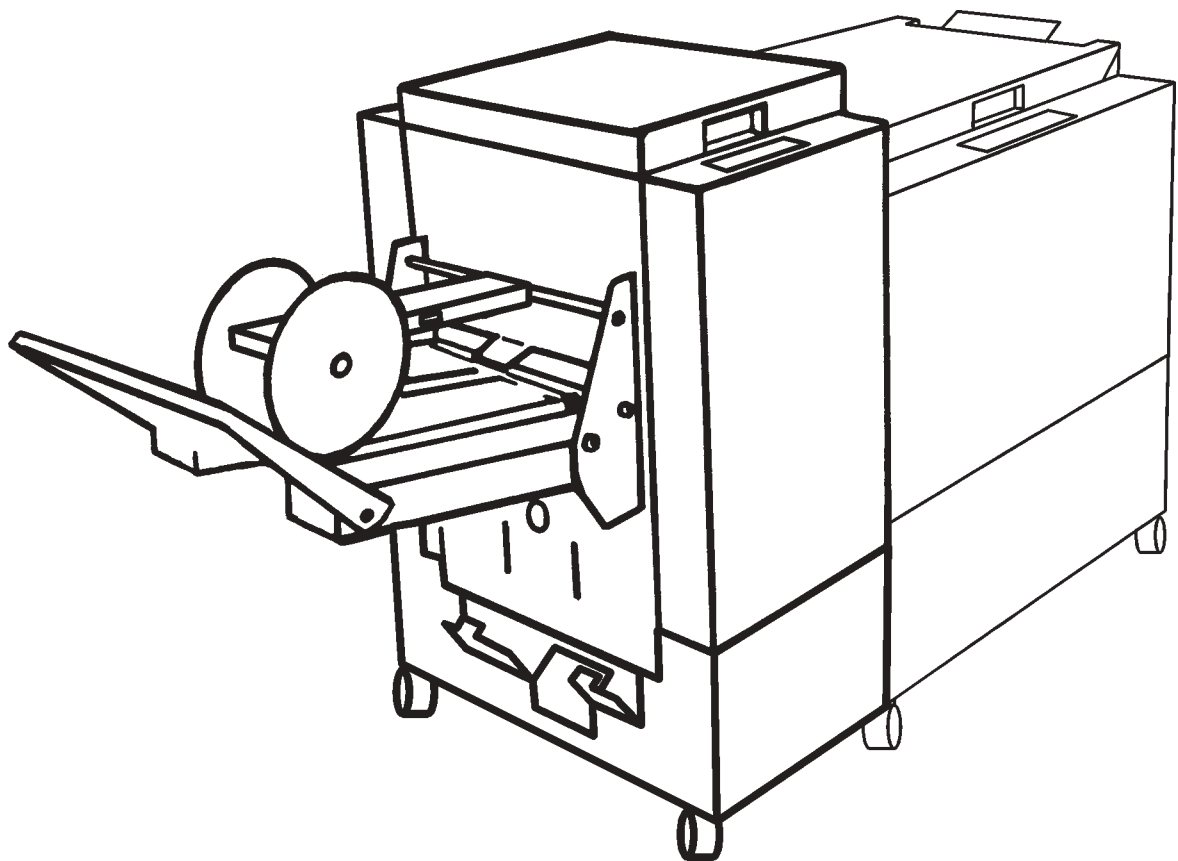

Trimmer Model 89-75
Operator manual



March 1997
Part # 89893

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5. Specifications

1. Introduction

The Model 89-75 is an on-line trimmer for the Model 75 stapler folder. It allows the making of clean-cut, stapled folded sets even on thick booklets, or to give your ordinary booklets a more professional appearance. These instructions do not cover the installation to the Model 75. That is described in the installation instruction p/no. 89806.

Operational safety

Attention to the following notes ensures the continued safe operation of your equipment.

Always connect the equipment to a properly grounded power source receptacle. If in doubt, have the receptacle checked by a qualified electrician.

Warning Improper connection of the equipment grounding conductor can result in electrical shock.

Always follow all warnings marked on, or supplied with, the equipment.

Always locate the equipment on a solid support surface with adequate strength for the weight of the machine.

Never use a ground adapter plug to connect the equipment to a power source receptacle that lacks a ground connection terminal.

Never attempt any maintenance function that is not specifically described in this documentation.

Never remove the covers or guards that are fastened with screws.

