Wadkin

AGS400/430

TILTING ARBOR SAWBENCH

MACHINE No.	
TEST No.	
YEAR OF MANUFACTURE	

Wadkin ULTRACARE
At the Cutting Edge of Industry

Wadkin UltraCare Limited
Green Lane Road
Leicester
LE5 4PF

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Website: www.wadkinbursgreen.com

MANUFACTURERS E.C. DECLARATION OF CONFORMITY

The following machine has undergone "Conformity Assessment" and has undergone Third Party Examination by a Notified Body in accordance with:-

Schedule IV of the Supply of Machinery (Safety) Regulations 1992
and Amendment No. 2063

COMPANY

Wadkin Ultracare Limited
Green Lane Road
Leicester
LE5 4PF

RESPONSIBLE PERSON

Mr J P Smith (Director)

MACHINE DESCRIPTION

TYPE Tilting Arbor Saw Bench

MODEL AGS 400/430

DIRECTIVES COMPLIED WITH

Supply of Machinery (Safety) Regulations 1992
Amendment No. 2063 1994
Draught Proposal CEN/TC 142
ISO 9001 Part 1

NOTIFIED BODY

Lloyds Register
Lloyds Register House
29 Wellesley Road
Croydon, CR0 2AJ

SIGNED ON BEHALF OF WADKIN
ULTRACARE LTD.

.....

EC TYPE EXAMINATION CERTIFICATE NO.

EC95/00005

Registered in England 4177852
Registered Office: 44 The Ropewalk, Nottingham NG1 5EL

BE CAREFUL
THIS MACHINE CAN BE DANGEROUS
IF IMPROPERLY USED

Always use guards.
Keep clear until rotation has ceased.
Always operate as instructed
and in accordance with good practice.
Read instruction manual before installing,
operating or maintaining machine.

Manufactured by : WADKIN LTD
Green Lane Road
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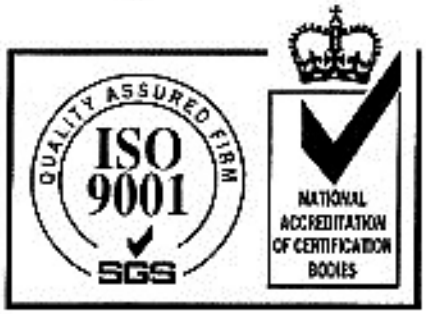


2.1 HEALTH & SAFETY

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 BS.6854 Part 1, "Safeguarding Woodworking Machines" and subsequent parts for specific 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 following.

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 Leicester

Green Lane Works, Leicester LE5 4PF, England.
Telephone: 0116 2769111
Fax: 0116 2598138
www.wadkinbursgreen.co.uk

2.2 SAFETY INSTRUCTIONS

Carefully read instruction manual with particular reference to the following instructions:-

a) Slinging, ie, safe lifting limits for slings, etc.

b) Installation and foundation, ie, safe working area of machine, bolt positions, etc.

c) Wiring details, ie, connection of machine to mains supply, fuse details, etc.

d) Machine controls and operating instructions.

Ensure tooling is of the correct type for use with the machine and cutters are securely fixed in position.

Select correct spindle speed and feed rate relevant to the tooling being used.

Set all guards correctly and ensure they are securely fixed in accordance with the current regulations.

Use suitable jigs, fixtures and feeding devices etc., (push stick, etc.,) where appropriate.

Refer to BS.6854, Part 1, "Safeguarding Woodworking Machines" and subsequent parts for specific machines for safe working practices.

During Machining

Wear suitable protective equipment, where necessary, eg, goggles, ear defenders and dust mask.

Ensure all moving parts of the machine are stationary before setting, cleaning or making any adjustments.

Report immediately to a person in authority any machine malfunction or operator hazard. Do not attempt to repair the machine unless authorised to do so.

Ensure machine is electrically isolated before any maintenance/cleaning work commences.

NOISE LEVELS

This machine, under certain conditions, will emit noise levels in excess of 85dB(a).

Noise levels will be affected by the environment in which the machine operates, the timber being machined, tooling, machine setting and dust extraction.

Further information available from Wadkin

As a manufacturer it is Wadkin's policy to reduce the noise level as far as is practicable.

3.0 SPECIFICATION – AGS 400/430

Size of main table		1190 x 1100mm
Maximum distance saw to rip fence		914mm
Maximum diameter of saw		400mm , 430mm
Saw projection with 430mm saw		65 – 140mm
Saw projection with 400mm saw		50 – 125mm
Saw projection with 300mm saw		0 – 75mm
Power of motor	- standard	5.5kw
	- optional	7.5kw
Spindle speed		3000rpm
Spindle diameter		30mm
Approximate floor space		1650 x 1250mm
Approximate net weight		440kg
Approximate gross weight – poly packed		450kg
Approximate gross weight – fully boxed		550kg
Shipping dimensions – boxed		1.31 x 1.10 x 1.07m

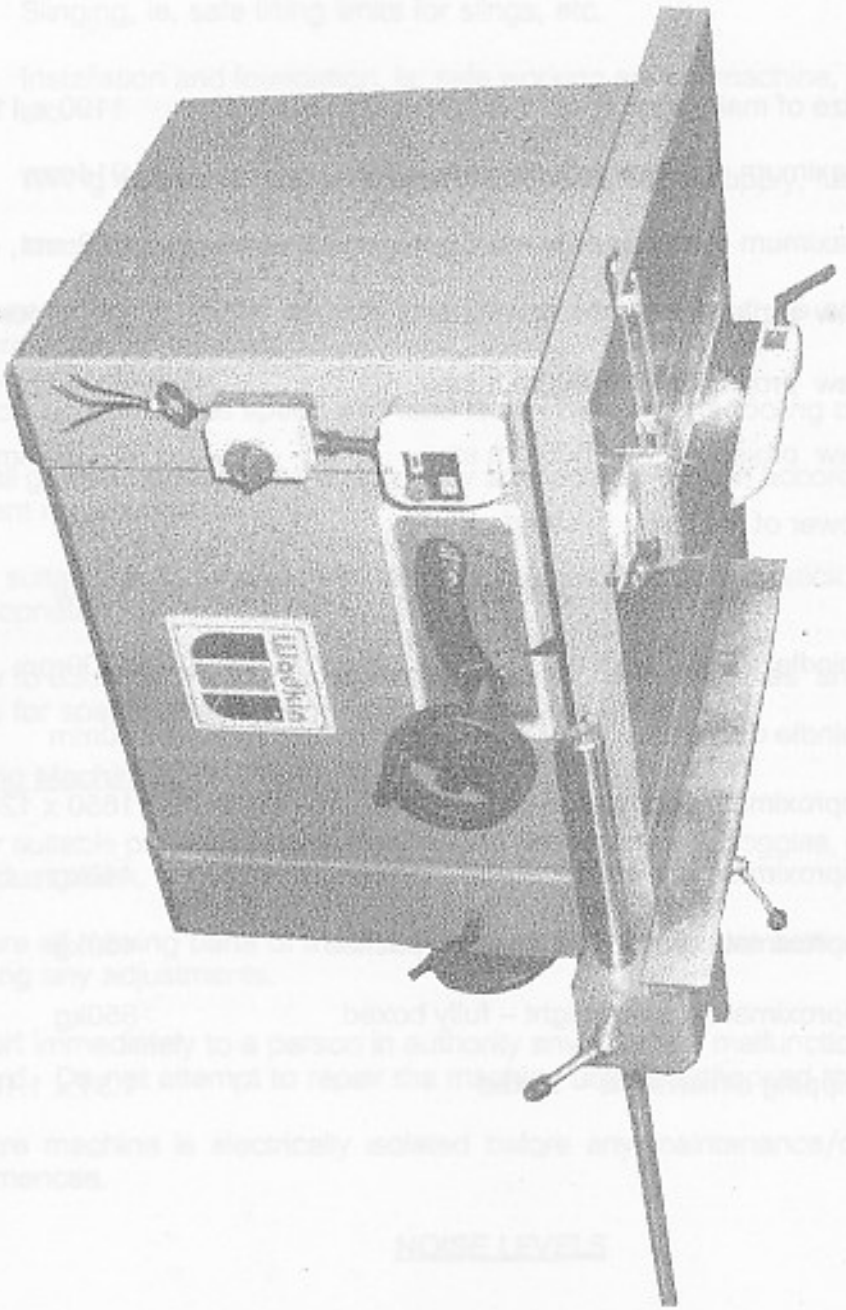
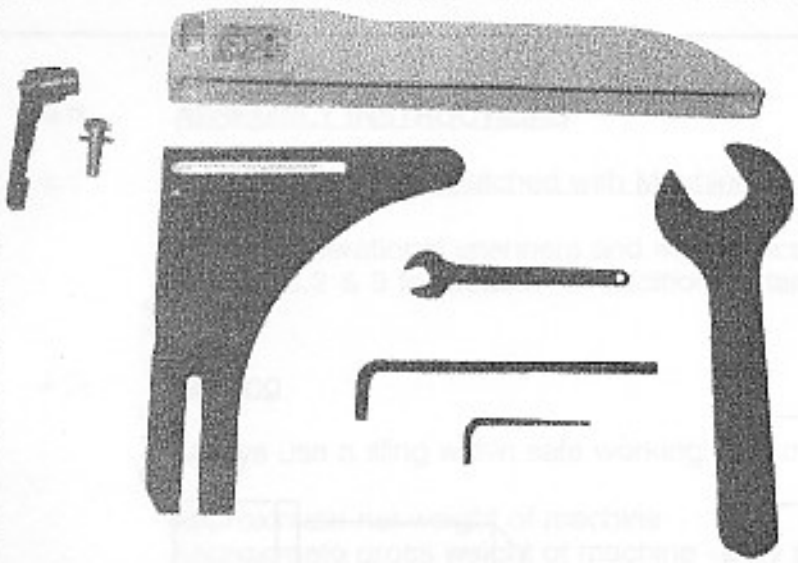
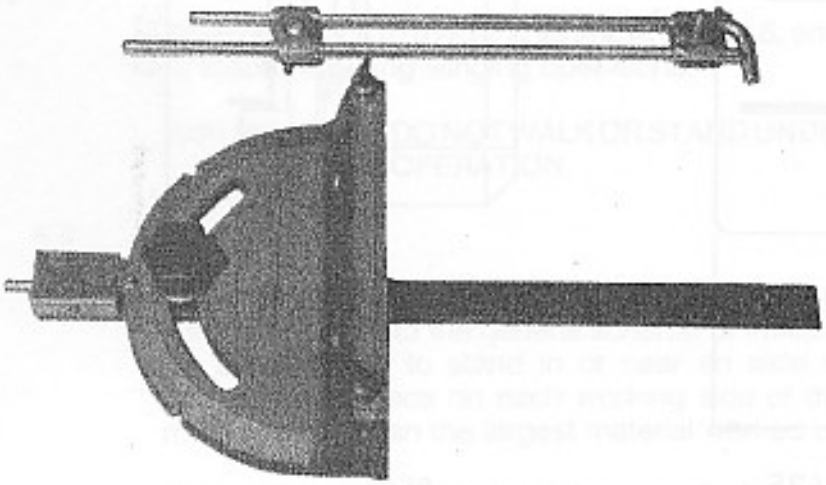


FIG. 1



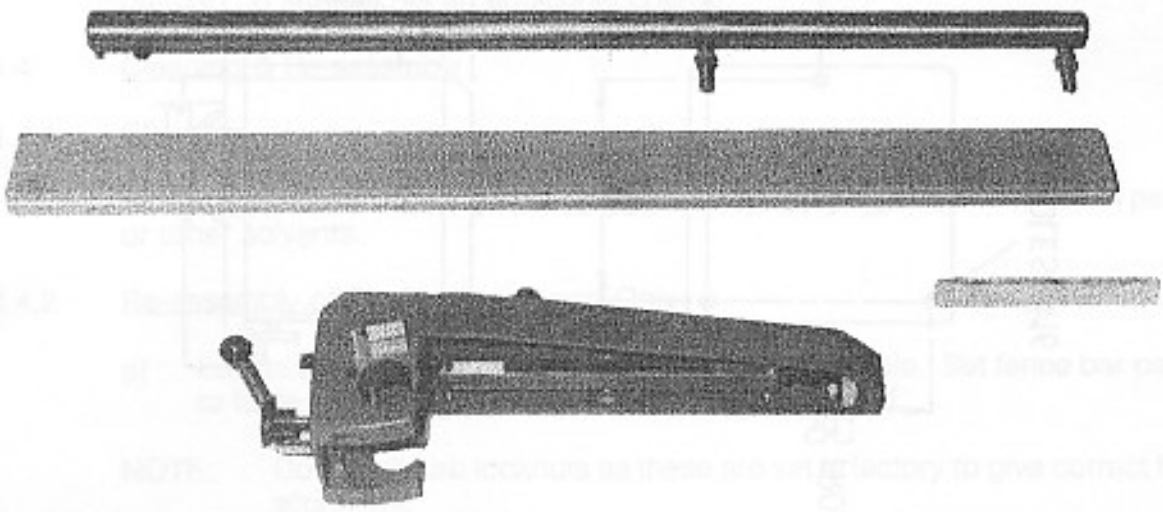
1 - Sawguard 1041-44
1 - Riving Knife S40-18
1 - M10 Locking Handle complete with Bolt & Washer
1 - 46mm Spanner 1057-83
1 - 17mm A/F S/E Spanner
1 - 8mm A/F Long Arm Hexagon Wrench
1 - 5mm A/F Hexagon Wrench

