SIDE HEAD MOTOR

FIG ITEM	PART NO. *	UNITS PER ASSEMBLY	DESCRIPTION
504	K51.15.333	1	Side Head Motor
505		4	M10 x 35 Long Studs
506		4	10mm Washers
507		4	M10 Aerotight Nuts
508		2	M12 Aerotight Nuts
509		2	12mm Washers
510		2	M12 x 75 Long Studs
511	PAR 97	1	Side Motor Pivot Plate
512	PAR 95	1	Pivot Plate Spacer
513	PAR 94	1	Side Head Motor Pivot
514		1	M10 x 150 Long Stud
515		2	M10 Nuts
516	K51.04.214	1	SPZ 1520 Belt
517		1	8 x 7 x 40 Long Key
518	PAR 103	1	Side Head Motor Pulley - 50 cycle
	PAR 104	1	Side Head Motor Pulley - 60 cycle
519		2	M10 x 10 Long Socket Set Screws
			NOTE: WHEN RE-ORDERING MOTOR, STATE VOLTAGE PHASE, HP AND FRAME SIZE FROM MOTOR PLATE

– ITEM NOT ILLUSTRATED

* PLEASE QUOTE PART & MACHINE NUMBER WHEN ORDERING SPARES


504
509
510
508
510
505
507
506
505
507
506
511
512
513
514
515
518
519
516
517

Wadkin

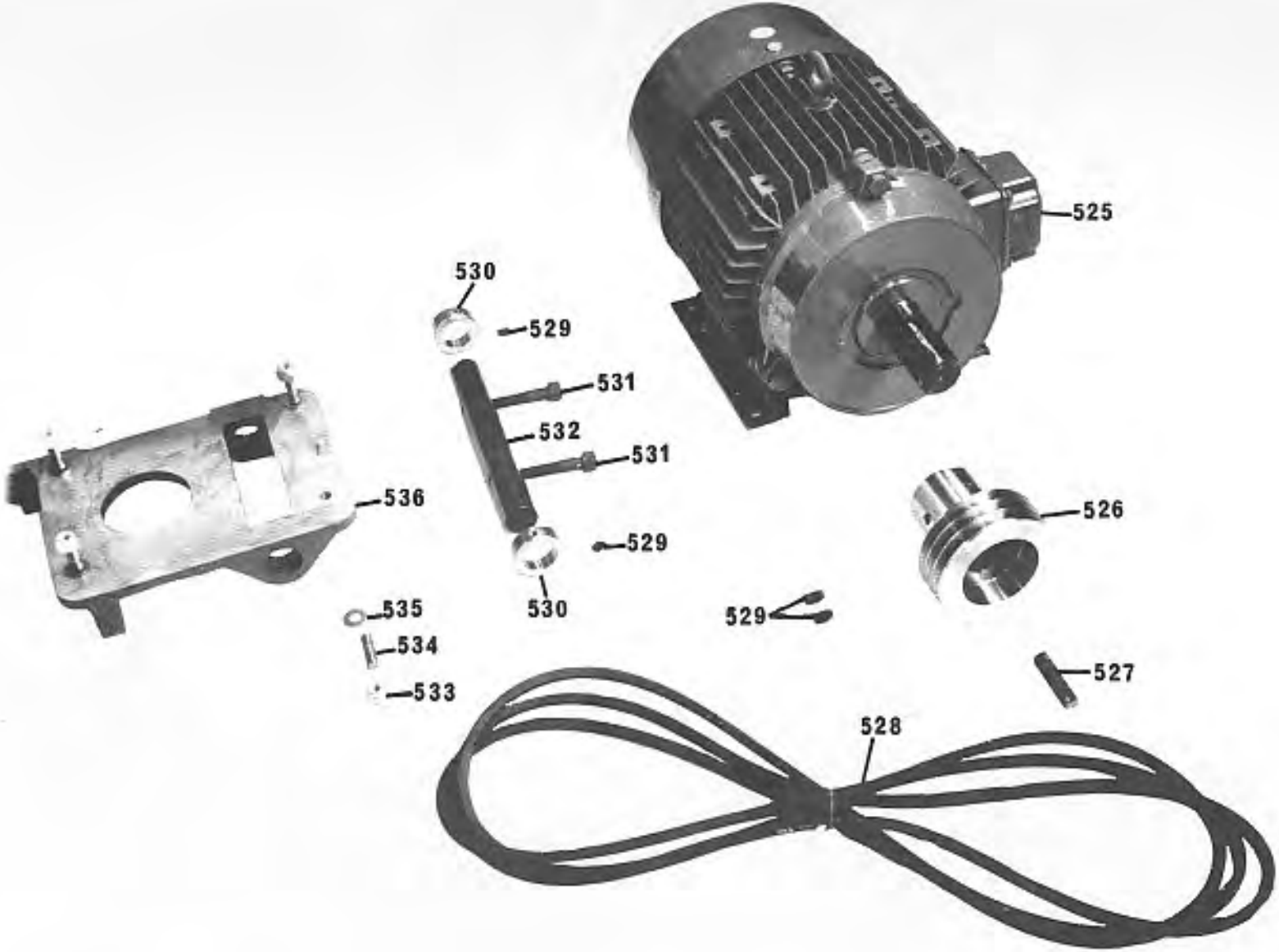
ILLUSTRATED PARTS LIST

ASSEMBLY:- HORIZONTAL MOTOR

ITEM	PART NO. *	UNITS PER ASSEMBLY	DESCRIPTION
525	K51.15.561	1	Horizontal Cutterblock Motor
526	1069-149	1	Motor Pulley - 50 cycle
	1069-113	1	Motor Pulley - 60 cycle
527		1	8 x7 x 40 Long Key
528	K51.04.212	3	SPZ1400 Belts
529		4	M8 x 10 Long Socket Set Screws
530	K05.28.259	2	Loose Collars
531		2	M12 x 60 Long Socket Capscrews
532	PAR 90	1	Main Motor Pivots
533		4	M10 Aerotight Nuts
534		4	M10 x 35 Long Studs
535		4	10mm Washers
536	EM72	1	Motor Pivot Plate
			NOTE: WHEN RE-ORDERING MOTOR, STATE VOLTAGE, PHASE, HP AND FRAME SIZE FROM MOTOR PLATE

– ITEM NOT ILLUSTRATED

* PLEASE QUOTE PART & MACHINE NUMBER WHEN ORDERING SPARES


525
530
529
531
532
531
529
530
536
526
535
534
533
529
527
528