

# 8000 Feeder

## OPERATORS MANUAL



Universal Feeding Machine

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## *8000 Feeder*

### **1.0 INTRODUCTION AND SPECIFICATION**

The 8000 Feeder is designed to be used in today's environment of document production, the 8000 Feeder can be used by non skilled personnel by following this easy to use operators guide. We do recommend that you take a little time to read this whole manual, to ensure that you fully understand the machine. We have also included a **TIPS & TROUBLE SHOOTING** section. Be sure to read this section before calling a service engineer to avoid unnecessary expense.

**IMPORTANT** the operating environment should be controlled to a temperature between 16° C and 27° C Maximum.

### **Specification**

Feeding System .....	Bottom suction feed
Max. Sheet Size .....	640mm Long x 460mm Wide
Min. Sheet Size .....	90mm Long x 100mm Wide 90mm Long x 60mm Wide, With optional narrow sheet guide (907-005-01)
Min. Paper Weight .....	56gs
Speed per Hour (A4 Material) .....	5,500 sheets (Max) 84 sheets (Min)

**Note: The production speed varies according to the material size.**

Dimensions .....	L: 1445mm H: 1085mm W: 625mm
Min Feed Height.....	810mm
Max Feed Height.....	980mm
Weight .....	132.5Kgs
Power Requirement .....	1 phase 220 / 240v

## 2.0 Safety Do's & Don'ts

**Do - read this operator manual fully before operating the machine.**

**Do - operate with the designated AC current only. Use an exclusive outlet, as overloading may cause fire or an electric shock.**

**Do - install the power cord out of the way to avoid a tripping hazard.**

**Do - beware of your surroundings when adjusting height to avoid personal injury or damage to the machine and other surrounding objects.**

**Do not - install the machine in an unstable place such that it tilts or shakes.**

**Do not - unplug the plug or unplug the power cord from the outlet with a wet hand, this can cause an electric shock.**

**Do not - unscrew and remove any covers from the machine, as it can cause an electric shock or injury.**

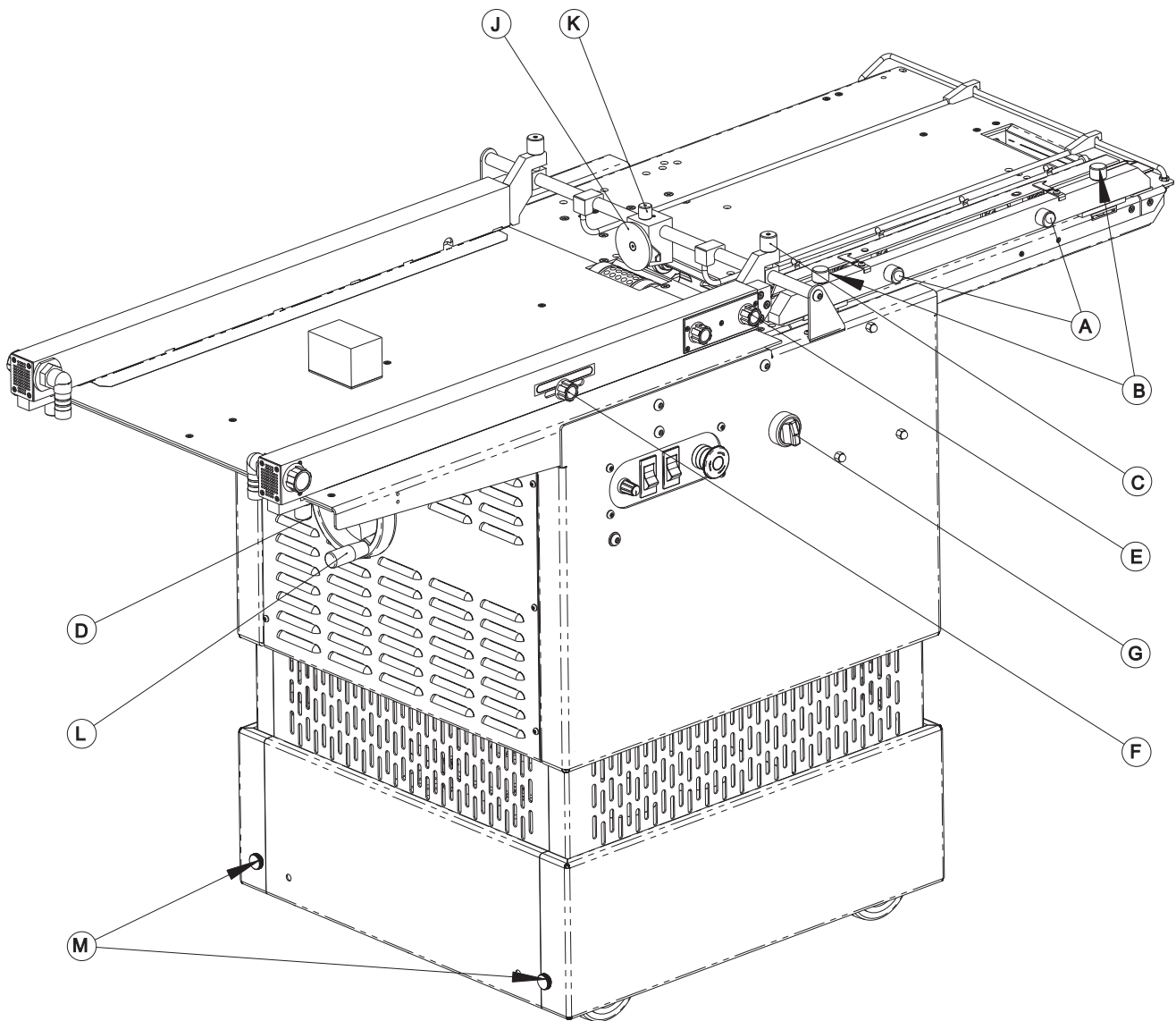
**Do not - place receptacles containing liquids on any surface.**

