

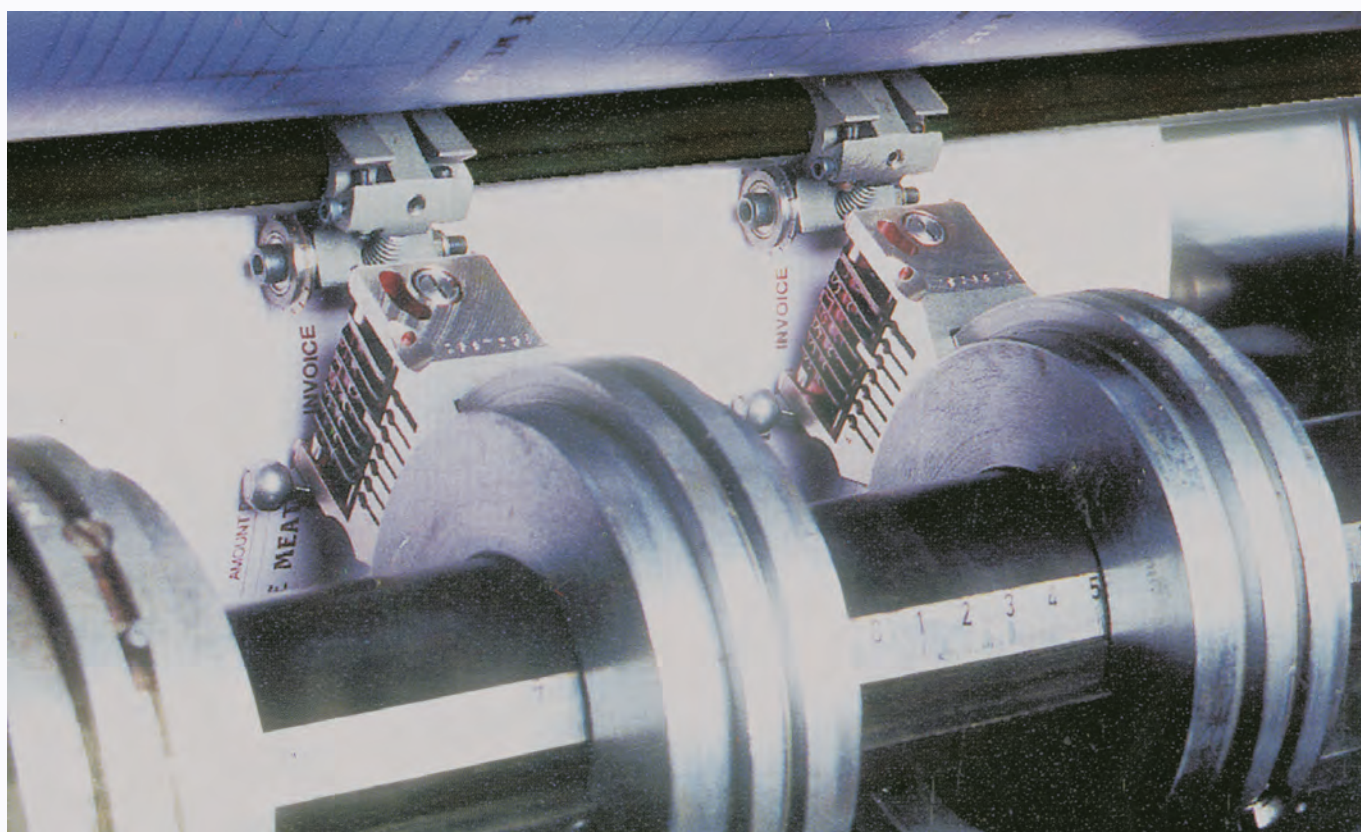
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**PRESS PARTS Main Distributor of**

