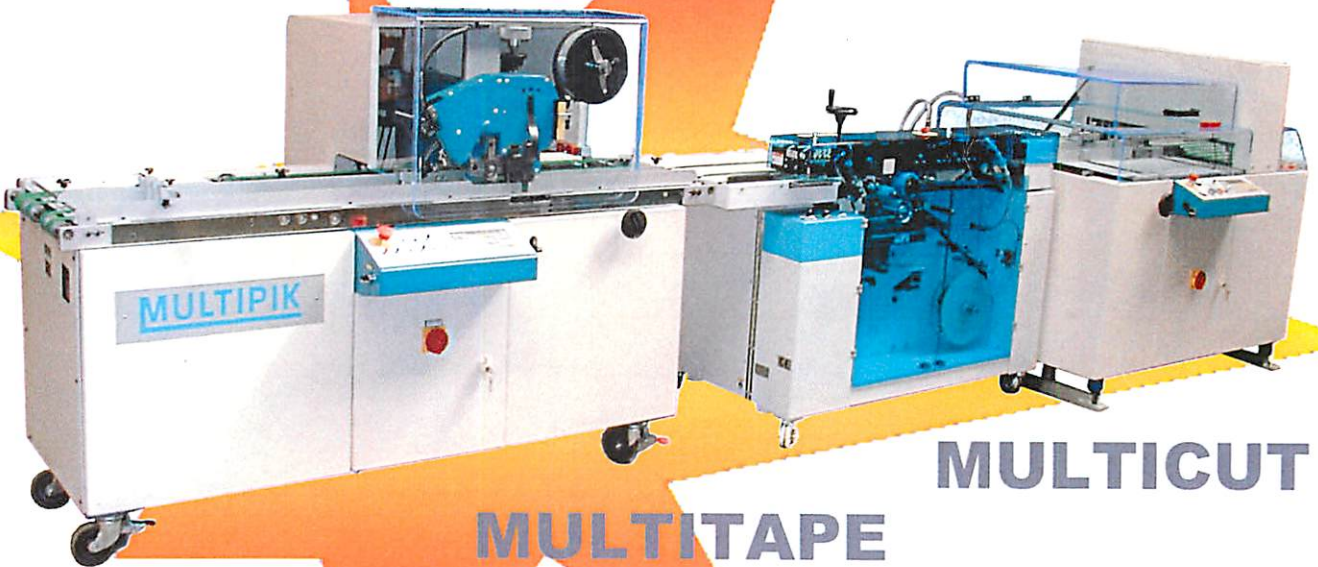


PIERRE CALLET

MATERIELS & FOURNITURES GRAPHIQUES

FINISHING LINE PIERRE CALLET



MULTIPIK

MULTITAPE

MULTICUT

www.pierre-callet.fr

MULTIPIK 450 P

This automatic stitching machine designed and manufactured by the Company Pierre CALLET widely used in EUROPE, is penetrating now into some numerous countries in the world, giving fully satisfaction to customers specialized in production of pads, chequebooks and other stitching works under their various forms.

The **MULTIPIK 450 P** is noticeable by :

- Its stitching head able to stitch until a thickness of 20 mm (25 mm possible)
- The rapidity and simplicity of the setting up and starting
- Its efficacy on small and large serials independently of the pad size
- Its production average per hour, from 600 to 1000 pads and more according with the size and the stitches number
- Its capacity to make until 20 stitching points and more depending of the model choiced, and that by thanks of the automat programmable which fit it.

This programm allow to keep 30 different jobs in memory, very simple to use and insuring a perfect accuracy in the stitching points positionning. The **MULTIPIK 600 P** similar to the model **450 P** is offering a stitching possibility on a length of 600 mm.

MULTIPIK 600P



Placed in upstream of a **MULTIPIK** machine, allows to feed this one continuously, the rate being controlled, cycle by cycle by the **MULTIPIK** machine.

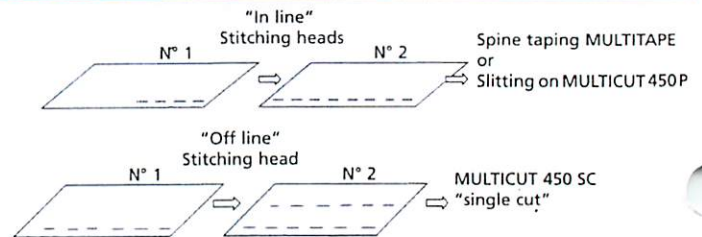
The step by step motion also means that a second operator can precollate or insert sheet.