FIG.2



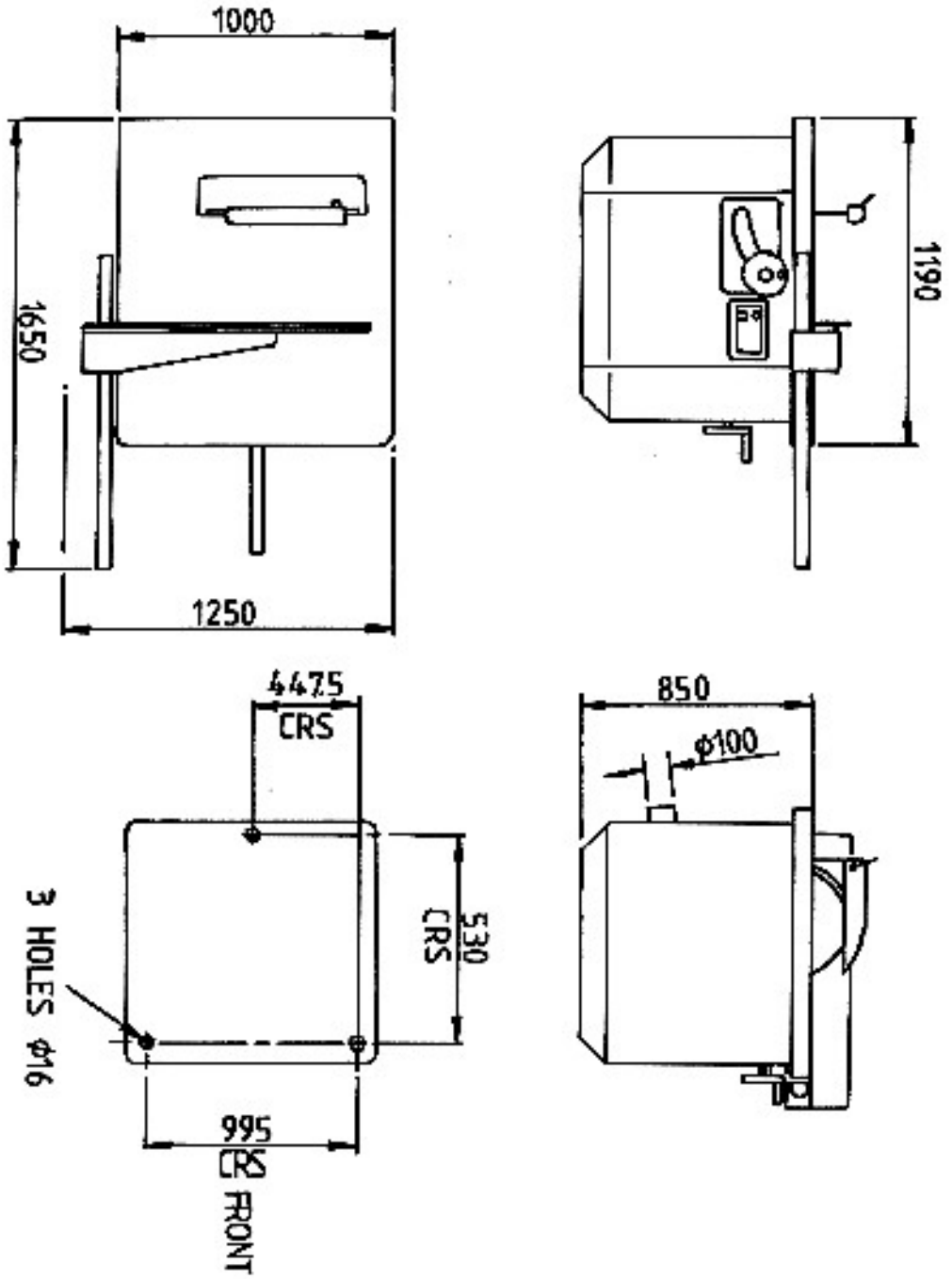
1 - Mitre Fence complete

FIG.3



1 - Rip Fence Bar
1 - Rip Fence Bracket complete with pointer
1 - Rip Fence Plate
1 - Rip Fence Support Bar

FIG.4



FOUNDATION PLAN

FIG. 5

4.0 ASSEMBLY INSTRUCTIONS

4.1 Standard Items Despatched with Machine

A set of operational spanners and mitre fence are despatched with the machine, see FIGS.2 & 3 for details. In addition certain parts are removed, see FIG.4 for details.

4.2 Slinging

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

Approximate net weight of machine	-	440 KG
Approximate gross weight of machine - poly packed	-	450 KG
Approximate gross weight of machine - fully boxed	-	550 KG

Attached slings to machine as shown in FIG.6, ensuring damage will not be caused to machine during slinging operations.

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

4.3 Foundation

The machine should be so placed that the traffic of men and materials to and from it fits smoothly into the general scheme of traffic. It should also not be necessary for the operator to stand in or near an aisle so as to cause a hazard. The minimum clearance on each working side of the machine should be at least 1 metre greater than the largest material worked on the machine.

Ensure floor is level, then mark to suit 3 - M12 rawlbolts, refer to foundation plan FIG.5. Drill floor to suit rawlbolts. These bolts are not supplied with the machine, but can be supplied at an additional charge.

4.4 Cleaning & Re-assembly

4.4.1 Cleaning

Remove protective coating from bright parts by applying a cloth soaked in paraffin or other solvents.

4.4.2 Re-assembly of Rip Fence - Export Only

a) Locate stud "A" FIG.7 into holes in front of main table. Set fence bar parallel to table top and lock in position with nuts provided.

NOTE: Do not disturb locknuts as these are set in factory to give correct fence alignment.

b) Assemble fence and lock stop screw in end of fence bar. Fit fence support "B" to table edge and ensure support is set level to table top.