# ***“Perforation Perfection”***

**The new Linear Perforation Device for your  
GTO 46/52 - Speedmaster 52 - Printmaster 52**

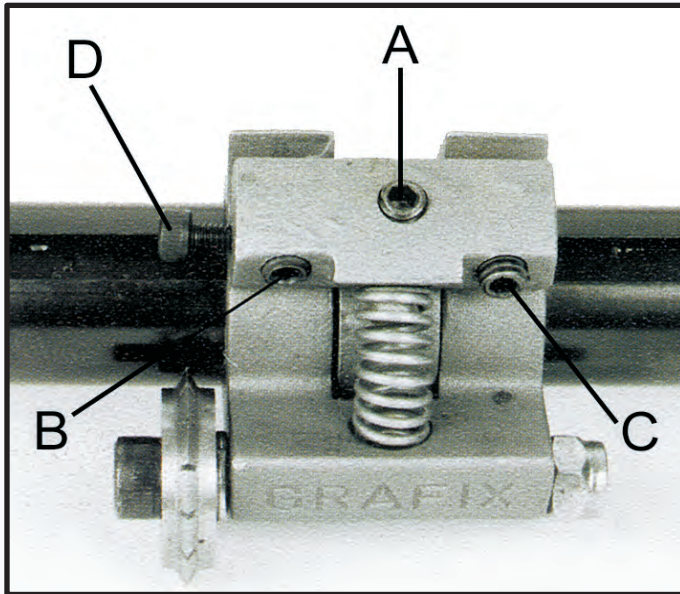


This unit fits where the smoother bar normally fits. The side brackets are removed and new ones (slightly modified) are fitted. Your smoother bar can still be used if necessary, because the unit is positioned close to the impression cylinders, the back edge of the sheet is still being held by the cylinders and therefore cannot move. This prevents the perforation “running off” therefore the perforation stays perfectly straight at all times.

The Perforator Head Is completely out of the way of the numbering unit, therefore you can now number as close to the perforation as you wish, because the perforator head is now positioned above the numbering unit and not on the usual bars below. This leaves the whole of the normal mounting bars free to mount the changing arms, so this eliminates the need for magnetic arms, and the need to run the job through twice.

## The Perforation head is easily set -

1) Undo screw A and move unit along shaft. Lock into new position.



- 2) Set cutting wheel height by using screw B.
- 3) Lock screw D onto screw B. This prevents the height setting altering during run.
- 4) At end of run raise the wheel by using screw C. This prevents the wheel cutting whilst not in use and you do not have to keep resetting the height adjuster, do not lift the wheel off any more than necessary or permanent damage to spring may occur



*Figure A  
Heidelberg Cutting Wheel*

*Note flat angle of ground edge approx. 47°*



*Figure B  
Graftix Cutting Wheels  
are ground to a much  
sharper angle approx. 22°*

As you will see by the diagrams above, Graftix Cutting Wheels are ground to a much sharper angle. This gives the wheel more cutting power.

They do not require as much spring pressure to cut through the stock. In fact the pressure required is less than 1/6th of the pressure required for the Heidelberg or Herben perforator to do the same job, because the Graftix wheels are extremely sharp. This in turn saves the jacket. You can relate to this by cutting a sheet of paper with a scalpel on a sheet of steel. The steel will hardly be marked.

***Your Cylinder Jacket will last 15 - 20 times longer.***

In a nutshell ... ***“Perforation Perfection”***

Is the perforating/slitting device that has  
***“No Equal”***

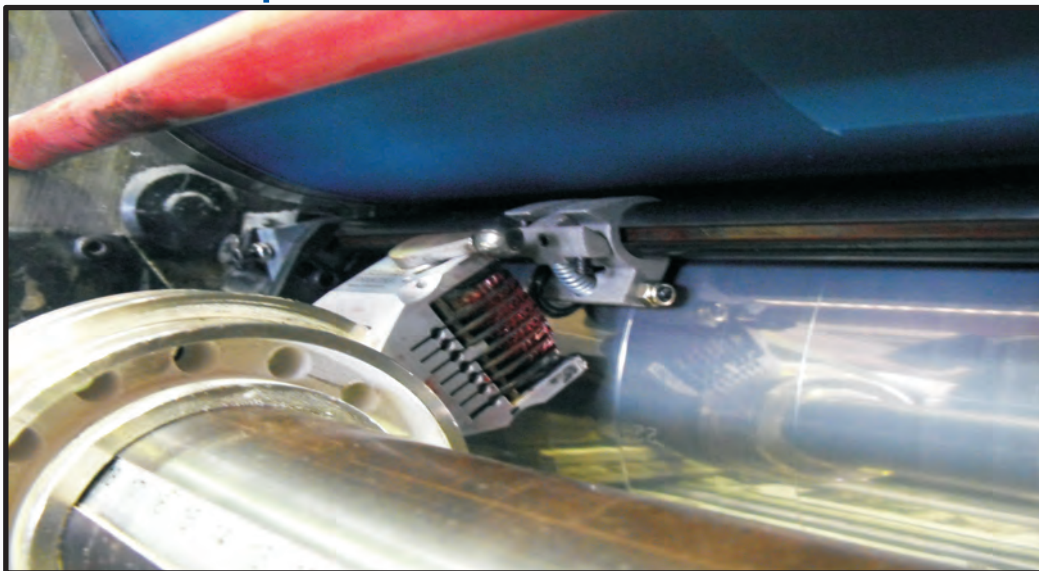
- Takes only 30 seconds to position.
- Perforates perfectly straight and parallel and as close as 5mm from edge of stock.
- Can be left on the machine when not in use.
- Does not obstruct positioning of cams or numbering boxes
- Jackets last 15 - 20 times longer.