**Do not - adjust any part of the machine whilst rollers are running**

**Do not - operate the machine with loose or trailing clothing or loose hair.**

**Do not - under any circumstances adjust the paper gate when the machine is switched on.**

**Do not - under any circumstances adjust the height when the machine is switched on.**



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**8000 FEEDER**

**UNIVERSAL  
FEEDING MACHINE**

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## 4.0 SETUP

### 4.1 Side Lay

In setting the machine for a job, it is advisable to start by positioning the side lay to a suitable position (see below). This is achieved by unscrewing the knobs (B).

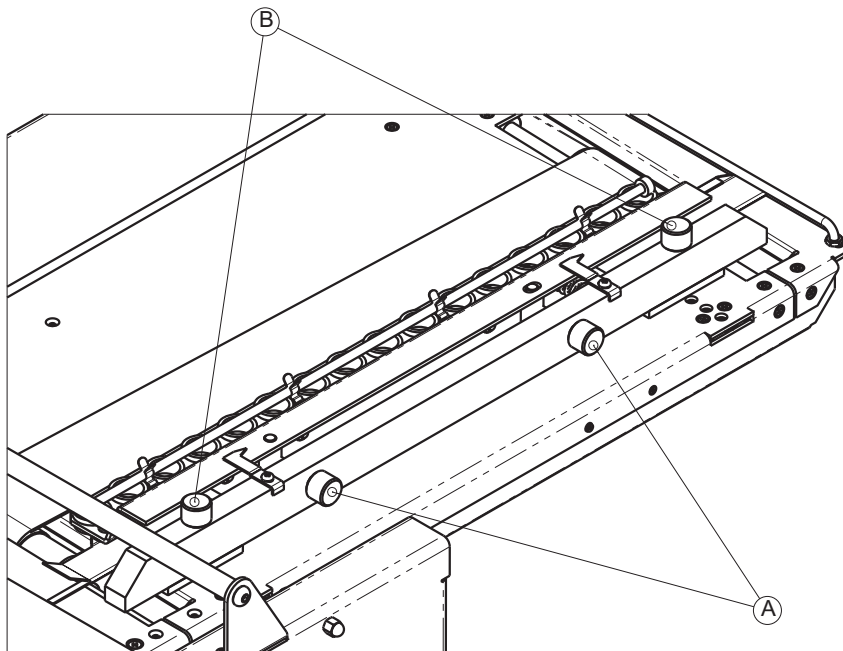
Lift the knobs out of their holes, and at the same time, move the side lay assembly to the desired position. Re-tighten screws, ensuring that the side lay is parallel to the side of the machine.