FEEDIND CONVEYOR FC 45 & FEEDER MAFP



MULTIPIK D 450 P

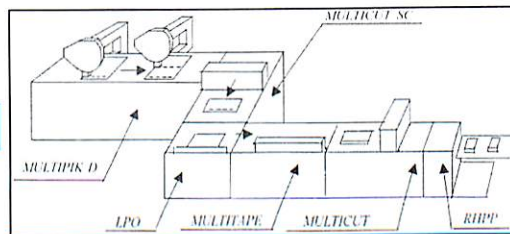
This model fitted with 2 stitching heads enables an increase in production rates on the standard model by about 50 %, and is particularly suitable, recommended, for jobs onstrips requiring a high number of stitching points for example more than 10. Two versions are available : one places the stitch from each head along the same line, the second places the stitches on two separate lines as one of the heads is mounted on an adjustable carriage.



This **MULTIPIK D 450 P** and the standard model will link with a "MULTITAPE" spine taper. It can also be completed with a deep pile programmable stacker, allowing the pads to be delivered in batches of 10, 20 etc. or in flat layers with batch separation.

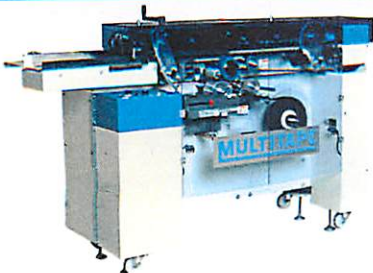
In this way, maximum output with the **MULTIPIK D 450 P** increases from 2000 to 3000 pads per hour.

Optional : missed stitch detector, interfaced with the programmer, the machine stops in the event of a missed stitch.



In line :
 MULTIPIK D 450 P
 MULTICUT 450 SC
 LPO + MULTITAPE
 MULTICUT DUO 450 P
 RHPP 450
 Can reach 3000 pads/hour with a single operator !

MULTITAPE



Automatic spine taping machine from 1 to 25 mm thickness. This up to date version of spine taping machine designed to be linked with a **MULTIPIK** machine. This **MULTITAPE** spine taping unit is using some remoistable gummed paper tape or self adhesive tape in various qualities and colors. The **MULTITAPE** is a robust machine, and needs very little maintenance. It can be used on its own or in line with any **MULTIPIK** model, and completed itself in connection with an automatic guillotine **MULTICUT**.

MULTIPIK + MULTITAPE



Quick and easy to set, high output. Very low maintaining.
Allow : Stitching and spine taping in a single operation.

Technical specifications :

MULTIPIK 450 P

MULTIPIK 600 P

Pads size :

Width : 90 to 450 mm *3 1/2 TO 17 5/8*
Stitching side length : 70 to 450 mm *2 3/4 TO 17 5/8*
Thickness : 2 to 20 mm (possibly 25 mm depending of paper) *1/8 TO 3/4"*

Width : 80 to 450 mm *3 1/8 TO 17 5/8*
Stitching side length : 50 to 600 mm *2" TO 23 5/8*

Stitching operation dates :

Available wire : round, size 20 to 26 : thickness pads 2 to 10 mm
flat, size V ou VI : thickness pads 10 to 20 mm

Stitches number : 20 maximum

Distance between 2 stitches : 16 mm (from axis to axis) *5/8"*

Stitches head : standard "type BREHMER"

Option : "BOSTITCH" for thin books

Programming system allowing to keep in memory 30 different jobs, behaving each one maximum 15 stitching points, and able to memorize the stopping of the feeding sequence when the batch of pads prealably incountered has been reached, allowing to disload the pads already finished, either to enter the pay off dates when the machine is linked with a belt reception convoyor (option).

A counter is totalising work effective time, without zero restarting possibility.