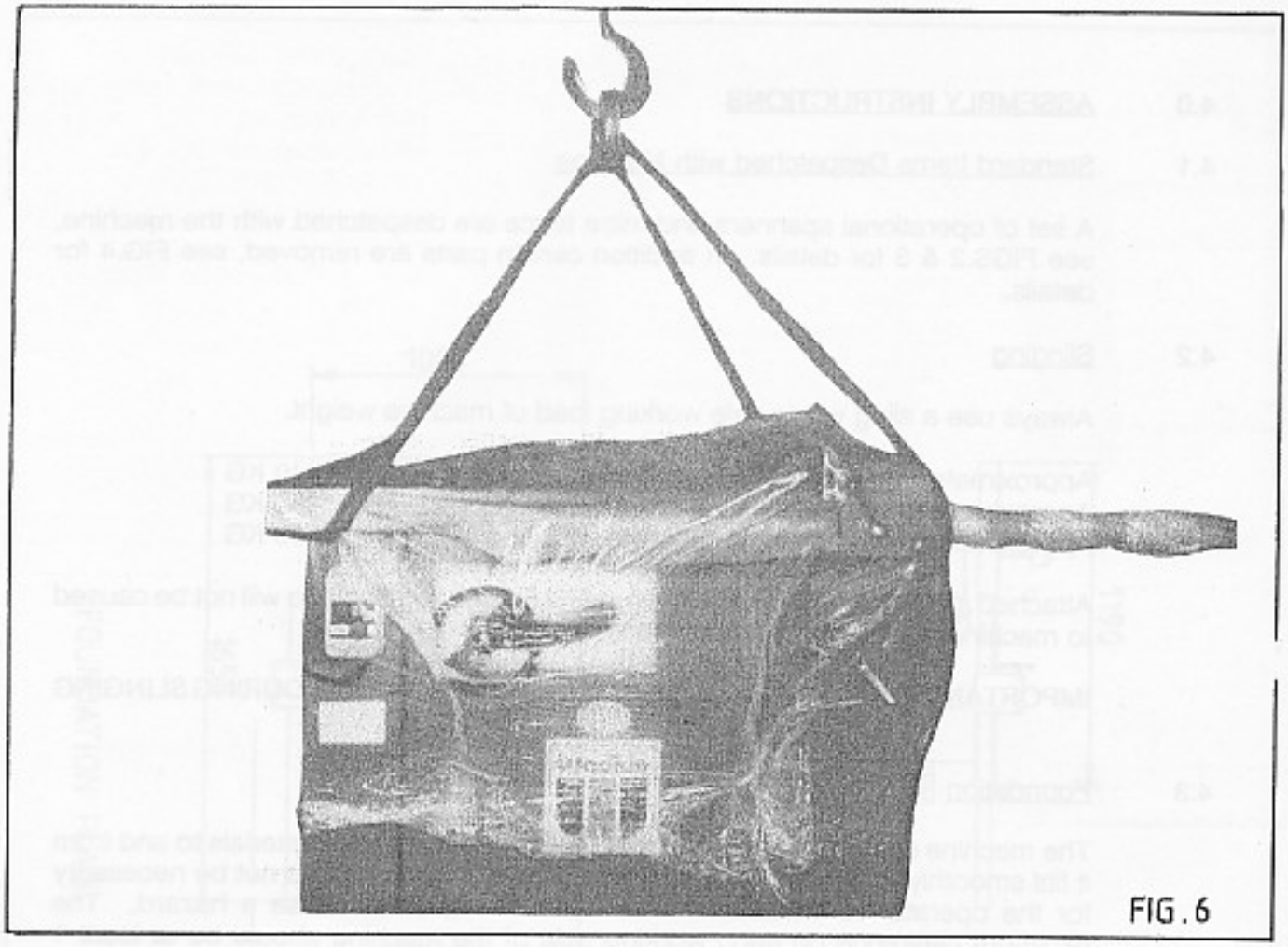


FIG. 6

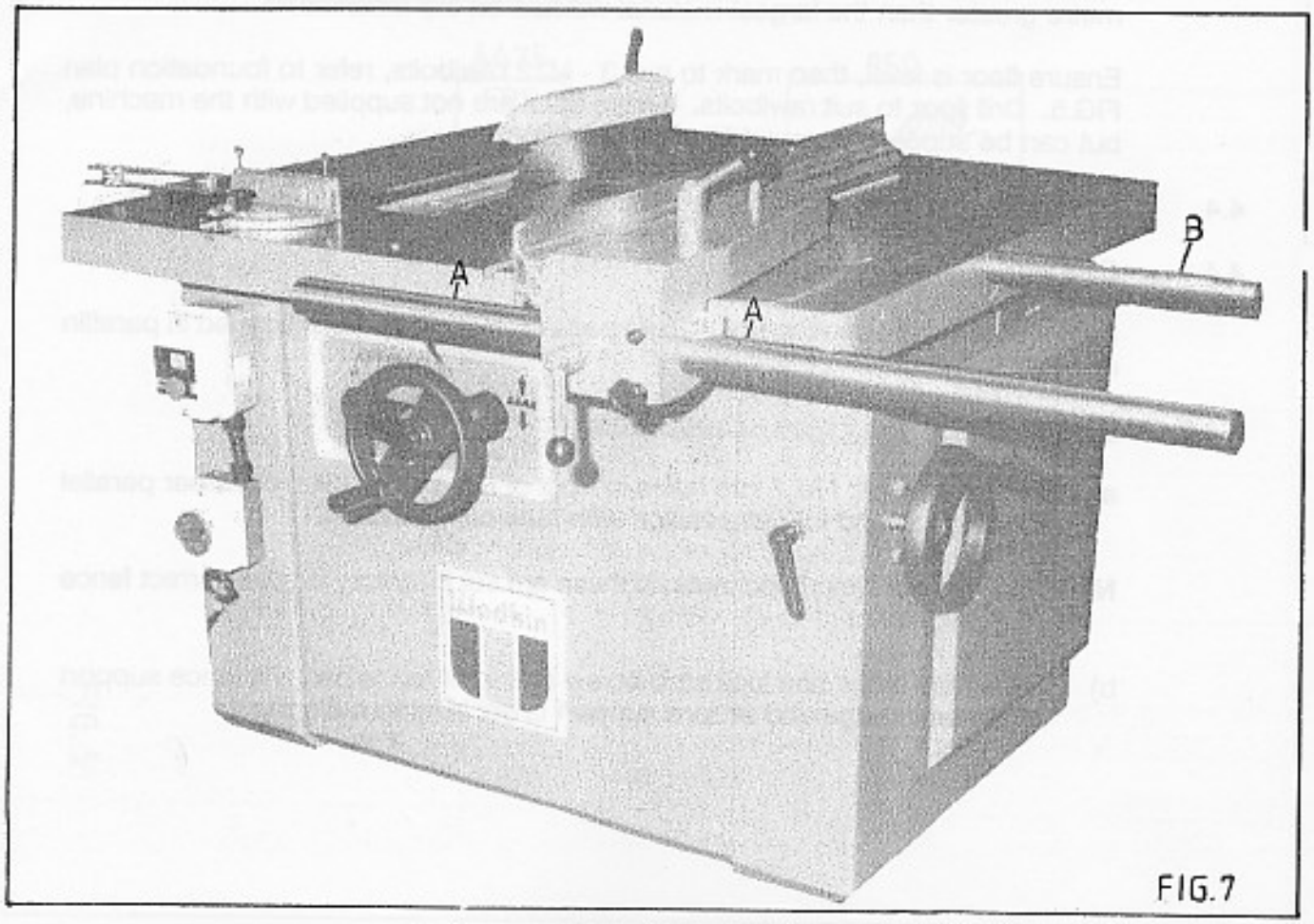


FIG. 7

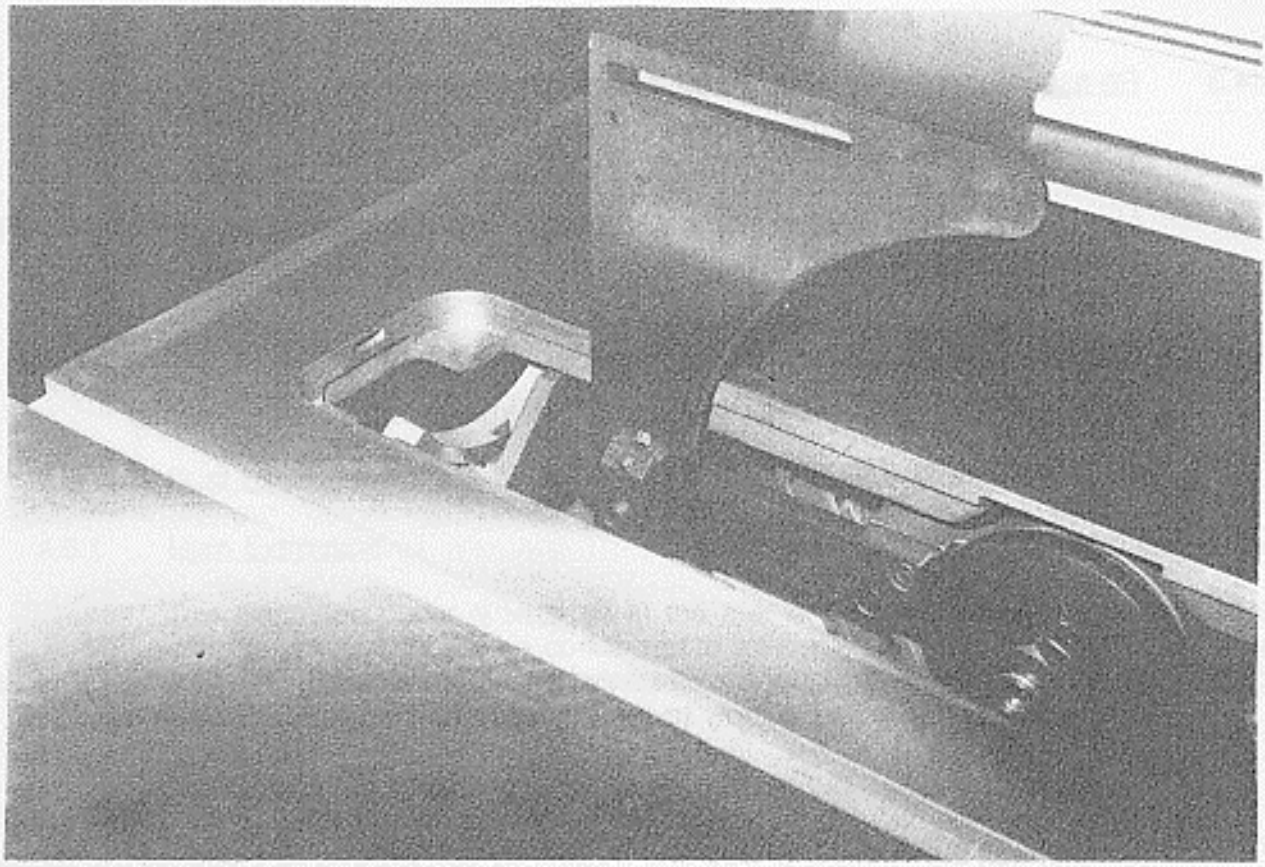


FIG.8

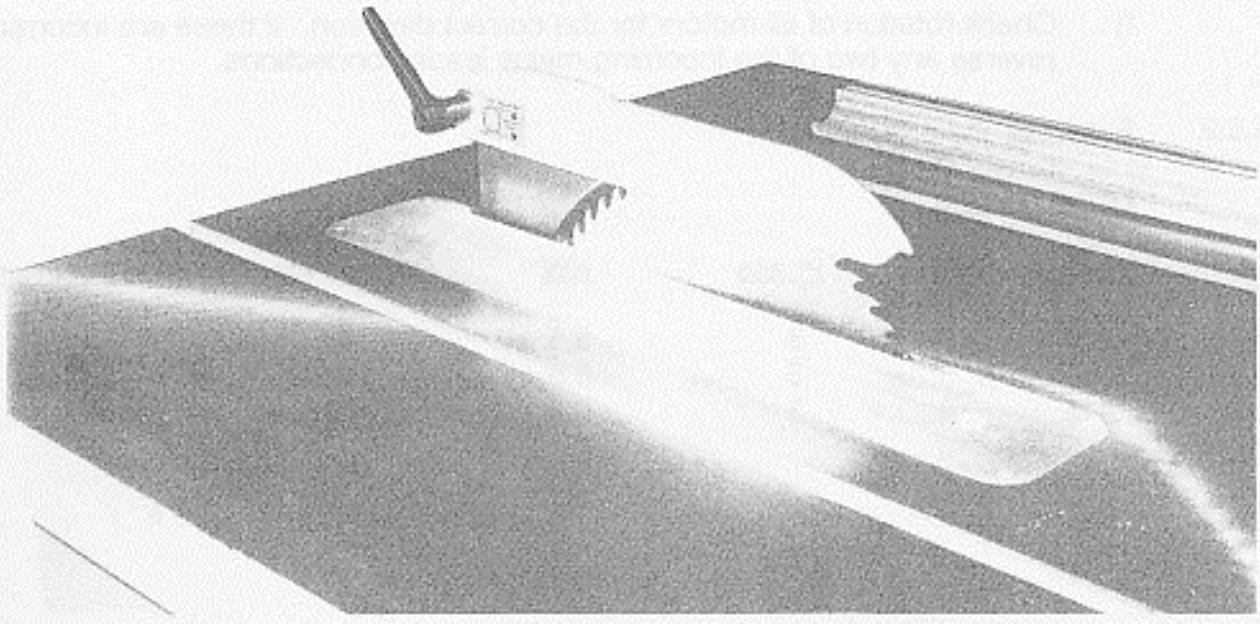


FIG. 9

4.4.3 Re-assembly of Riving Knife and Sawguard

a) Remove table insert.

b) Loosen M16 locking screw and position riving knife between pressure plate and guide plate FIG.8.

c) Tighten securely M16 locking screw.

d) Replace table insert.

c) Fit sawguard as shown in FIG.9.

4.5 Electrical

4.5.1 Wiring Connections

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:-

a) Check the voltage, phase and frequency correspond to those on the motor plate.

b) It is important that the correct cable is used to give the correct voltage to the starters, as running on low voltage will damage the motors.

c) Check the main line fuses are of the correct capacity. See fuse list. (Refer to 4.5.2)

d) Connect the line leads to the appropriate terminals. See wiring diagrams. (Refer to 4.5.3).

e) Check all connections are sound.

f) Check rotation of all motors for the correct direction. If these are incorrect, reverse any two of the incoming mains leads connections.

4.5.2 Fuse List

Direct on Line

Voltage	Phase	KW	SWG Tinned Copper Wire	Amps per Phase
220	3	5.5	13	120
380	3	5.5	15	70
415	3	5.5	18	47

Star Delta

Voltage	Phase	KW	SWG Tinned Copper Wire	Amps per Phase
380	3	5.5	21	29
415	3	5.5	23	18

4.5.3 Wiring Diagrams

See wiring diagrams in rear of instruction manual.

4.6 Dust Extraction Details

4.6.1 Main Extraction

The extraction outlet is situated at the rear of the machine. The outlet size is 100mm dia and should be connected to a flexible extraction hose from the main plant. The volume of air to be extracted is 206 LPS (436 CFM) with a velocity of 26 MPS (5,000 ft per min).

4.6.2 Crown Guard Extraction (Extra)

The extraction outlet on crown guard 100mm dia and should be connected to a flexible extraction hose from the main plant. The volume of air to be extracted is 206LPS (436CFM) with a velocity of 26 MPS (5,000 ft per min).

5.0 CONTROLS

5.1 Rise & Fall

a) Release locking handle "A" FIG.10 and raise or lower the saw arbor by the handwheel "B" FIG.10 to the required position, then relock locking handle "A".

5.2 Canting

The saw cants 45° to the right with positive stops at 90° and 45°.

a) Release locking handle "C" FIG.10 and turn handwheel "D" working in conjunction with the canting scale indicated by the pointer "E" to required saw position. Relock locking handle "C".

5.3 Sawguard and Riving Knife Adjustment

The riving knife and sawguard rise and fall with the saw. The riving knife should be adjusted to the closest practicable distance from the saw.

a) Isolate machine electrically.

b) Remove table insert.

c) Loosen M16 locking screw "F" FIG.11 and move riving knife "G" to correct position.

d) Tighten securely locking screw "F".

e) Replace table insert.

NOTE: The sawguard should then be adjusted to cover as much of the saw as possible.

5.4 Rip Fence

The rip fence slides on a round bar fitted to the front of the table. Rapid fence adjustment and micro-adjustment are provided with an effective lock.

5.4.1 Rapid Fence Adjustment

a) Loosen locking handle "J" FIG.10.

b) Position fence where required then turn locking handle "J" to lock fence in position. A ripping capacity scale on fence slide bar "K" is indicated by an adjustable pointer "L" located in the fence body and secured by socket capscrew "M".

c) Relock locking handle "J".