The side lay is normally set so that the paper is running approximately along the centre of the machine.

The machine is supplied with a mixture of steel and glass balls:

Lightweight paper stocks may require the steel balls to be removed to minimise creasing.

Heavy stocks, and when running a job landscape (i.e. long edge leading) may require the glass balls to be replaced by steel balls to give increased drive on the paper.

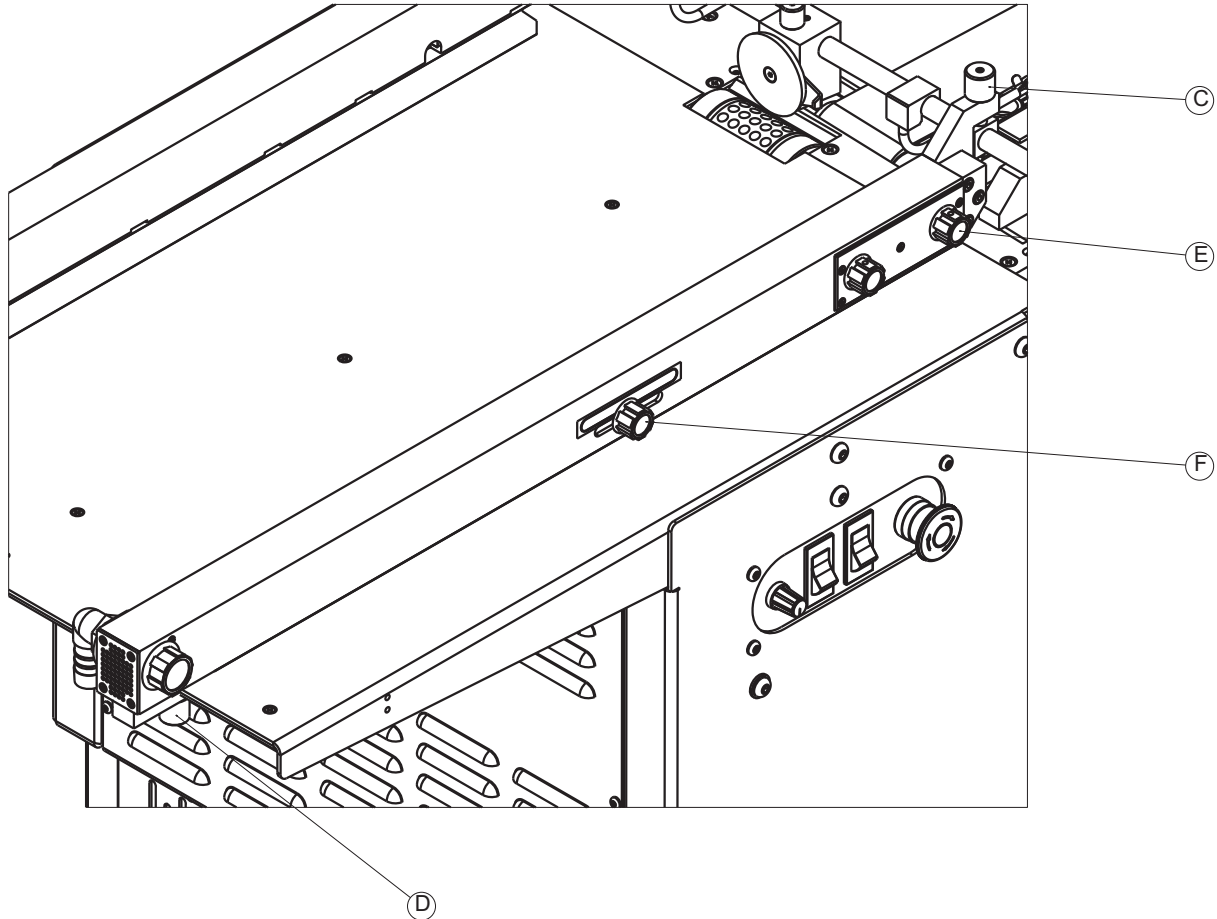


The side lay may be tilted, for folding out of square, by adjusting knobs (A). By turning knobs (A) equally, the side lay may be used for obtaining final sideways setting for perforating, etc. Position one sheet smoother at the free edge of the sheet and the others as required.