Machine sizes and weight :

Length : 1,80 m
Width : 1,10 m
Height : 1,30 m
Net weight : 450 kgs - Gross weight : 630 kgs

Length : 2,00 m
Width : 1,10 m
Height : 1,30 m
Net weight : 470 kgs - Gross weight : 660 kgs

Electrical specifications :

Triphase 220/380V - 50Hz - 2,5 Kw

Triphase 220/380V - 50Hz - 2,5 Kw

MULTIPIK D 450 P

MULTIPIK D 600 P

Machine sizes and weight :

Length : 2,40 m
Width : 1,10 m
Height : 1,30 m
Net weight : 525 kgs - Gross weight : 725 kgs

Length : 2,60 m
Width : 1,10 m
Height : 1,30 m
Net weight : 560 kgs - Gross weight : 800 kgs

Electrical specifications :

Triphase 220/380V - 50Hz - 3,5 Kw

Triphase 220/380V - 50Hz - 3,5 Kw

Machine delivered with one number 26 wire and one number V wire - service tools and accessories.

SPINE TAPING MACHINE

MULTITAPE

Pads sizes :

Width : 80 à 380 mm - Length : 70 à 600 mm - Thickness : 1 à 25 mm
Gummed paper tape : Width 24 / 30 / 36 / 48 mm - Self adhesive tape : Width 25 / 30 / 38 / 42 / 50 - Rolls length 200 m
Colors : large choice available, paper quality : clothnet, plastified

width 3 1/8 TO 15" | Length 2 3/4 TO 23 5/8 | 1" THICK | 1" TO 2"

Machine sizes and weight :

Length without reception : 1,50 m - Length with reception : 1,90 m - Width : 0,50 m - Height : 1,00 m
Net weight : 270 kgs - Gross weight : 375 kgs

Electrical specifications :

Single phase 220V - 50Hz - 1,2 Kw

Machine delivered with 1 roll tape - service tools and accessories.

MULTIPIK 450 P + MULTITAPE

MULTIPIK 450 P + MULTICUT 450 P

Machine sizes and weight :

Length with reception : 3,70 m
Width : 1,10 m
Net weight : 720 kgs - Gross weight : 1 005 kgs

Machine sizes and weight :

Length : 3,40 m - Length with reception : 4,75 m
Width : 1,10 m
Net weight : 1 250 kgs - Gross weight : 1 610 kgs

Electrical specifications :

Triphase 220/380V - 50Hz - 3,7 Kw

Electrical specifications :

Triphase 220/380V - 50Hz - 6 Kw

MULTIPIK 600 P + MULTITAPE

MULTIPIK 600 P + MULTICUT 600 P

Machine sizes and weight :

Length with reception : 3,90 m
Width : 1,10 m
Net weight : 740 kgs - Gross weight : 1 035 kgs

Machine sizes and weight :

Length : 3,75 m - Length with reception : 5,10 m
Width : 1,10 m
Net weight : 1 320 kgs - Gross weight : 1 715 kgs

Electrical specifications :

Triphase 220/380V - 50Hz - 3,7 Kw

Electrical specifications :

Triphase 220/380V - 50Hz - 6 Kw

MULTICUT GUILLOTINE 450 P

Cutting width maxi : 430 mm $16\frac{7}{8}$
Minimum cutting width : 120 mm (possible 70 mm) $4\frac{3}{4}$
Cutting thickness maxi : 20 mm $\frac{3}{4}$ "
Length maxi of the pad before cut : 450 mm $17\frac{5}{8}$ AFTER CUT $2\frac{3}{4}$
Number of cuts for a complete cycle : 20 (more possible)

Machine sizes and weight :

Length with reception : 2,95 m
Length without reception : 1,60 m
Width : 0,98 m
Height : 1,20 m
Net weight : 800 kgs - Gross weight : 980 kgs

Electrical specifications :

Triphase 220/380V - 50Hz - 3,5 Kw

Programming system allowing to keep in memory 30 different jobs, to achieve single and double cuts, counting and programming of the belt reception conveyor.

MULTICUT GUILLOTINE 600 P

Length maxi of the pad before cut : 600 mm $23\frac{7}{8}$

Length with reception : 3,10 m
Length without reception : 1,75 m

Net weight : 850 kgs - Gross weight : 1 055 kgs

MULTICUT DUO 450 P

The technical dates are identical to the ones of model 450 P et 600 P.