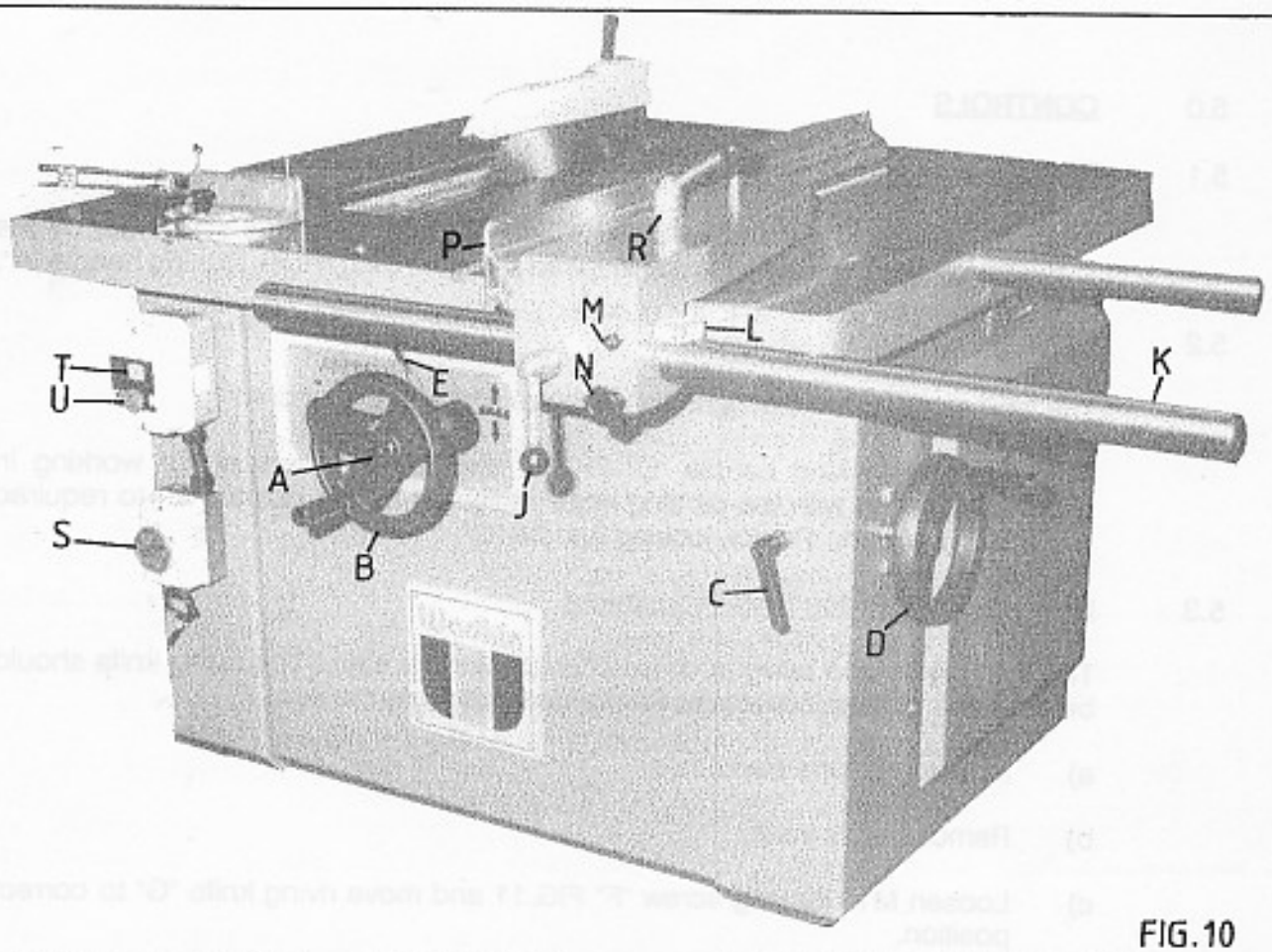


FIG.10

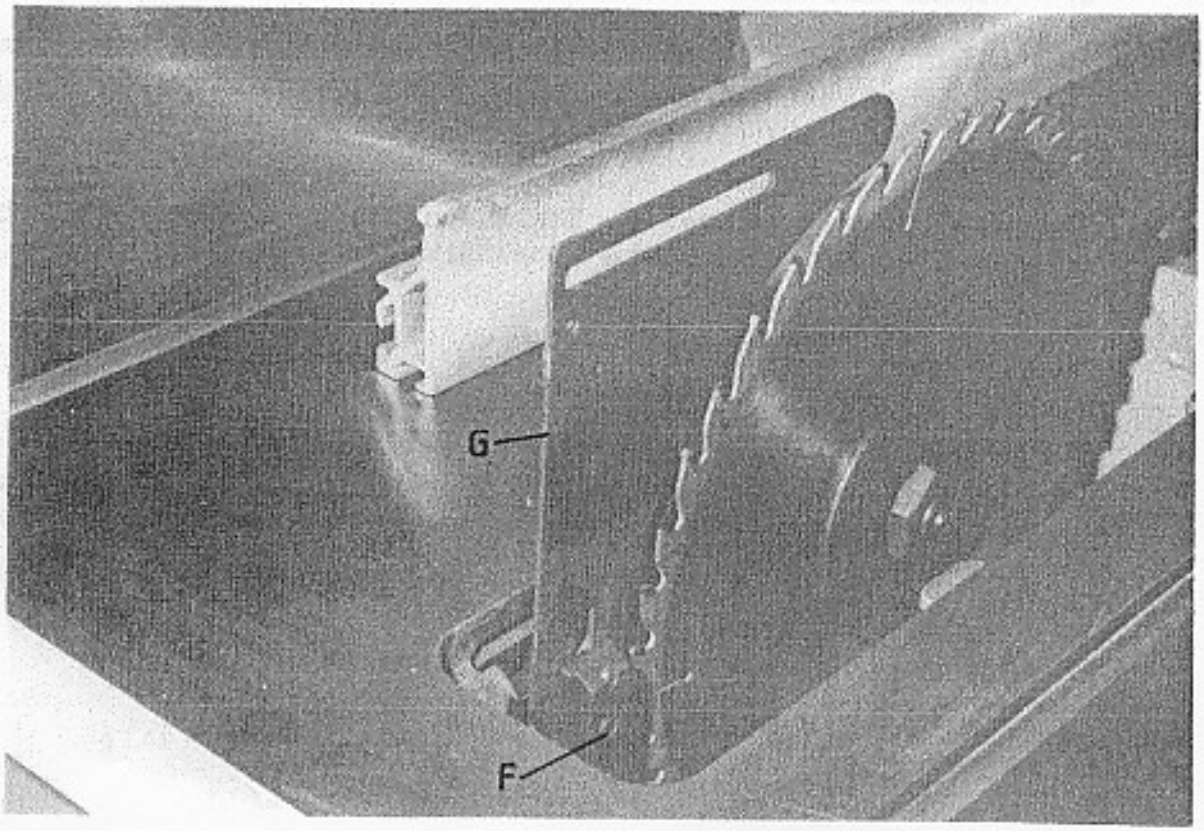


FIG.11

5.4.2 Micro Fence Adjustment

a) Loosen locking handle "J".

b) Engage spring loaded handwheel "N" in the racked fence slide bar "K".

c) Relock locking handle "J".

5.4.3 Fence Plate Positions

The fence plate "P" FIG.10 has two positions. Position shown in FIG.10 is for use with deep stock, fence can be moved longitudinally to facilitate this. Position shown in FIG.12 is for use with faced panels, melamine, veneer, etc.

a) To change fence plate position, loosen locking handle "R" FIG.10, then slide fence plate from fence body.

b) Slide fence plate over the locking plate to position shown FIG.12, relock locking handle "R".

NOTE: When the fence plate position has been changed as previously described, the pointer "L" FIG.10, must be reset.

c) To reset pointer, loosen locking handle "J" FIG.10, then move fence to a position which would allow a reasonable cut to be taken, relock locking handle "J".

d) Start machine, then feed a piece of timber past the sawblade keeping timber firmly up against the fence. Stop machine.

e) Accurately measure the width of timber, then loosen socket capscrew "M" and set rule pointer "L" accordingly. Relock socket capscrew "M".

5.5 Electrical Controls

The control panel is shown in FIG.10. When isolator "S" FIG. is fitted, ensure it is in the 'ON' position before operating.

The saw is controlled by start and stop buttons "T" and "U" FIG.10.

5.6 Fitting Tooling

5.6.1 Main Sawblade

a) Isolate machine electrically.

b) Remove table insert.

c) Raise saw spindle to uppermost position (Refer to 5.1).

d) Lift and move forward undertable guard.

e) Locate 8mm allen key (supplied) in main saw spindle as shown FIG.13. then remove spindle nut (left hand thread) with spanner (supplied) and front saw flange.

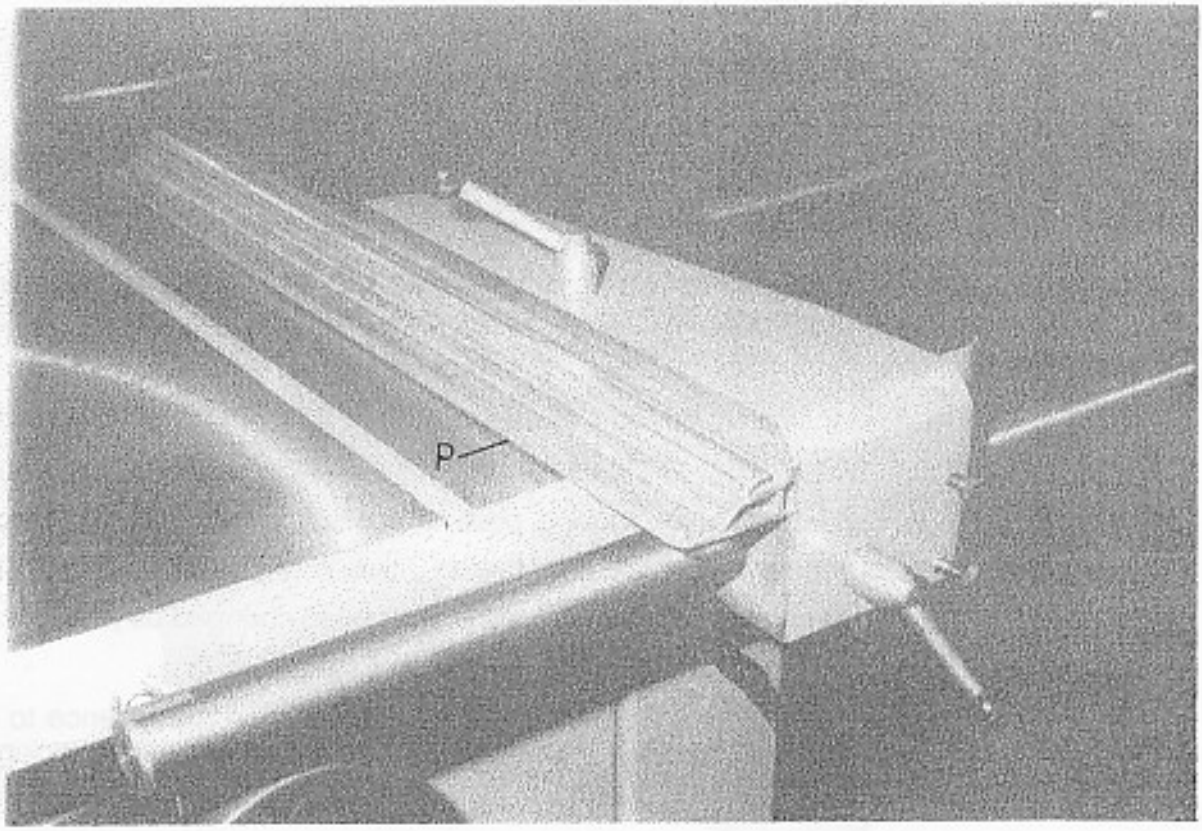


FIG.12

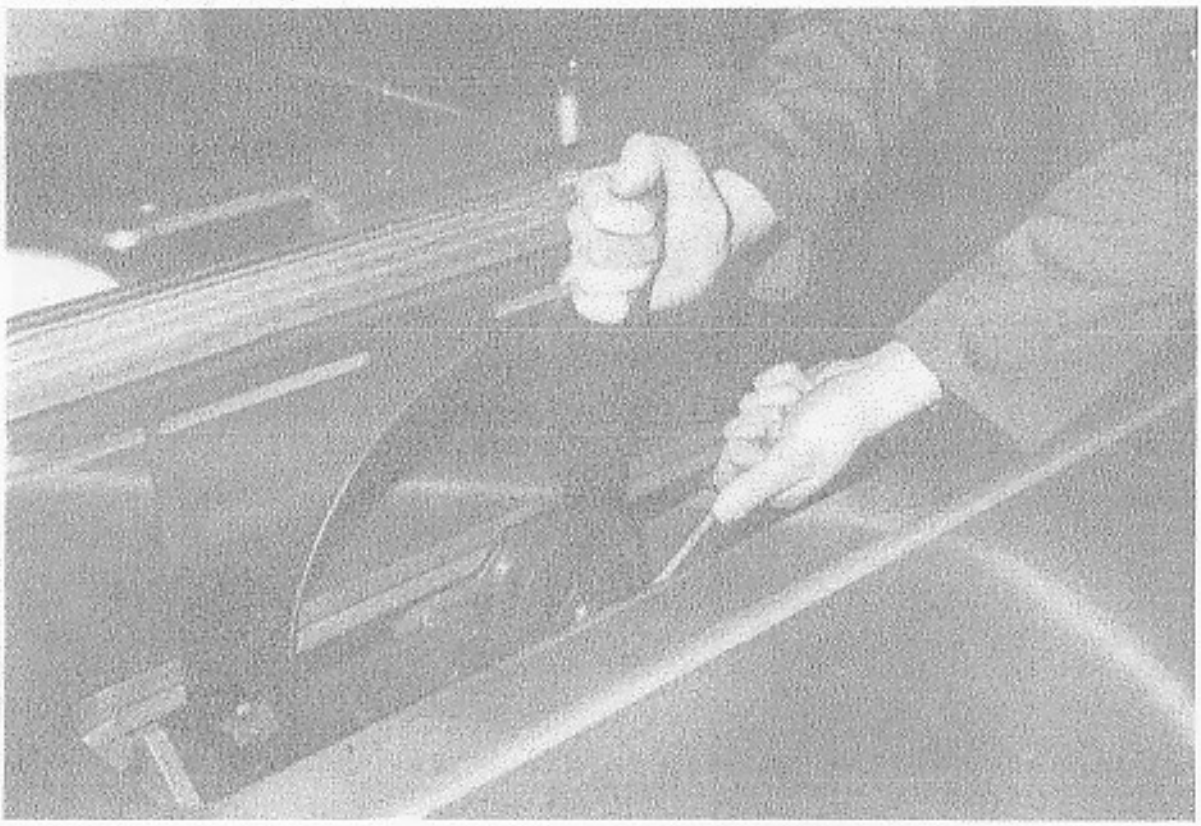


FIG.13

5.6.1 Main Sawblade (Continued)

f) Select required blade and check blade is free from dirt, gum or sawdust, especially where it will be gripped by saw flanges. Check rear saw flange is clean and fit sawblade on spindle.