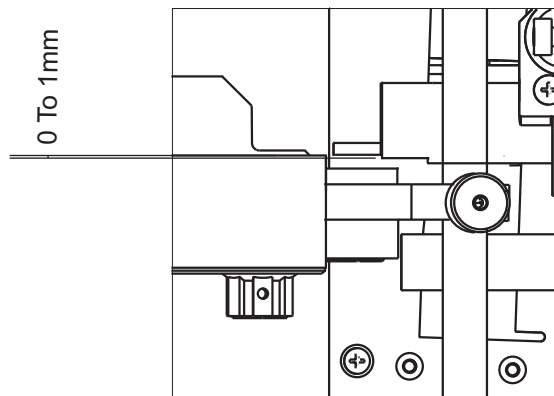


## 4.2 Operator Side Manifold

With the side lay now set in position, move the operator side manifold by loosening knobs (C) and (D).



The manifold should be aligned to the side lay as shown in the diagram below and also aligned equally to the scales on the loading table. Re-tighten screws (C) and (D).



### 4.3 Far Side Manifold

Place a stack of paper on the loading table and set the far side manifold to the paper size:

not too tight -this will restrict the feeding  
not too loose -thus wasting air, giving low pile heights.

### 4.4 Paper Stop Block

Position the paper stop block to the rear of paper stack to hold paper in place.

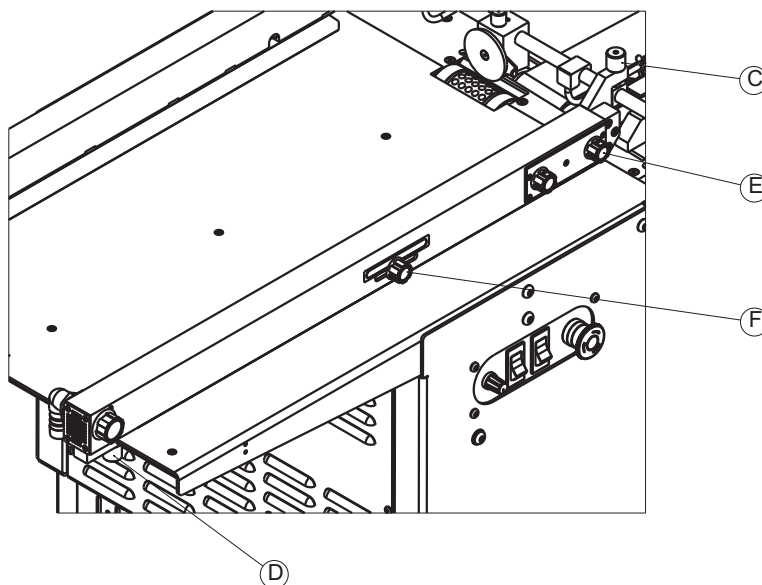
### 4.5 Air Settings

Set the air control knobs (E) on both manifolds to the desired positions:

white dot at 12 o'clock for fully on  
3 o'clock or 9 o'clock for fully off.

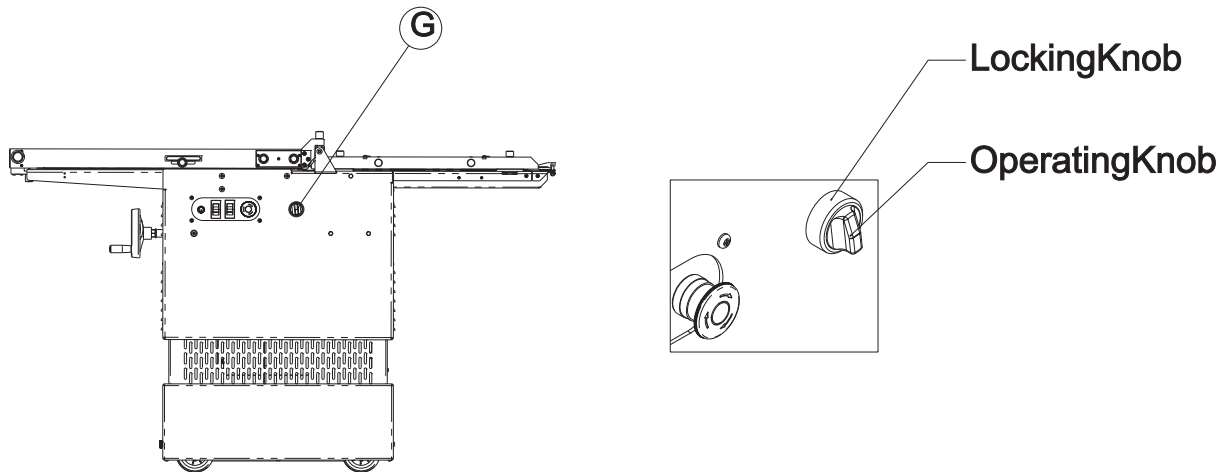
These are normally set in the fully on position, unless running lightweight stocks, carbonless sets, or landscape jobs.