"Single Cut" section in entrance making the back trimming + programmable section making head trimming and medium slits, (double cuts possible).

Machine sizes and weight :

Length with reception : 3,75 m
Length without reception : 2,40 m
Width : 0,98 m
Height : 1,20 m
Net weight : 1 400 kgs - Gross weight : 1 700 kgs

Electrical specifications :

Triphase 220/380V - 50Hz - 6,5 Kw

MULTICUT DUO 600 P

Length with reception : 3,85 m
Length without reception : 2,50 m

Net weight : 1 450 kgs - Gross weight : 1 750 kgs

FEEDER

Usable width 350 mm
Usable width in twin entry 120 mm x 2 (more on request)

Machine sizes and weight :

Length : 1,10 m
Width : 0,70 m
Height : 1,15 m
Net weight : 150 kgs - Gross weight : 225 kgs

Electrical specifications :

Single phase 220V - 50Hz - 1,5 Kw

MULTIFEED

MULTIPIK + MULTITAPE + MULTICUT 450 P

Machine sizes and weight :

Length with reception : 6,25 m
Length without reception : 4,90 m
Width : 1,08 m
Net weight : 1 520 kgs - Gross weight : 1 985 kgs

Electrical specifications :

Triphase 220/380V - 50Hz - 7,2 Kw

MULTIPIK + MULTITAPE + MULTICUT 600 P

Length with reception : 6,60 m
Length without reception : 5,25 m
Width : 1,08 m
Net weight : 1 590 kgs - Gross weight : 2 090 kgs

LOGICAL PAY OFF LPO 450

Machine sizes and weight :

Length : 0,70 m
Width : 0,65 m
Height : 0,80 m
Net weight : 80 kgs - Gross weight : 130 kgs

Electrical specifications :

Single phase 220V - 50Hz - 0,5 Kw

LOGICAL PAY OFF LPO 600

Length : 0,70 m
Width : 0,80 m
Height : 0,80 m
Net weight : 90 kgs - Gross weight : 150 kgs

HIGH PILE RECEPTION TABLE RHPP 450

Machine sizes and weight :

Length RHPP short : 1,15 m
Length RHPP long : 1,90 m
Width : 0,72 m
RHPP short : Net weight : 100 kgs - Gross weight : 200 kgs
RHPP long : Net weight : 150 kgs - Gross weight : 300 kgs

Electrical specifications :

Single phase 220V - 50Hz - 0,5 Kw

HIGH PILE RECEPTION TABLE RHPP 600

Length RHPP short : 1,40 m
Length RHPP long : 2,13 m
Width : 0,87 m
RHPP short : Net weight : 125 kgs - Gross weight : 250 kgs
RHPP long : Net weight : 200 kgs - Gross weight : 350 kgs

AUTOMATIC GUILLOTINE MULTICUT

This machine offers an efficient solution for two of the finishing problems encountered by printers and finishing works : First, for cutting items in multipositions, such as pads, booklets, chequebooks, samples, etc... after stitching or glue binding, in this case, the machine proves an advantageous complement to the **MULTIPIK** line. Secondly, for items showing a difference in thickness on the cutting line, such as a range of paper cards, cutting of very small and narrow pads or booklets, when a standard guillotine finds the task difficult and even sometimes impossible.

The cut principle of this **MULTICUT** guillotine provides a continuous cutting cycle "non stop" of the blade and the advance of the product to be cut while this blade is rising up. The **MULTICUT** is fitted of a programming device, allowing to make a selection of cuts, then to store in memory the required informations for thirty different jobs.

• **MULTICUT** is including a pendulous cutting movement very usefull, mainly when cutting particular jobs like pads with enveloping gloss covers.

• **MULTICUT** is able to make an amalgam of cuts of various widths, including small margins, and two different models can be supplied, as follows :

Technical data :

	MULTICUT 450 P	MULTICUT 600 P
Cutting thickness :	1 to 20 mm <i>3/4"</i>	1 to 20 mm
Cutting width minimum :	<i>474</i> 120 mm (can be reduced to 70)	120 mm (can be reduced to 70) <i>2 3/4</i>
Cutting width maximum :	430 mm <i>16 7/8</i>	430 mm <i>16 7/8</i>
Cutting length minimum :	70 mm - 35 mm with pushers returning after last cut	
Cutting length maximum :	450 mm <i>17 5/8</i>	600 mm <i>23 5/8</i>

Both models common DATA :

Minimum margin cut 1 mm.