NOTE: Saw teeth must point towards front of machine.

g) Check front saw flange is clean and fit on spindle.

NOTE: If flanges and saw are not clean, the saw will run out of true, causing vibration.

h) Lock saw securely in position with spindle nut (left hand thread) as shown in FIG.14.

i) Replace table insert.

j) Position sawguard depending on thickness of timber to be worked.

IMPORTANT: Sawguard must cover as much as is practicable. Clearance between sawguard and timber should never exceed 12mm FIG.15 (Woodworking Machine Regulations 1974 16(3)).

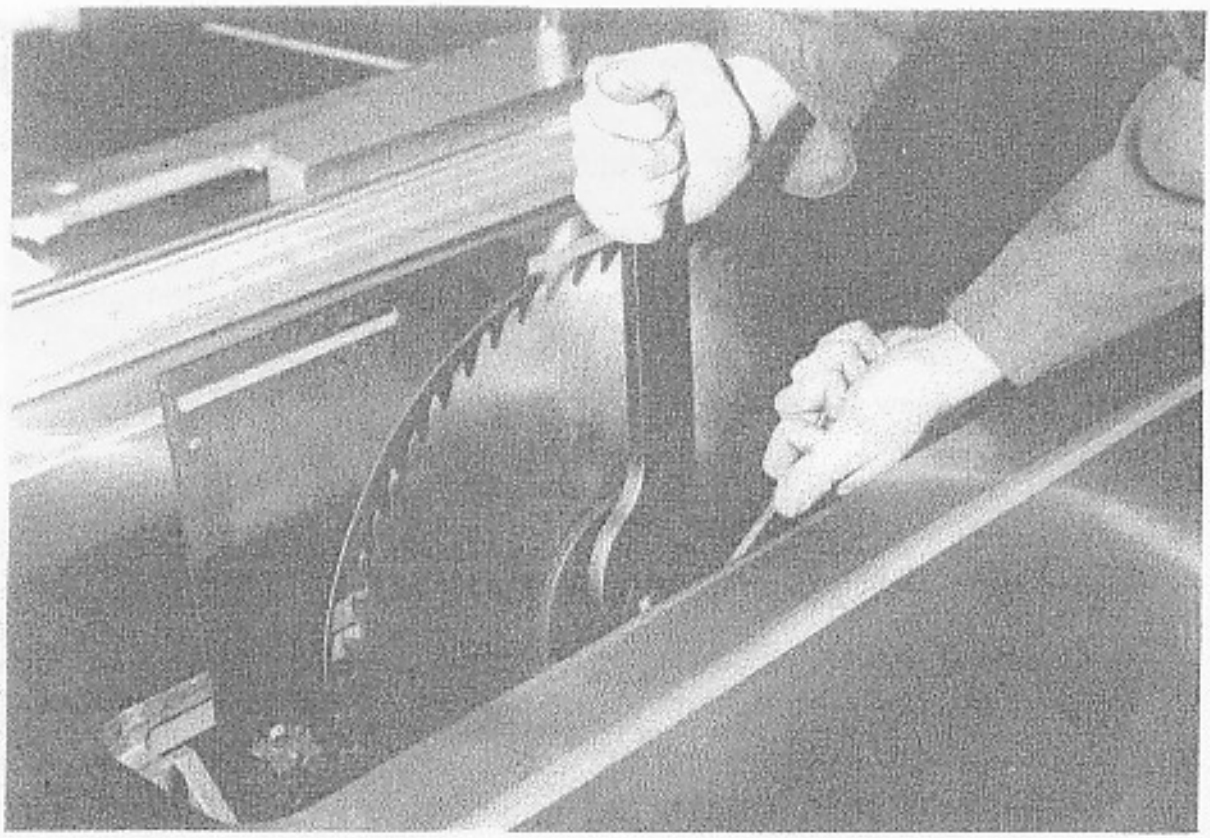


FIG.14

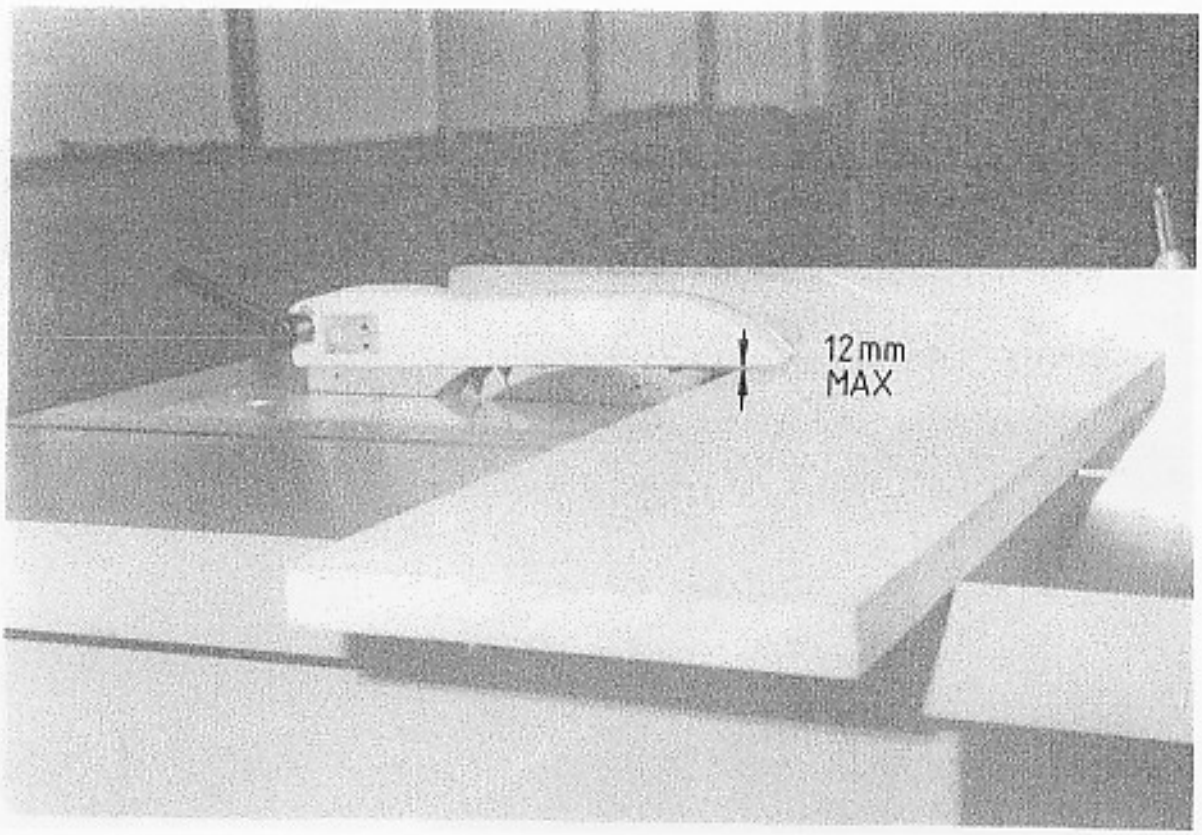


FIG.15

6.0 USE OF MACHINE

6.1 Ripping

a) Slide rip fence to cutting width required (Refer to 5.4).

b) Ensure sawguard, riving knife and saw are correctly adjusted (Refer to 5.3 and 5.6.1).

NOTE: Use correct sawblade when ripping (Refer to 8.2).

c) Use a wood push stick FIG.16 (Refer to 2.1 and 2.2) as much as practicable when feeding timber to avoid accidents.

6.2 Mitre Fence

The mitre fence "A" FIG.17 slides in either of two table slots and can be used at either side of the sawblade. Two stop rods "B" are held together by two clamps "C" and wingnuts "D". The stop rods are secured to the fence body by either of the two thumbscrews "E" depending on which side of fence body the rods are used.

NOTE: Always ensure the stop rods are set clear of the sawblade or serious damage will result when machine is operated.

The mitre fence can be rotated through 90° with positive stops at 90° and 45°.

To position mitre fence at required angle, loosen handwheel "F" FIG.17, then pull plunger "G" from location, position fence as required using scale "H", then relock handwheel "F".

NOTE: Always ensure table slot is clean when using mitre fence.

Use of Mitre Fence Stop Rods

Accurate repetitive cutting can be made using the stop rods, see FIG.18.

The rods are held in the fence by thumbscrews "E" FIG.17 and the stop rods held together by the two clamps "C". See FIG.18 for several positions in which the stop rods can be used.

NOTE: Take care that the stop rods are always clear of the saw or serious damage will result.

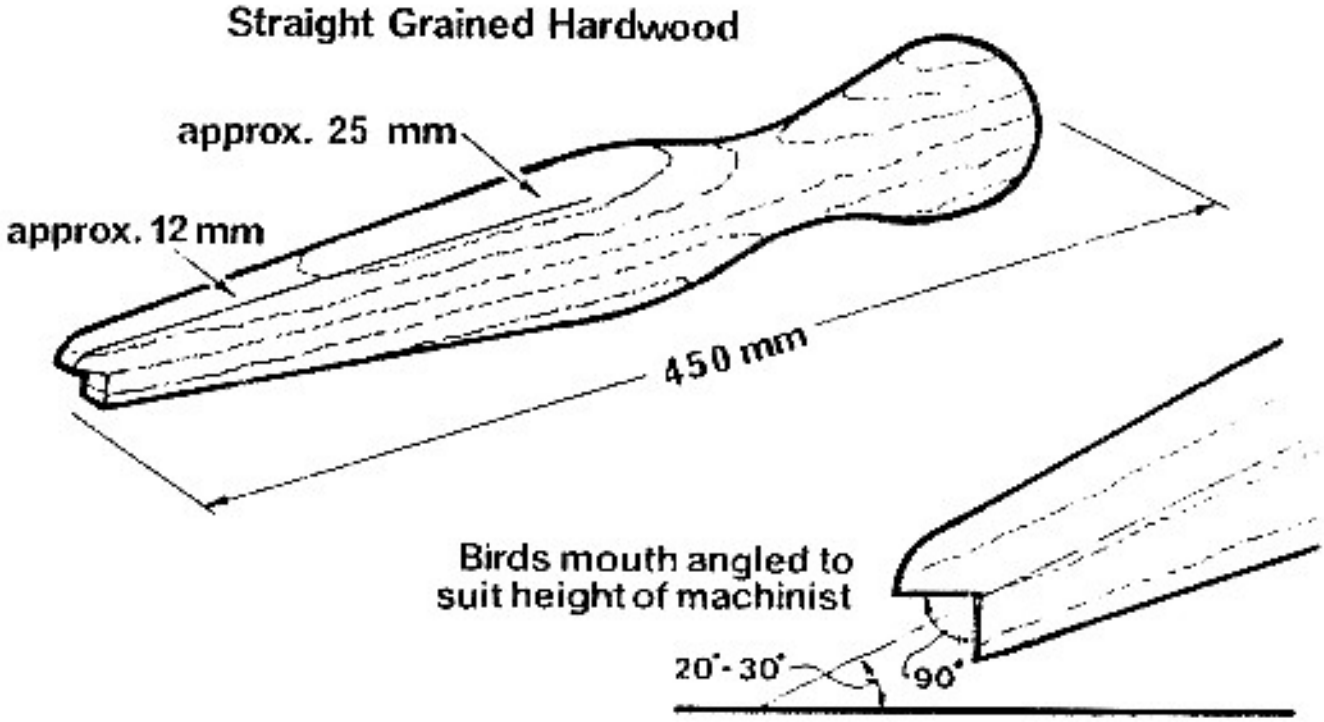

Straight Grained Hardwood
approx. 25 mm
approx. 12 mm
450 mm
Birds mouth angled to
suit height of machinist
20°- 30°
90°