Never install the unit near a radiator or another heat source.

Never override or “cheat” electrical or mechanical interlock devices.

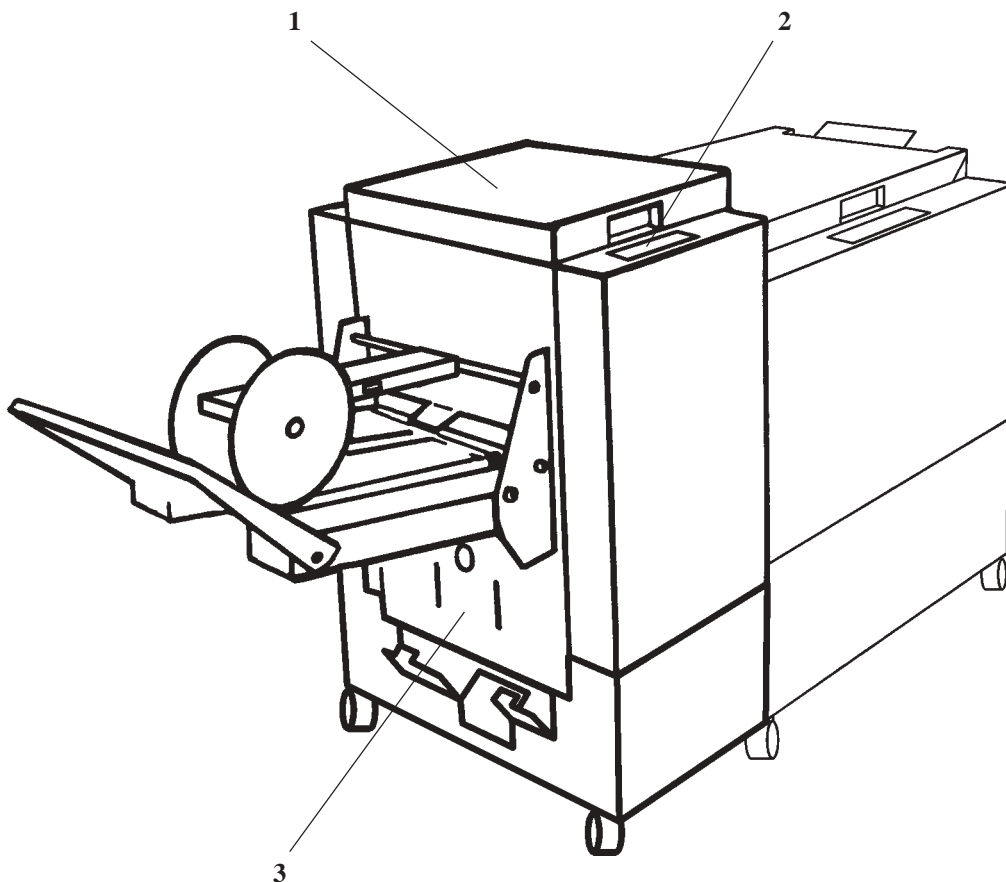
Never operate the equipment if you notice unusual noises or odours. Disconnect the power cord from the power source receptacle and call your customer service engineer to correct the problem.

2. Getting to know the Model 89-75

The Model 89-75 is designed to be connected with the Model 75. The Model 89-75 is equipped with a motor driven and motor adjusted paper stop to ensure reliable and flexible usage.

Take a few minutes to become familiar with the components of the Model 89-75.