Slide the shuttle valve knobs (F) to the desired position on each manifold according to paper size. The settings A2, A3 and A4 are only a guide. Obviously a very lightweight sheet of A4 will not require the same setting as, for example, a two sheet thickness of A4. Therefore, air can be expelled and lost by setting to A2 and losing the extra air out of these slots.

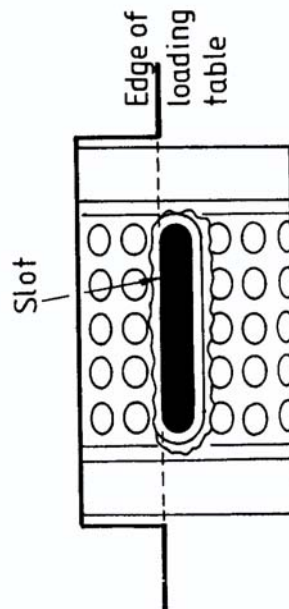


## 4.6 Suction Opening

To set the suction position you need to rotate the knob positioned at “G”  
To do this, release the operating knob by unscrewing the Knurled lock.  
Then rotate the operating knob to the desired position before re-tightening the locking knob.



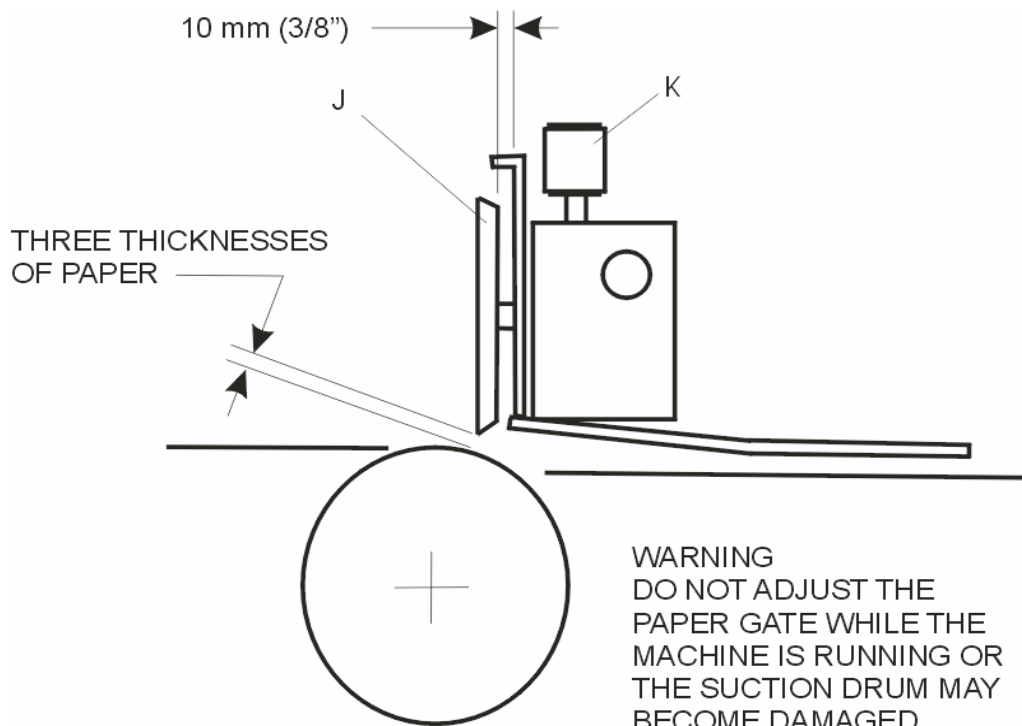
The standard setting for the suction opening is with the back of the slot inside the drum, in line with the edge of the loading table, but may be varied according to the type of paper being run.