FIG.16

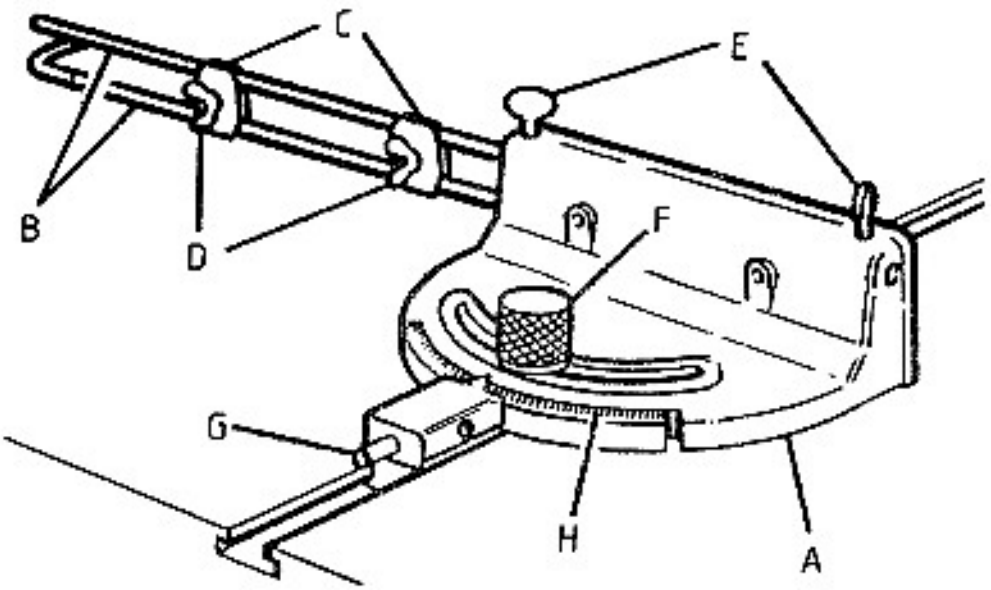

C
E
B
D
F
G
H
A

FIG.17

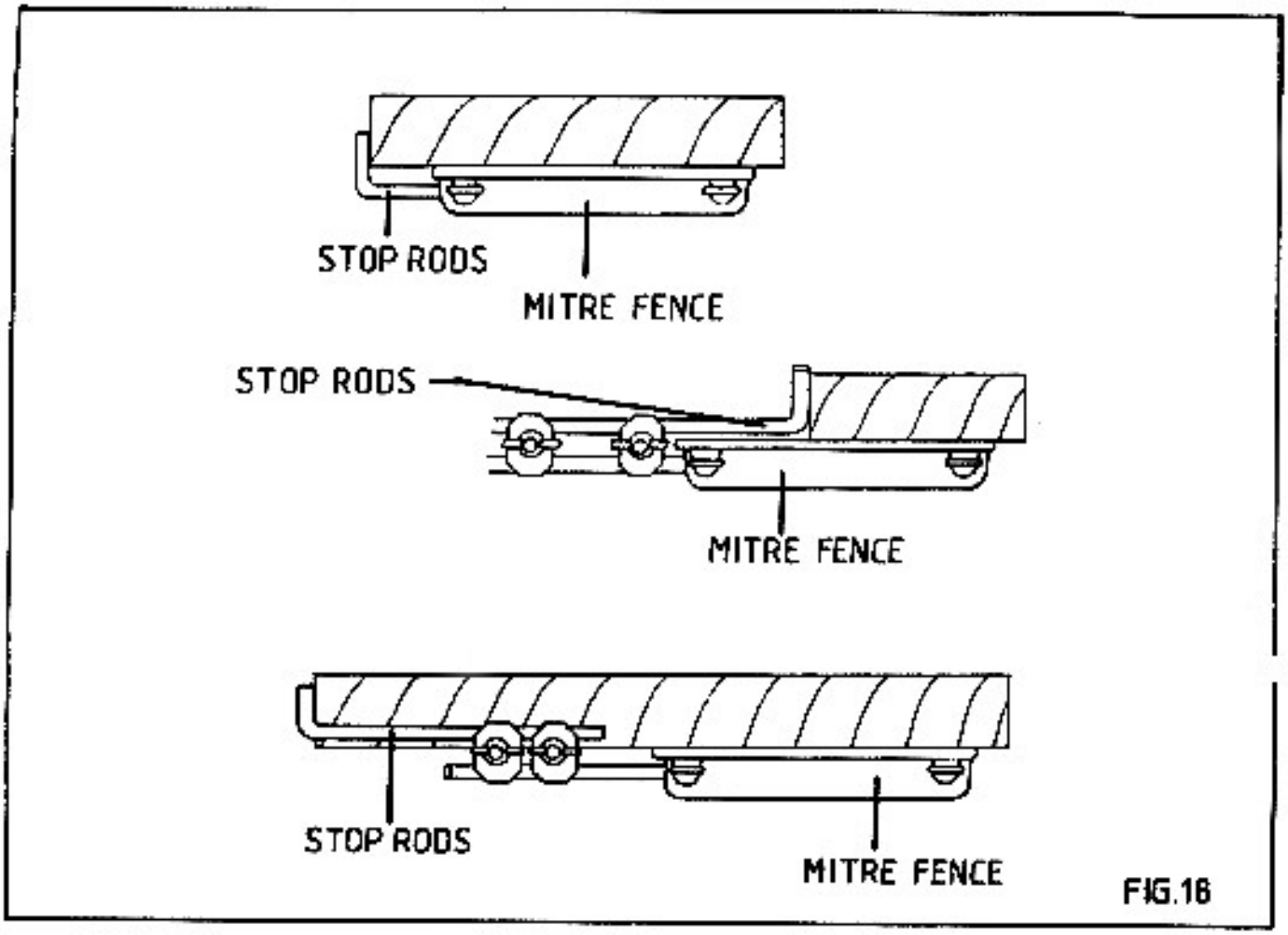

STOP RODS
MITRE FENCE
STOP RODS
MITRE FENCE
STOP RODS
MITRE FENCE

FIG.16

7.0 MAINTENANCE

7.1 Lubrication

The majority of machine working parts are designed to require no lubrication.

a) Oil rise and fall screw, canting screw and slides on a weekly basis.

b) From time to time clean saw spindle with a resin solvent and lightly oil. It is advisable to keep all bright parts covered with a thin film of oil to prevent rusting.

For approved lubricants, see page 7/6.

7.2 General

Regularly clear chips and dust from inside the machine.

7.3 Setting Main Table in Line with Saw

The table grooves are preset at works, if for any reason the table has been disturbed, the undermentioned procedure should be followed:

a) Isolate machine electrically.

b) Loosen the 4 - M10 nuts securing the main table to the base.

c) With the saw fitted to the arbor (refer to 5.6.1), select a tooth and position straight stop rod of mitre fence (refer to 6.2), so that it touches saw in position "A" FIG.19.

d) Slide mitre fence to rear position 'B' of the saw, swing tooth of saw which was mentioned in item c) above. Check whether stop rod touches the tooth.

e) If stop rod is touching, position table until a lead off of .002"/.004" from position 'B'.

f) The correct position of saw in relation to the table insert slot is 25.4mm (1") from the right hand side. This will ensure clearance on table insert when the saw is canting.

g) When set, retighten 4 - M10 nuts.

h) To check this alignment, cut several pieces of wood using the mitre fence to ensure there is no back cut as the stock is passed through the sawblade.

7.4 Setting Rip Fence

The rip fence is preset at works, if for any reason the rip fence has been disturbed, the undermentioned procedure should be followed.

NOTE: Ensure saw is parallel to table slot (refer to 7.3)

a) Isolate machine electrically.

b) Remove sawguard, riving knife and saw (ref to 4.4.3 and 5.6.1).

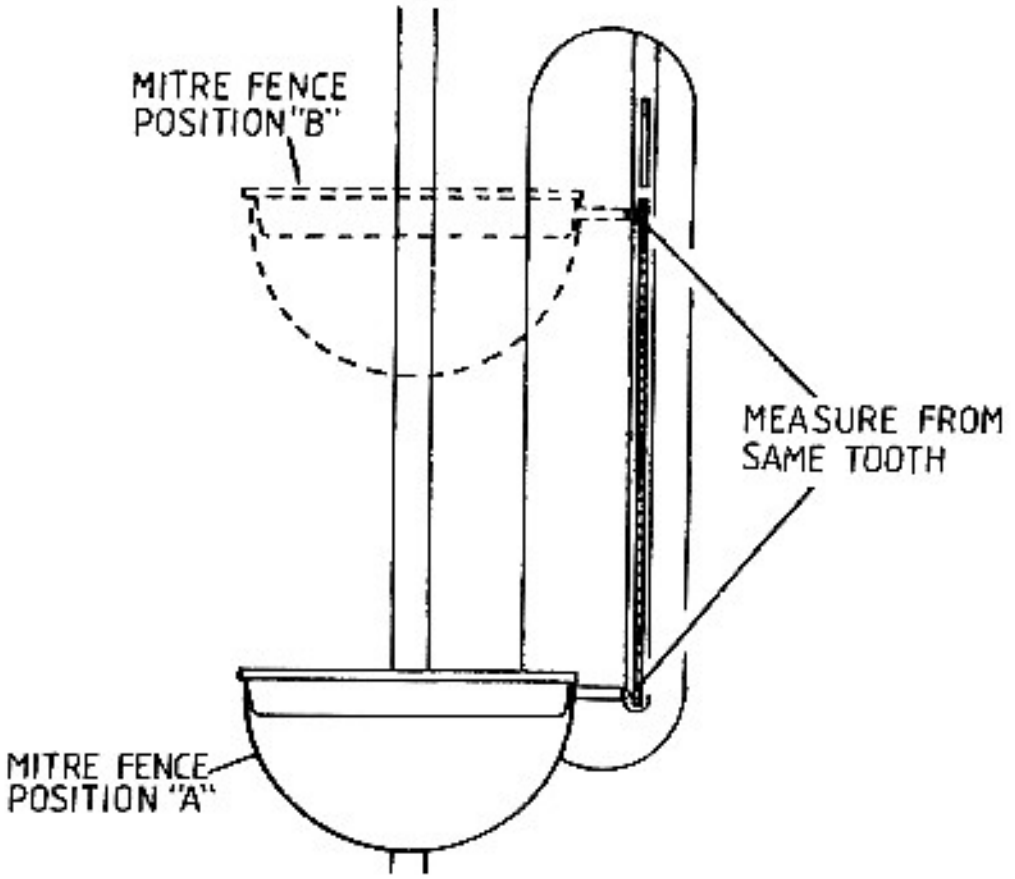

MITRE FENCE
POSITION "B"
MEASURE FROM
SAME TOOTH
MITRE FENCE
POSITION "A"

FIG. 19

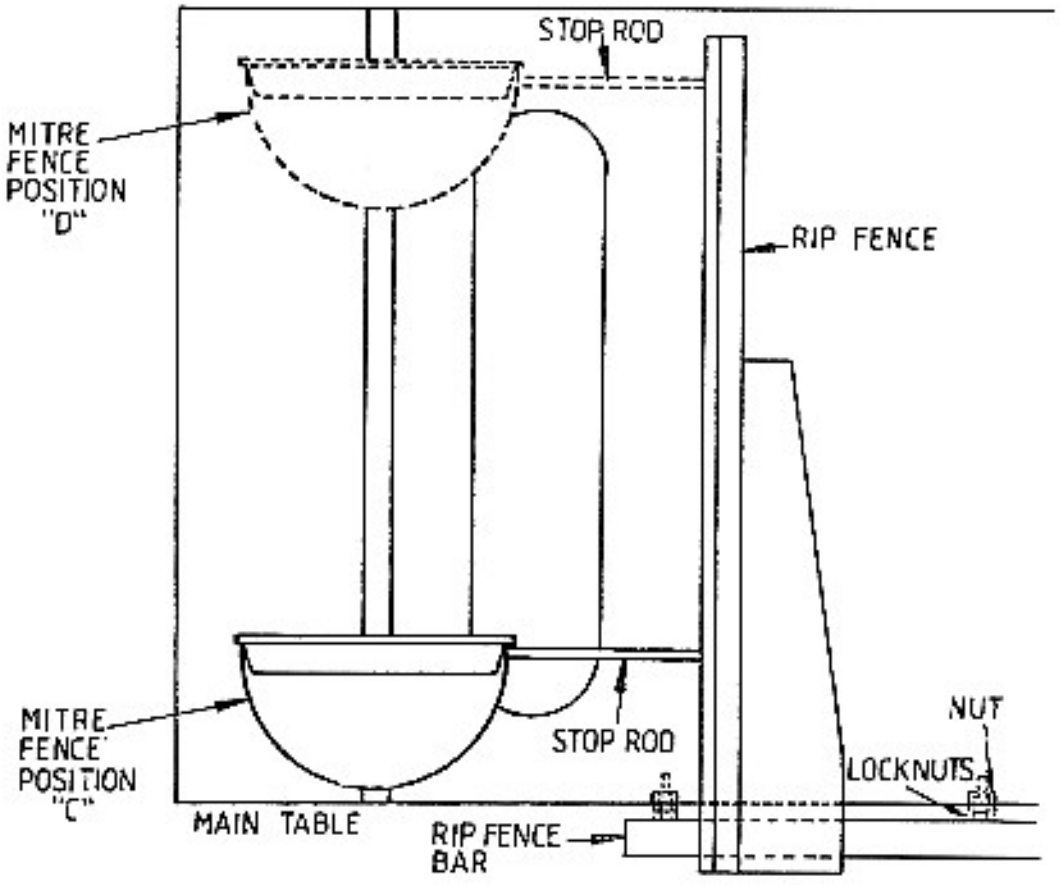

STOP ROD
MITRE
FENCE
POSITION
"D"
RIP FENCE
MITRE
FENCE
POSITION
"C"
STOP ROD
NUT
LOCKNUTS
MAIN TABLE
RIP FENCE
BAR

FIG. 20

7.4 Setting Rip Fence (Continued)

c) Slide rip fence towards table insert (refer to 5.4).