Successive cuts per cycle, until 20.

Speed capacity : until 5000 cuts per hour.

Exit conveyor : programmable for adjustable speed, batch counting, batches of pads or single pads in shingle

Option I : High Pile, Programmable Reception table **RHPP**.

Option II : Output for serie printer connection and PC terminal allowing display and editing of the daily production data, in real time, with operator access code (available on **MULTICUT** standard and SCP).

The **MULTICUT** guillotine has been designed to be connected to the **MULTIPIK** or other spine taping machines, or can be used as a stand alone unit handfeed. Both models of the **MULTICUT** can be supplied with a hopper feeder system.



MULTICUT SC 450 - SC 600

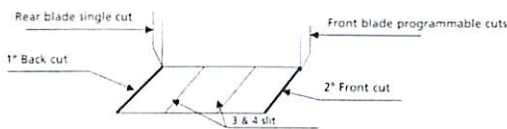
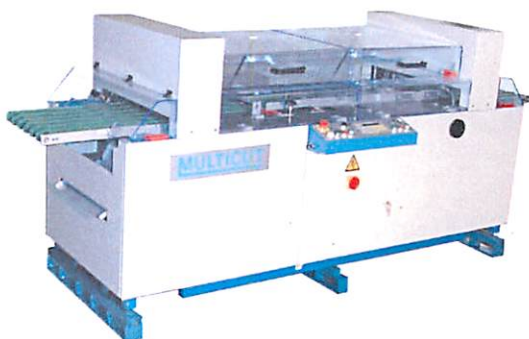
Guillotine provide of a cut, cycle after cycle, without programmer, this **MULTICUT** is destinated to make a simple cut, for the end trimming for instance.

MULTICUT SC 450 P - SC 600 P

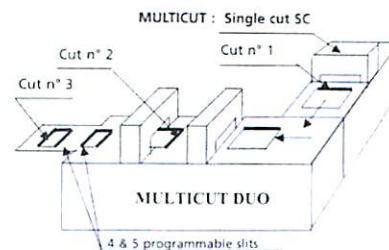
It is a combination of the cut cycle after cycle and of the programmer. This machine has been specially designed for the cut of document not bound, and needing an high accuracy.

MULTICUT DUO 450 P

A combination of the **MULTICUT SC** (single cut) and the standard 450 P model - the two opposing blades allow the rear edge of a strip of books to be trimmed by the "single cut" section and then the fore edge to be trimmed by the programmable section. This also allows middle cuts to be made when cutting a strip of pads.



This combination **MULTICUT SC + MULTICUT DUO** can take a strip of Pads or Booklets and divide them into individual pads, trimmed on 3 edges. This combination of machines guarantees. The user the same quality of trim obtained. From a 3 knife guillotine, with the additional benefit of the Multicut's dividing facility.

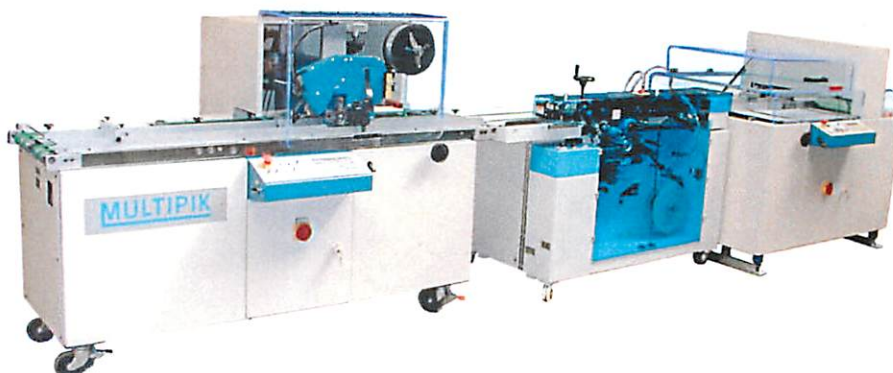


MULTIPIK + MULTITAPE + MULTICUT

Stitching, spine taping with remoistable gummed or self adhesive paper and cut of pads finished in multipositions.