### 4.7 Paper Gate

Set the Paper Gate to the correct position. The standard setting for horizontal adjustment of the Paper Gate is 10mm (3/8") away from the mounting block. Turn disc J to make this adjustment. This setting is only intended as a guide, for instance, sheets with an upward curl will require this setting to be increased.

Set the height of the Paper Gate to approximately three thicknesses of paper, by releasing knob (K) and adjusting lever (H). Moving the lever (H) away from the operator, will reduce the gap. An excessive gap is a most likely cause of double-sheet feeding.

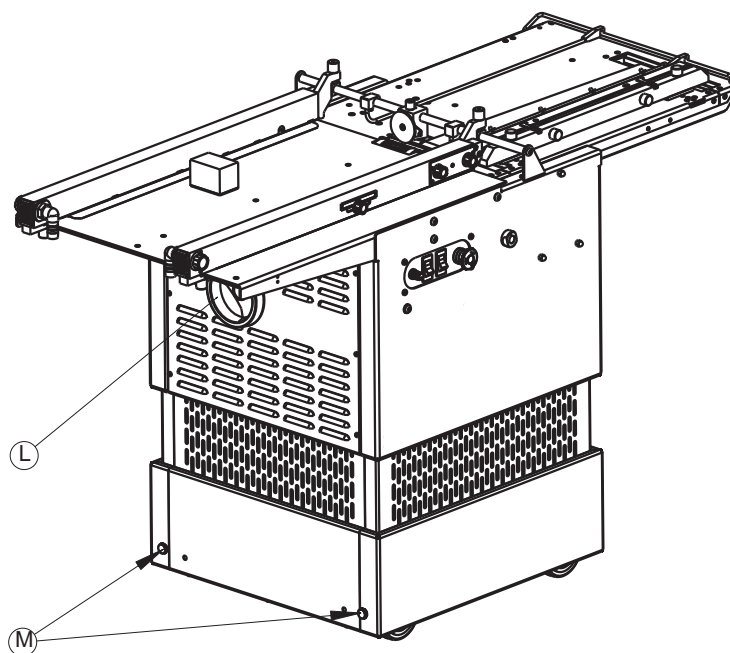


## 4.8 Feed Height

To set the feed height to the desired position rotate the hand wheel (L)

Clockwise for UP.

Anti-Clockwise for DOWN.



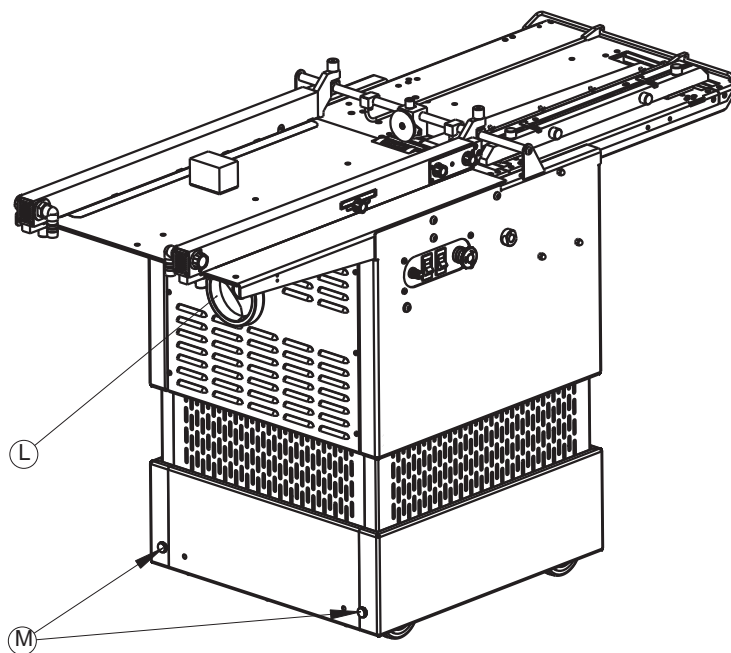
**Note:** Make sure the machine is clear of any machinery/objects before adjusting height as this could result in damage to machinery and personal injury.