d) Position straight stop rod of mitre fence so that it touches rip fence plate in position "C" FIG.20.

e) Slide mitre fence to rear position "D". Check whether the stop rod touches the rip fence plate.

f) If stop rod is touching, loosen locknuts on the two bolts holding the rip fence bar.

g) Reset rip fence until a lead off of .004"/.006" from position "D".

h) When set retighten locknuts in new position and retighten nut behind main table.

7.5 Setting Saw to Riving Knife

The saw spindle is preset at works and requires no adjusting unless saw is cutting out of line.

a) Isolate machine electrically.

b) Cant saw to 45° (refer to 5.2).

c) Open access door.

d) Loosen hexagon head bolt "E" FIG.21 and tap spindle (with hide face hammer) as required, taking care not to damage the threads on spindle ends.

e) Cant the saw to 90°.

f) Place a steel rule along both sides of riving knife to check saw is central.

g) When set, retighten the hexagon head bolt "E".

h) Close access door.

i) To check this setting, feed a short piece of timber from the rear, along both sides of the riving knife. If riving knife is set correctly, the blade will cut equal shoulders as shown in FIG.22A and when set incorrectly, unequal shoulders as shown in FIG.22B.

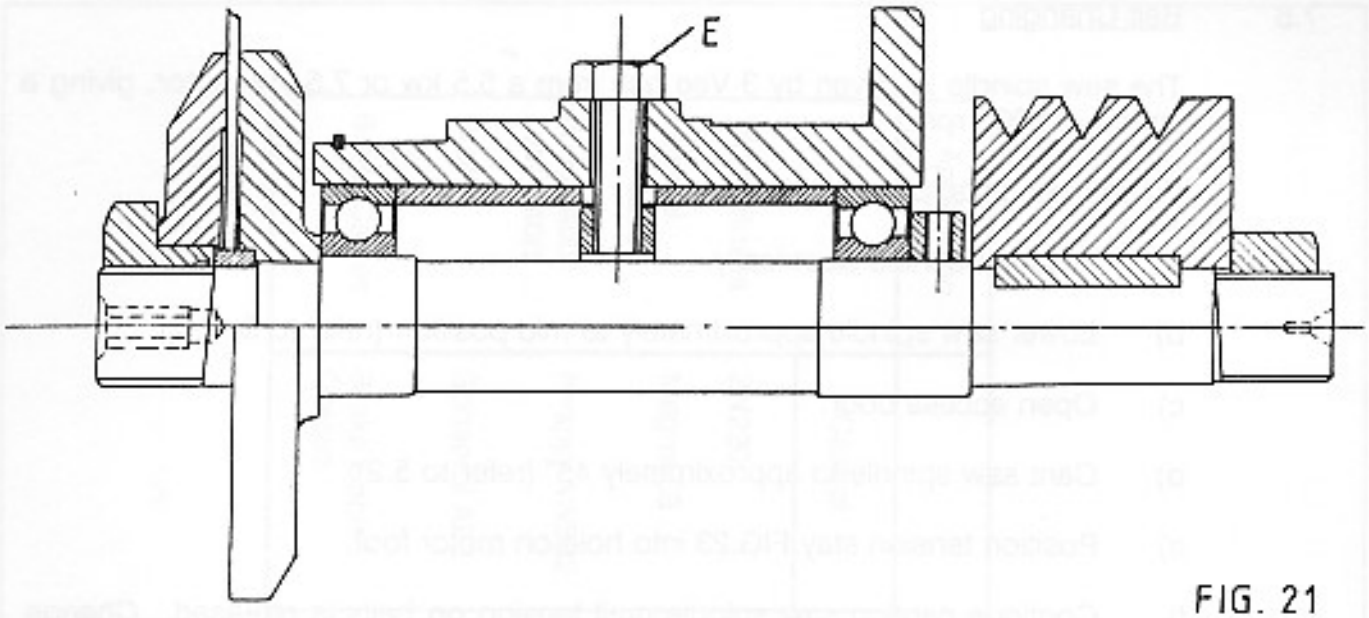


FIG. 21

FIG. 22

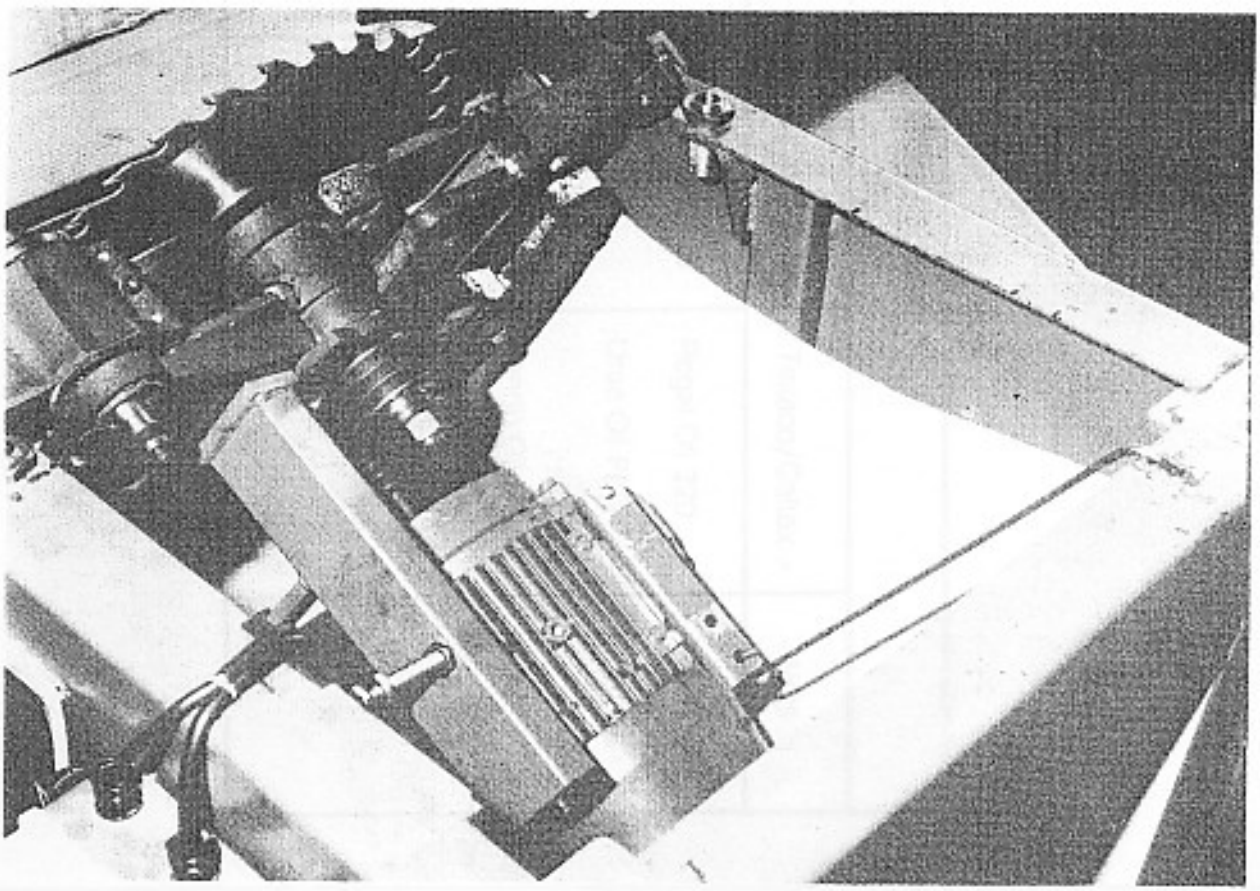


FIG. 23

7.6 Belt Changing

The saw spindle is driven by 3 Vee belt from a 5.5 kw or 7.5 kw motor, giving a speed of 3000 rpm.

To change belts, proceed as follows:-

a) Isolate machine electrically.

b) Lower saw spindle approximately to mid position (refer to 5.1).

c) Open access door.

d) Cant saw spindle to approximately 45° (refer to 5.2).

e) Position tension stay FIG.23 into hole on motor foot.

f) Continue canting saw spindle until tension on belts is released. Change belts.

g) Reverse above procedure.

NOTE: Main table is removed for photographic purposes only.

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 Starfalk Premium 3	L6
Brake Cables	Brake Cable Grease	Energrease L21M	Alvania R3	Esso Multi-Purpose Grease		

8.0 SPARES

8.1 Instructions When Ordering Spare/Replacement Parts

The undermentioned information should be given with all orders requesting spare/replacement parts.

a) Machine type.

b) Machine serial number.

c) Part number of required parts, as stated in the instruction manual.

d) If no manual available, as full a description as possible of the required part, including location within the machine.

e) Order number and full company name and address.

f) Company account number, with Wadkin, if known.

g) All telephone orders must be followed by an official order, clearly marked "Confirmation Order".

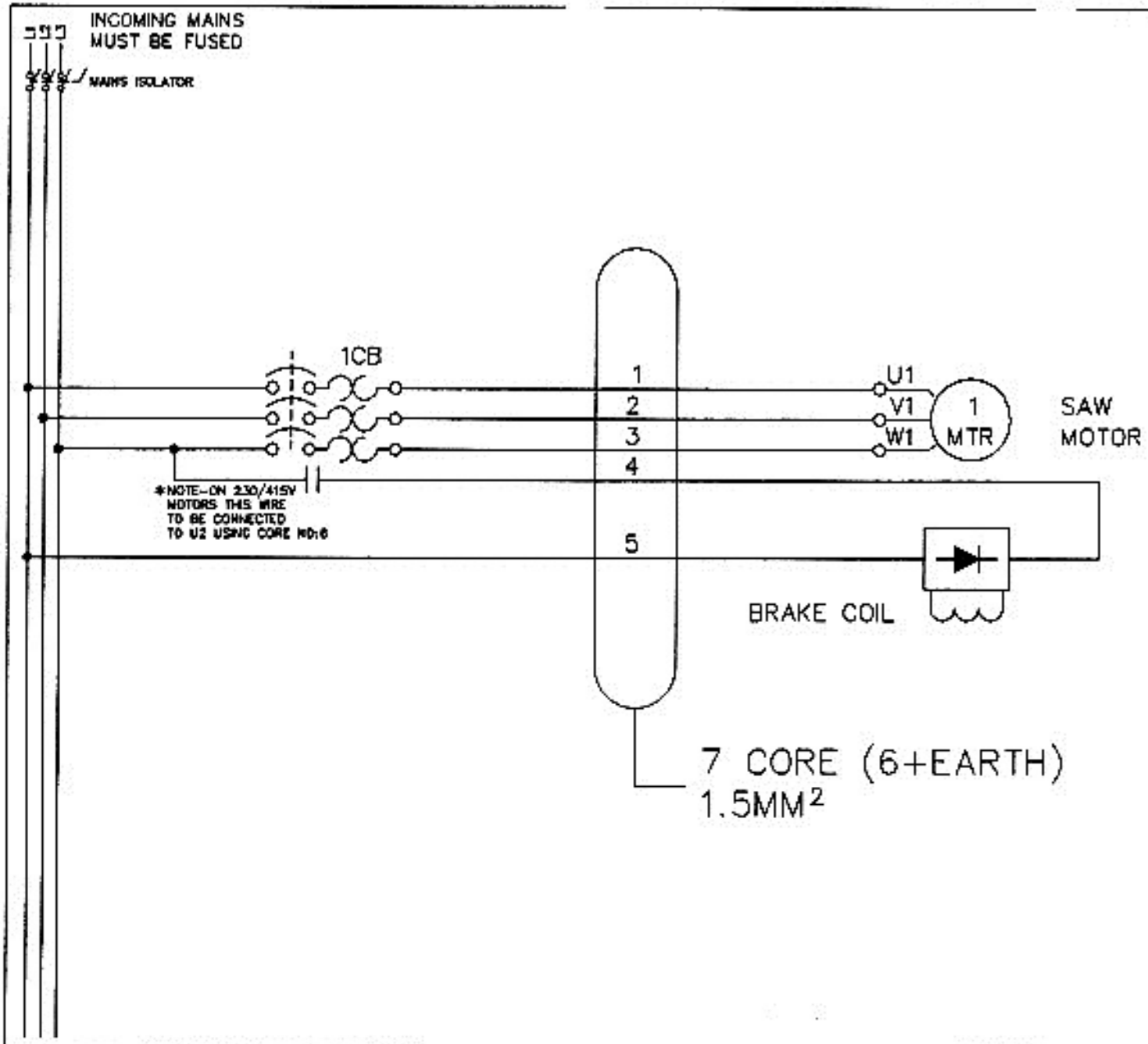
NOTE: The company operate a **'Minimum Order Charge'** on all spare/replacement part orders.