2.1 Main components



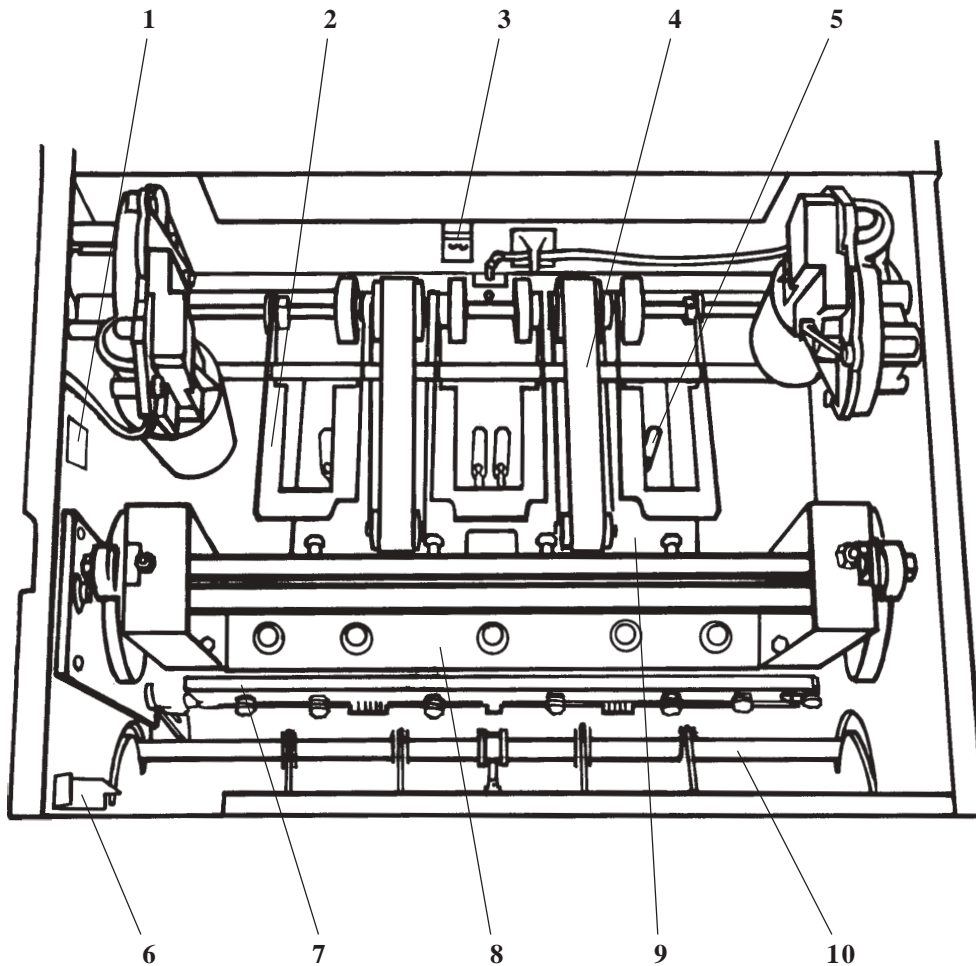
1 Top cover

2 Control panel

3 Scrap paper bin

Main components continues

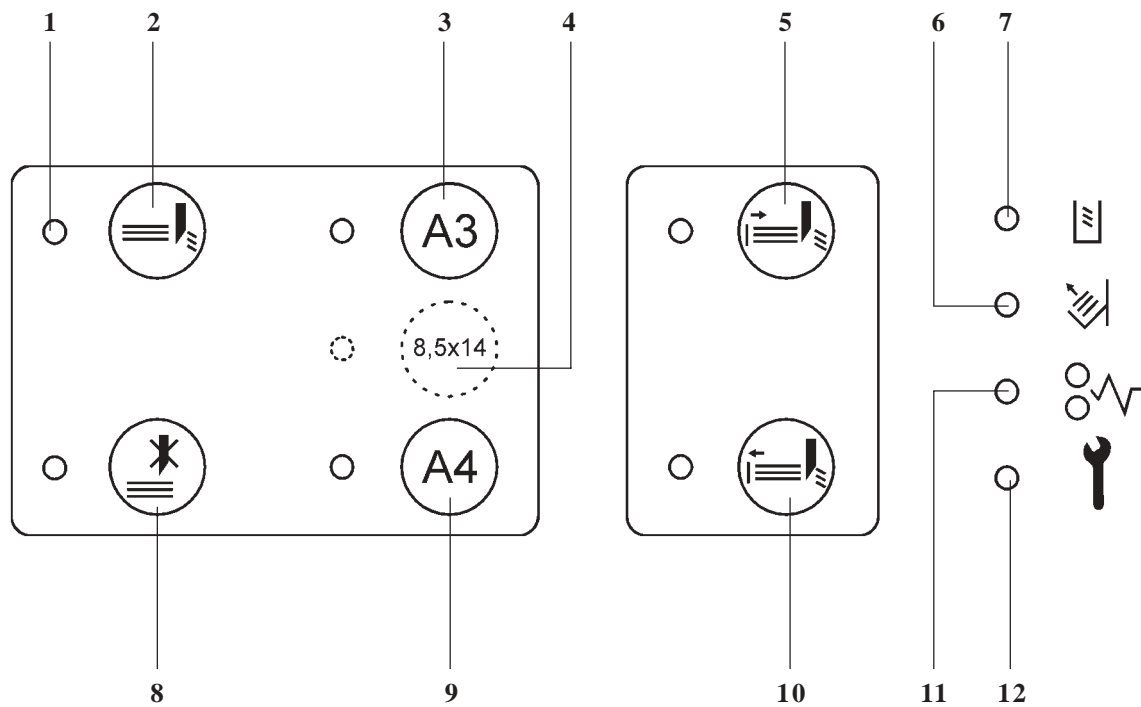
The Model 89-75 interior has parts that you will come in contact with if paper jams occur.