**DO NOT** adjust height whilst machine is switched on.

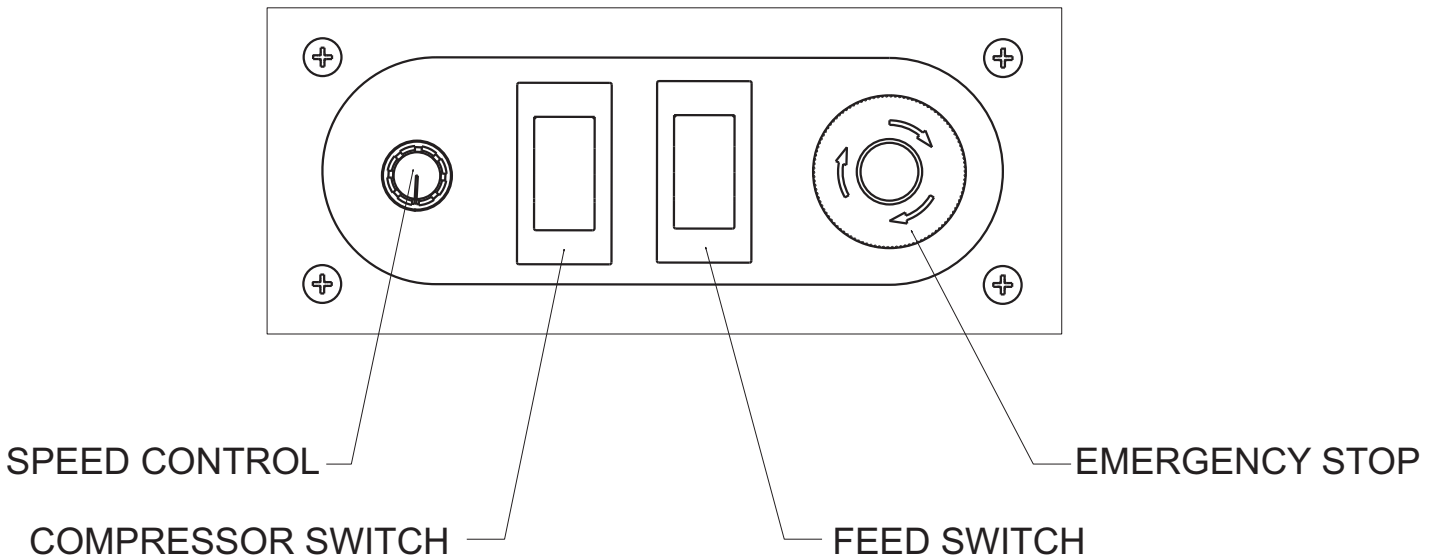
#### 4.9 Brake

Once you have set up and positioned the machine it is advised that you apply the brakes to prevent the machine from moving whilst it is in use.

To apply the brakes, rotate the two knobs (M) at the base of the machine.



## 5.0 Controls



### 5.1 Emergency Stop

This switch also serves as the main isolator and when the machine is switched off at the end of the days running, press this switch to isolate the machine. To switch back on, rotate the switch head clockwise.

### 5.2 Compressor Switch

This switch activates the compressor. By activating this switch the compressor will force air into the manifolds to float the stack and suck the first sheet into position ready for feeding.

### 5.3 Feed Switch

The feed switch starts and stops the rollers from feeding.  
(When the emergency stop switch is activated the feed switch will automatically revert back to its off position)

### 5.4 Speed Control

The machine has a variable running speed, which is adjusted by using the knob. Turn the knob clockwise to increase the speed and anti-clockwise to reduce the speed

## 6.0 MAINTENANCE

The machine has been designed for minimum maintenance; however, the following items will need attention.

- Weekly - The two roller shafts on the feed bed should be cleaned and sparingly oiled
- 6 monthly - The drive motors have carbon brushes with an average life of 1000 hours. These brushes should be inspected periodically, call our Service Department for advice.