Introducing the all new

## **SM 52 Linear Perforation System**

This new addition to our range of perforation systems eliminates the need to install new brackets to your SM52. Simply remove the sheet smoother guard & install the perforation unit into the existing brackets on your machine. This unit comes to you preset on a jig and should only need minor adjustment.

**For more details please refer to “ SM52 Installation Instructions”**



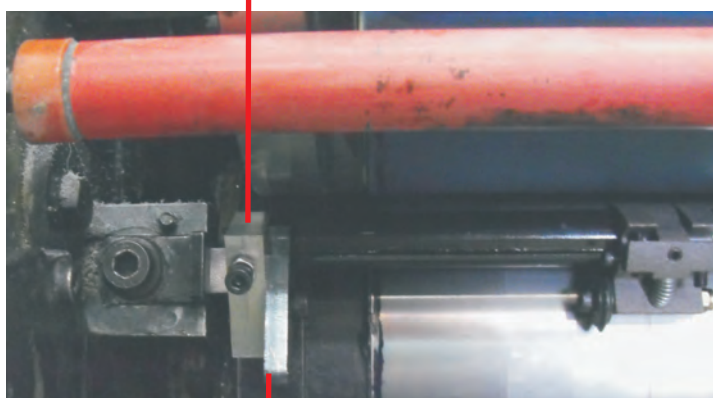


# Fitting Instructions for SM 52

(to be used in conjunction with GTO instructions)

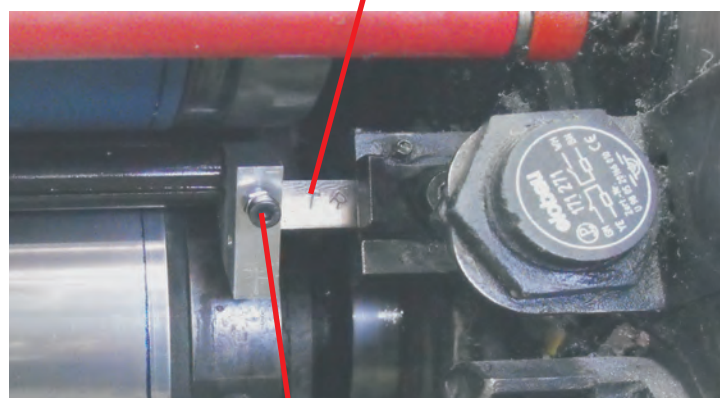
Remove sheet smoother guard & fit unit into the brackets making sure that the brackets are clean as any build up of ink etc. will effect the accuracy of the unit.

## Overall view of SM 52 Cylinders showing positioning of the GRAFIX Perforation unit



The bracket with the smaller bar & the forked adjuster goes to the left side as you look at the machine.

This forked trigger adjusts spring tension see GTO Setting Instructions.



The bracket with the larger end fits into the right hand side, if fitted the wrong way damage may occur to the unit & the machine.

Locking screws These lock shaft after correct pressure has been set.

**\*** Please note the 5mm set screw in the end of each bracket. On a few occasions the latches have been strained, by turning these set screws out SLIGHTLY until a firm tight fit can be obtained.

From this point on all settings as per GTO manual. Fig 11 to 15