3 operations by a single operator

Easy and fast to set up, this line insure an high quality in work as well some high out put averages on small, medium and large serials. And for strings of pads behaving a big number of stitches.

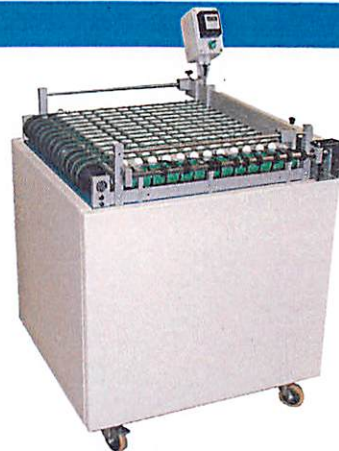
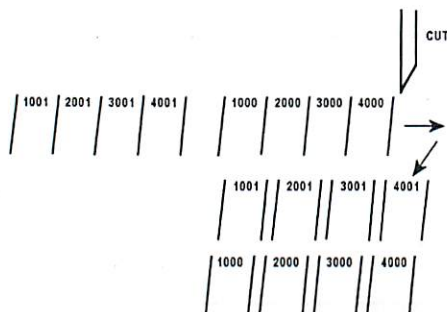


Common option to all variants of the **MULTIPIK** programme ; over-printing, allowing the addition of an item reference using an inkjet process.

LOGICAL PAY OFF

LPO 450 - 600

Installed at the exit of the **MULTICUT**, the **LOGICAL PAY OFF** allow, after cut, to keep the pad's serial numbers in the correct and logical order of the numbers. That is very useful in the production of numbered pads, chequebooks, etc...



MULTICUT 450 P

+

LOGICAL PAY OFF

+

RHPP

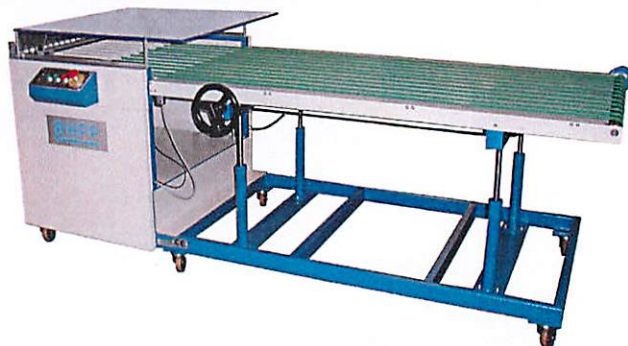


This set insure a reception of a simple pile as well of few piles side to side of pads counted, the computerized preselection insure the cadenced advance of the piles onto the conveyor of the **RHPP**.

HIGH PILE RECEPTION PROGRAMMABLE

RHPP 450 - 600

Interfaced with the stitching machine **MULTIPIK** or with the guillotine **MULTICUT**, insure the reception in piles, pre-selected. Moving of the piles on the belt conveyor is controlled in cadence by the programmer. When the Logical Pay Off **LPO** is linked in upper fall, few piles will be received side to side onto the **RHPP**.



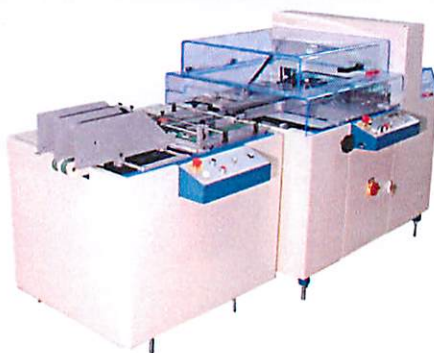
MULTIFEED

+

MULTICUT

For an automatic cut

Automatic feeder intended to be connected in link with a **MULTICUT** guillotine when this one, is not used in line with Spine Taping machine or a **MULTICUT**. This underneath suction feeder, will be feed it self by the top, without to stop the machines. Synchronized with the **MULTICUT** Guillotine, it will allow it, to insure production average maximum.



OPTION :

Feeder **MULTIFEED** allowing to feed simultaneously, 2 strings to be cut, **MULTICUT** production is doubled by this way for narrow pads strings.

This model can be also used in single feeding when working on broad pads.

Will be very appreciated for "samples cards" and "very smalls pads" cut.

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