The height adjustment is operated by a screw mechanism, this should be inspected for general wear and re-greased periodically to ensure smooth operation, call our Service Department for advice.



## 7.0 TROUBLE SHOOTING

### 7.1 Sheets Difficult to Feed

Check that you have not got too many sheets in the feeder. Heavy-coated will not feed as high a pile as for example 80-gsm copier paper.

Make sure the operator manifold is correctly position against the side Lay

Make sure the far manifold is not pushed too tightly against the paper. Similarly, if the manifold is set too far away from the paper stack, this will allow the air to escape instead of blowing through the paper.

Check that the gap under the papergate is not set too low.

Turn the air control knobs (E) to the highest position.

Make sure that the shuttle valves (F) are set correctly.

Make sure the suction opening in the feed drum is set correctly by rotating Knob (G). The opening should be closer to the papergate when feeding lighter paper.

If the paper width varies you may need to trim the sheets to the same size.

If the paper is curling upwards the suction drum may not be able to pull the sheet downward to wrap around the drum for efficient feeding. You may need to bend the sheets downward prior to loading.

### 7.2 Double Sheet Feeding

Make sure the gap under the papergate is not set too high.

Make sure the air control knobs (E) and the shuttle valves (F) are in the correct position.

## **7.3 No Power to Machine**

Check that the Emergency Stop switch has not been activated by rotating to the right.

Make sure the power lead is securely fitted to machine.

Make sure power lead is plunged into a mains terminal and is switched on.

Check and replace fuse if necessary.

ITEM	PART NUMBER	QTY	DESCRIPTION
1			
2	901-021-01	1	OPERATORS MANUAL
3	13-065-57	1	BACK STOP ASSEMBLY
4	650-040	1	POWER CORD - (EEC)
	650-041	1	POWER CORD - (USA)
	650-042	1	POWER CORD - (NAGEL & FRENCH))

ITEM	PART NUMBER	DESCRIPTION
1	900-07-01	UV ROLLER GUARD - (FOR DIGICOATER)
2		
3	907-005-01	NARROW SHEET GUIDE
4		

**ACCESSORIES....**

....May be obtained from your dealer and fitted to your machine using the instructions supplied, or by reading your operators manual.

**OPTIONS....**

....May also be obtained and fitted by your dealer. You should not attempt to fit options as specialist tools and knowledge are required.

# 8000 Feeder RECOMMENDED SPARES

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PART No.	DESCRIPTION
1-12-01	VACUUM ROLLER ASSY
09-053	BELT CONVEYOR
95-138	P.C.B. - MOTOR SPEED CONTROL
609-012	O-RING
613-023	FUSE - FAST BLOW - 3.15A
613-129	MOTOR BRUSHES (PAIR)
613-241	SWITCH - SYSTEM
613-338	SWITCH COMPRESSOR
903-005-01	MOTOR ASSY
904-015-01	POT & LEAD ASSY

## NOTE....

The items listed above represents parts which are subject to wear, loss, or accidental damage, and is included for your guidance only.

Replacement of parts fitted to your machine require specialist knowledge and should therefore be entrusted to your dealer.

**Technician Maintenance**

It is recommended that your machine is fully serviced at least once every six months by a factory trained Service Engineer.

## PRODUCT RECYCLING & DISPOSAL

### European Union

#### Disposal Information for Commercial Users

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Application of this symbol on your equipment is confirmation that you must dispose of this equipment in compliance with agreed national Procedures.

In accordance with European legislation end of life electrical and electronic equipment subject to disposal must be managed within agreed procedures.

Prior to disposal please contact your local dealer or representative for end of life take back information.

#### Disposal Information for Domestic Users

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Application of this symbol on your equipment is confirmation that you should not dispose of the equipment in the normal household waste stream.

In accordance with European legislation, end of life electrical and electronic equipment subject to disposal must be segregated from household waste.

Private households within EU Member States may return used electrical and electronic equipment to designated collection facilities free of charge. Please contact your local disposal authority for information.

In some Member States when you purchase new equipment your local retailer may be required to take back your old equipment free of charge. Please ask your retailer for information.

### Other Countries

Please contact your local waste authorities and request disposal information.