- | | |
|-----------------------------|-----------------------|
| 1 Total set counter | 6 Infeed latch |
| 2 Exit compressing brackets | 7 Upper knife |
| 3 Outfeed latch | 8 Upper knife beam |
| 4 Transport belt | 9 Deck plate |
| 5 Trimmer stop | 10 Input roller shaft |

2.2 Control panel

The control panel consists of selection buttons and status indicators.



1 Mode indicator LED

2 Trimmer mode

3 A3/17" size

4 14" size (60Hz models)

5 Decreased cutting margin

6 Stacker full indicator

7 Scrap paper bin full indicator

8 By-pass mode

9 A4/11" size

10 Increased cutting margin

11 Paper jam indicator

12 Dull knife indicator

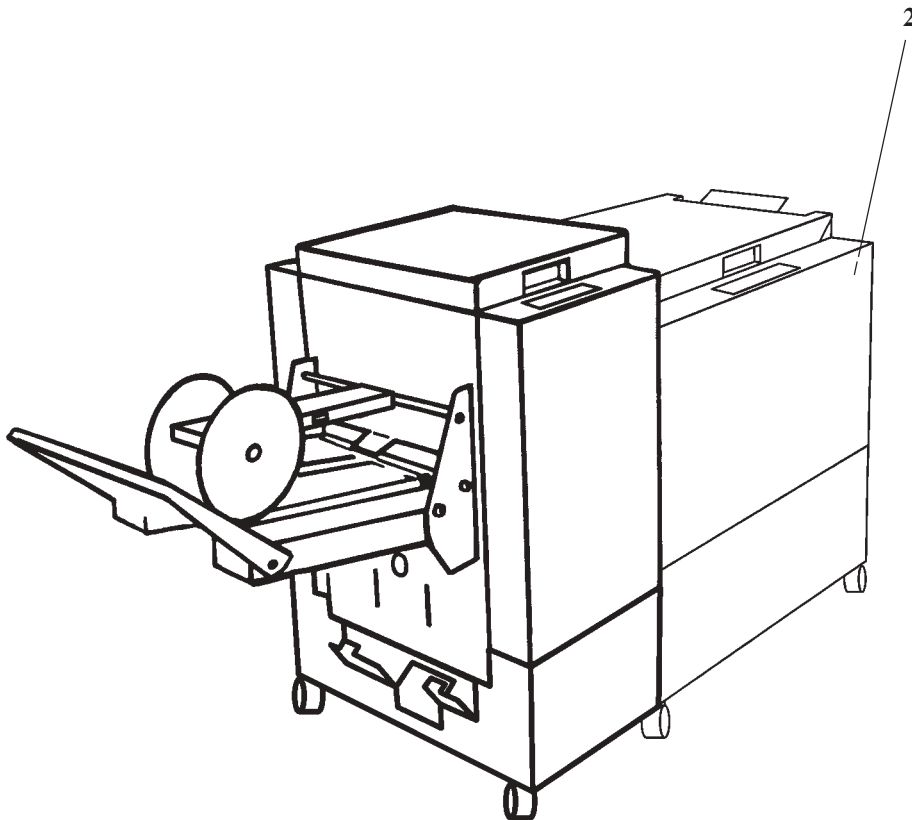
3. Operator instruction

3.1 Switching on the Model 89-75 power

This chapter explains the operation of the Model 89-75 when operating on-line with the Model 75.

1 Plug the Model 75 into the wall outlet.

2 Set ON/OFF switch on Model 75 to ON position. The Model 89-75 is automatically set to by-pass mode.



3.2 Setting up the Model 89-75

The Model 89-75 has a pre-set cutting margin of 4mm when selecting a paper size button on the operating panel. This can be increased or decreased by pressing the adjustment buttons. The maximum cutting is 10mm.