8.2 Sawblades

For best results, we recommend the purchase of sawblades from Wadkin Durham.

400mm dia x 30mm bore alloy rip sawblade	B-S-239
400mm dia x 30mm bore TCT rip sawblade	B-S-382
400mm dia x 30mm bore alloy crosscut sawblade	B-S-240
300mm dia x 30mm bore alloy rip sawblade	B-S-383
300mm dia x 30mm bore TCT rip sawblade	B-S-384
300mm dia x 30mm bore TCT crosscut sawblade	B-S-305

NOTE: **When using 300 diameter sawblade, standard riving S40-18must be replaced by riving knife P32-359 (which can be obtained at an additional charge).**



28 AUG 1997

Wadkin	LEICESTER WOODWORKING DIVISION	Date	Sig.	C	Date	Sig.	B	Date 28/8/97 Sig. KMW *NOTE-ADDED	A	Description AGS/SP WITH BRAKE	Drawn K.MOBBS Apvd R.PATEL Date 31/01/97	Drawing No. D6974 SHEET 01
										CAD Location H:\ACAD\DR\ELECTRO\ELECSYD\D6974SH01 W.O. No		

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Pgm: PN001R
User: ACOWLES

PART NO. ENQUIRY

105 AGS C 250/300 CE 3HP 380/415 EA BO CLELO3

Part No Explosion

D	Part Number	Description	IGC	C	Qty	FL	Gen Arr	P/N RM
Z	K1225808	TELE 4-6.3AMP C/B GV2	BO		1.000			
Z	K1225814	TELE SIDE AUX 1NC/1NO GV2	BO		1.000			
Z	K1225818	TEL U/V TRIP 380-415V/50	BO		1,000			
Z	K1225820	MUSHROOM HEAD LATCH GV-2	BO		1.000			
Z	K1225821	GV2 ENCLOSURE MC01	BO		1.000			
Z	K5117241	KM P1-25/I/SVB LOCKABLE I	BO		1.000			

<-END->

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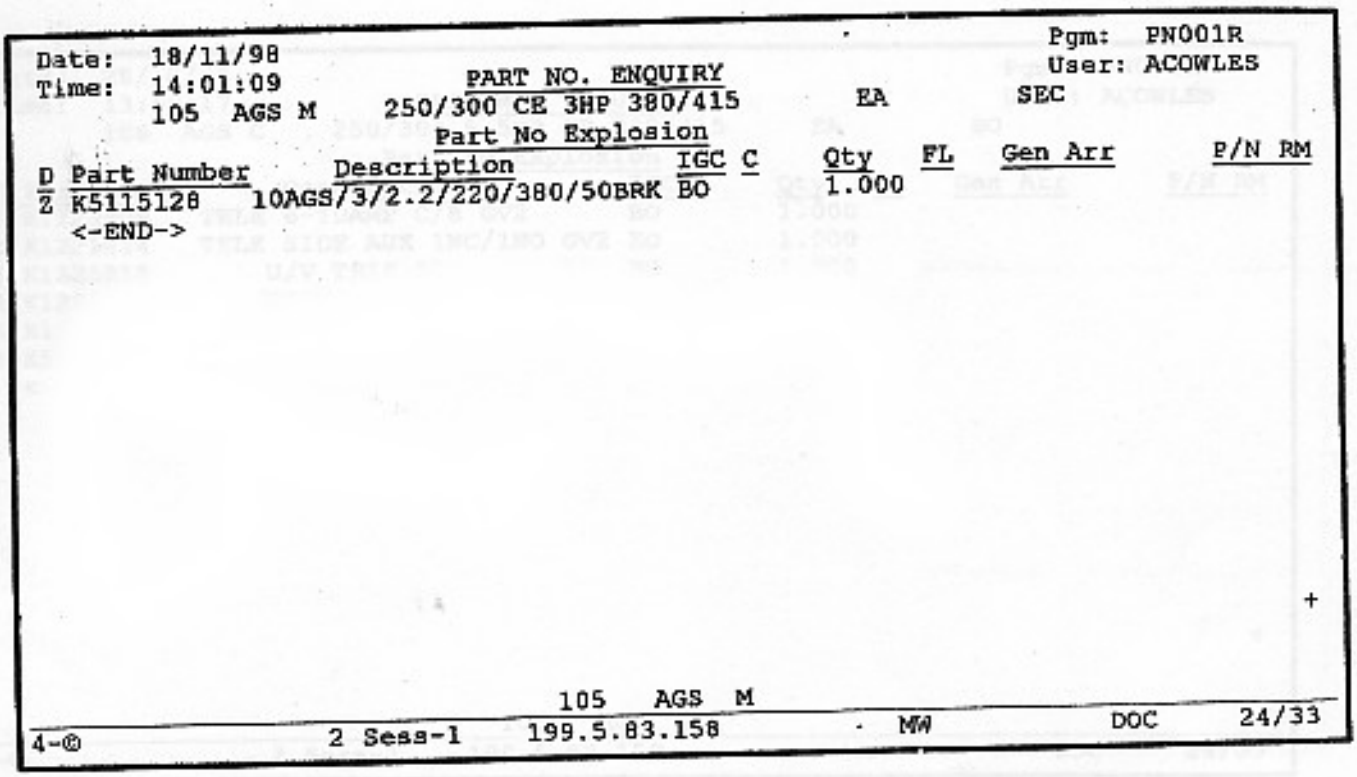
105 AGS C

4-0 2 Sess-1 199.5.83.158 MW DOC 24/33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Part No Explosion
EA
SEC
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User: ACOWLES
D Z Part Number
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IGC C
Qty
FL
Gen Arr
P/N RM
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10AGS/3/2.2/220/380/50BRK BO
1.000
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105 AGS M
4-®
2 Sess-1
199.5.83.158
MW
DOC
24/33

Date: 28/10/98 Pgm: PN001R
Time: 13:59:17 PART NO. ENQUIRY User: ACOWLEG
106 AGS C 250/300 5.5HP CE 380/415 EA BO

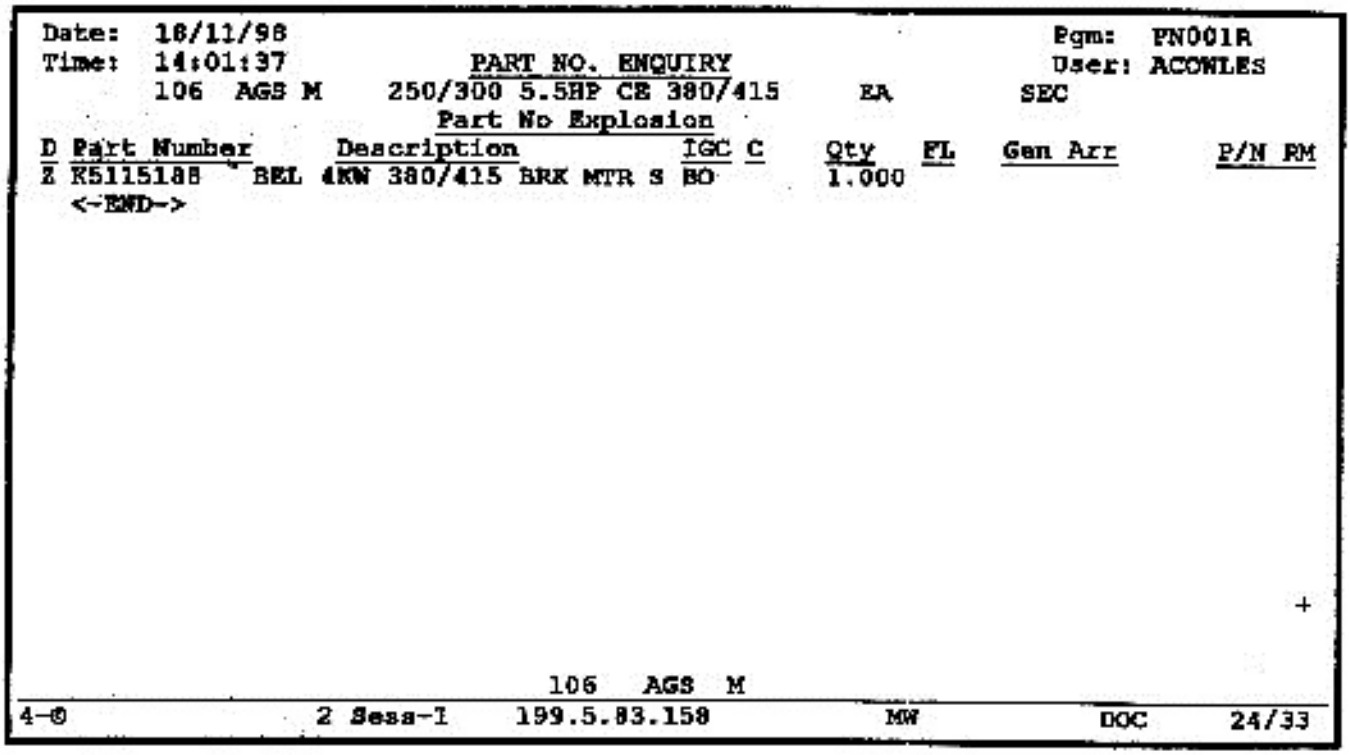
Part No Explosion

D	Part Number	Description	IGC	C	Qty	FL	Gen Arr	P/N RM
Z	K1225809	TELE 6-10AMP C/B GV2	BO		1.000			
Z	K1225814	TELE SIDE AUX 1NC/1NO GV2	BO		1.000			
Z	K1225818	TEL U/V TRIP 380-415V/50	BO		1.000			
Z	K1225820	MUSHROOM HEAD LATCH GV-2	BO		1.000			
Z	K1225821	GV2 ENCLOSURE MC01	BO		1.000			
Z	K5117241	RM P1-25/I/SVB LOCKABLE I	BO		1.000			

<-END->

106 AGS C

4-© 2 Sess-1 199.5.83.158 MW DOC 24/33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Part No Explosion
D Part Number Description IGC C Qty FL Gen Arr P/N RM
Z K5115188 BEL 4KW 380/415 BRK MTR S BO 1.000
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4-0 2 Sess-I 199.5.83.158 MW DOC 24/33

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108 AGS C AGS400 7.5HP CE UK EA BO CLEL04

Part No Explosion

D	Part Number	Description	IGC	C	Qty	FL	Gen Arr	P/N RM
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2	K1225814	TELE SIDE AUX 1NC/1NO GV2	BO		1.000			
2	K1225818	TEL U/V TRIP 380-415V/50	BO		1.000			
2	K1225820	MUSHROOM HEAD LATCH GV-2	BO		1.000			
2	K1225821	GV2 ENCLOSURE MC01	BO		1.000			
2	K5117241	KM P1-25/I/SVB LOCKABLE I	BO		1.000			

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108 AGS C

4-© 2 Sess-1 199.5.83.158 MW DOC 24/33

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                          Part No Explosion
D Part Number      Description                IGC C    Qty   FL   Gen Arr      P/N RM
Z K5115189    BCC 5.5KW 380/415/3/50 BR BO          1.000
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                                    108   AGS  M
4-©              2 Sess-1     199.5.83.158          MW              DOC      24/33
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