Select a paper size

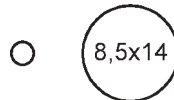
1 Press this button for A3/17" sheet size.



2 Press this button for A4/11" sheet size.



3 Press this button for 14" sheet size.



NOTE: Allow 10 seconds adjusting time

Select operating mode

4 Press this button for trimmer mode



5 Press this button for by-pass mode



NOTE: If a jam occurs in the Model 89-75, it will automatically switch to by-pass mode. The control panel will however still be indicating trimmer mode. When the jam is cleared and top cover is closed, the Model 89-75 will return to trimmer mode.

3.3 Adjusting the cutting margin

The pre-set sizes are set for an approximately 4mm cut of the middle sheet of the booklet. This can easily be adjusted by pressing the adjustment buttons to increase or decrease the cutting margin. By pressing and holding the button down the trimmer stop will move continuously, if pulsing the button the trimmer stop will move for approximately 0,5mm.

Adjustments

1 Press this button to increase the trim



2 Press this button to decrease the trim



NOTE: Use the below table as a reference when setting the cutting margin.

Number of sheets per booklet	Amount of trim	Adjustment procedure
2 through 5 sheets.	4 mm.	Default setting is 4 mm. No adjustment required.
6 through 10 sheets.	5 mm.	Press the adjustment button two times to increase the trim.
11 through 15 sheets.	6 mm.	Press the adjustment button four times to increase the trim.
16 through 20 sheets.	7 mm.	Press the adjustment button four times to increase the trim.

3.4 Status indicators

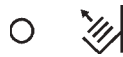
When a status indicator comes on it does not usually require a service call. After the condition is corrected, you may continue production.

Indicators

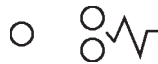
1 Scrap paper bin full. Empty scrap paper bin.



2 Belt stacker full. Empty belt stacker.



3 A paper jam has occurred in the trimmer paper path.
See section 4 **Problem solving** for reference.



4 The trimmer knife has taken too long to complete the trimming cycle.
Open and close the top cover. If the indicator light stays on, call your service representative for service.



4. Problem solving

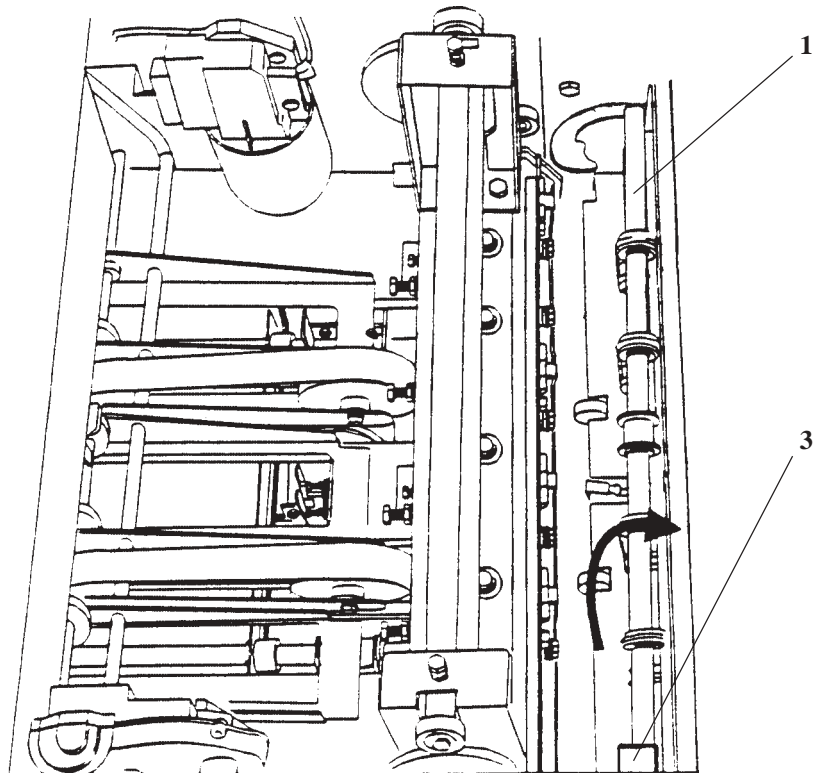
This chapter explains how to clear a jam that may occur during the operation of the Model 89-75. After clearing a jam, close the top cover and continue the production.

4.1 Clearing jams

The upper trimmer blade on the Model 89-75 is protected by a knife protection plate that moves away during the cutting stroke. Jams can occur in the input area or the exit area.

Input area jam clearance

- 1 Lift up the input roller shaft.
- 2 Remove the jam in the input area.
- 3 After the jam is removed, lift the latch and place the input roller shaft into operating position.



Clearing jams continues

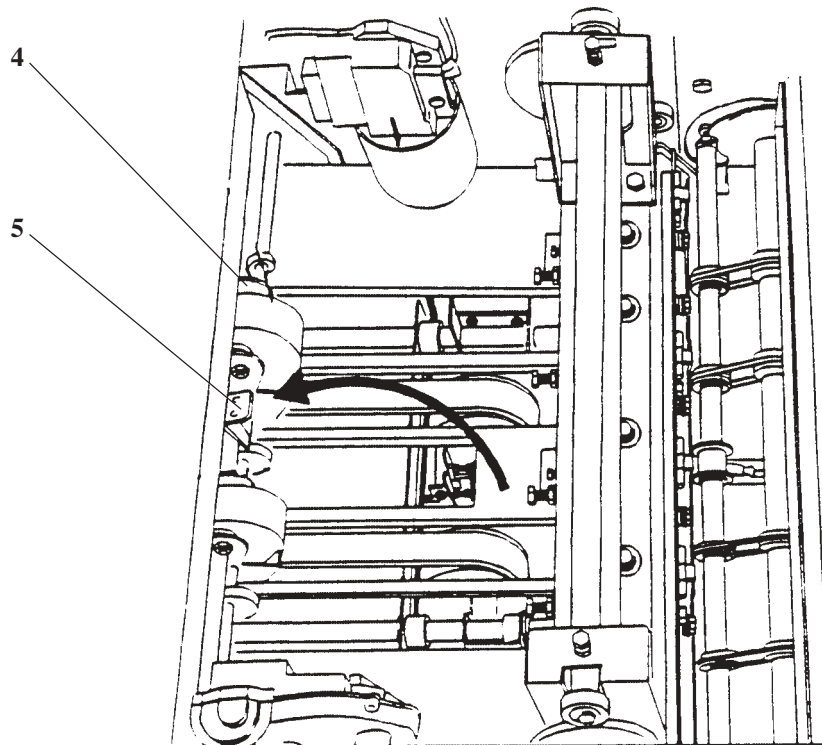
Exit area jam clearance

4 Lift the exit compressing brackets.

5 Secure them under the latch.




6 Remove the jam from the exit area.

7 After the jam is removed, lift up the latch and place the compressing brackets in operating position.



4.2 Troubleshooting table

Use the below table as reference to solve problems that may occur when operating the Model 89-75.

PROBLEM	POSSIBLE CAUSE	ACTION
Trimmed scraps are coming out of the model 89-75 and on to the belt stacker.	Trim width too small.	Increase the trimming.
Scrap paper bin indicator stays on after bin has been emptied. 	A trimmed piece may be caught in paper chute.	Remove piece from paper chute.
The jam indicator light stays on after jam is cleared. 	The input roller shaft may be in upper clearance position. The exit roller and compressing brackets may be in upper clearance position.	Release the input roller shaft latch and place the shaft in operating position. Release the exit compressing brackets latch and place them in operating position.
The trimmer knife indicator light is on. 	The booklet may be too thick.	Check that the booklet does not contain more than 20 sheets of 80 gsm (20 lbs) paper.

5.

Specifications

Trimmer Model 89-75

Paper weight minimum	60 gsm
Paper weight maximum	200 gsm
Maximum paper size width	303 mm
Maximum paper size length	446 mm
Minimum paper size width	210 mm
Minumum paper size length	279 mm
Capacity	20 sheets of 80 gsm (20lbs) 80 pages
Speed	1800 sets/hour
Operating	Preset standar paper sizes and "press button" adjustments to fine tune customer choosen sizes
Preset programmes 60 Hz machines	11" paper size 14" paper size 17" paper size
Preset programmes 50 Hz machines	A3 paper size A4 paper size
Output tray	Conveyor belt stacker
Height	920 mm
Width	595 mm
Depth	350 mm
Weight	68 kg
Voltage	220 V/230 V/240 V, 50 Hz 115 V, 60 Hz

The machine design and specifications are subject to change without notice.