



MACHINE FOR CUTTING AND FOLDING LABELS

Designed and built using **the best technologies and the best components**, the **OMNILABEL BASIC**, **OMNILABEL ELECTRONIC** and **OMNILABEL LOGIC 2.0 machines** make it possible to obtain perfectly cut and folded labels. They are modular machines that can be equipped with **different folding units**, both **Dedicated** for obtaining **only one specific type of label**, and **Multi-functional**, suitable for **obtaining different types of labels using a single folding unit**.

Main features:

- **Versatility:** the folding blocks used by our cutting and folding machines are interchangeable and can be assembled on our entire range of cutting and folding machines.
- **Simplicity:** the machine has been designed and engineered down to its smallest detail to permit easy use and even by an unqualified operator.
- **Quality:** the machine is able to obtain high speed production maintaining optimum quality of the finished label, which is indispensable to avoid costly disputes.

	<h2>OMNILABEL BASIC</h2>	<p>Automatic “Easy to use” machine for cutting and folding woven or printed ribbons and labels, equipped with an electromagnetic feeding element controlled by a photocell “F” (optional), with the help of our folding groups recognised worldwide as being machines of excellence, makes it possible to obtain perfectly cut and folded labels.</p>
	<h2>OMNILABEL ELECTRONIC</h2>	<p>Automatic “Easy to use” machine for cutting and folding woven or printed ribbons and labels, equipped with an electromagnetic feeding element controlled by a photocell “F” (standard), with the help of our folding groups recognised worldwide as being machines of excellence, makes it possible to obtain perfectly cut and folded labels.</p>
	<h2>OMNILABEL LOGIC 2.0</h2>	<p>Automatic machine for cutting and folding woven or printed ribbons and labels, equipped with ribbon feeding by means of a step motor controlled by a “Hi-Tech” photocell (standard), with the help of our folding groups recognised worldwide as being machines of excellence, makes it possible to obtain perfectly cut and folded labels. The electronic feeding system makes it possible to cut extremely long labels, up to 10 meters. Equipped with touch screen to set the parameters of the machine settings and view working data using simple intuitive symbols. IMAGE TARGETING (tolerance 0,5 mm) - in the presence of an irregular ribbon with long and short labels, the OMNILABEL LOGIC 2.0 machine always centres the image of the label between the folds.</p>

CUTTING SYSTEMS

<p>FUSION CUTTING (STANDARD) - The fusion cutting system supplied can process ribbons up to 75 mm wide and ensures perfect welding of the edges which are resistant to tough wash cycles. Special management of the blade avoid the ribbon being damaged by the heat of the blade. The temperature is electronically controlled to remain constant during processing. Robust design and the use of top grade steel guarantee the operator can work with satisfaction, preventing costly downtime.</p>	
<p>FC100</p>	<p>FUSION CUTTING 100 mm WIDTH (OPTION) - The specially modified guide when used together with the standard blade can carry out the single cut of ribbons up to 100 mm wide (standard for Omnilabel Logic 2.0)</p>
<p>FC115</p>	<p>FUSION CUTTING 115 mm WIDTH (OPTION) - This specially designed fusion cutting unit complete with a functional and customised guide can carry out the single cut of ribbons up to 115 mm wide.</p>

<p>K</p>	<p>SCISSOR CUTTING (OPTION) - Designed for cutting ribbons up to 75 mm in width produced with any type of yarn even mixed cotton or Rayon. The temperature is adjustable and controlled electronically to remain constant during processing.</p>
<p>K45°</p>	<p>SCISSOR CUTTING 45° (OPTION) - This specially modified version of the K - Scissor cutting option makes a 45° angle cut on ribbons.</p>
<p>U50 U75</p>	<p>ULTRASONIC CUTTING (OPTION) - Ideal for cutting polyester and acetate, leaving the cut edge extremely soft to the touch. Two different ultrasonic cutting systems are available as options, one cuts up to 50 mm (U50) and the other up to 75 mm (U75), sealing the edges while cutting.</p>



FEEDING SYSTEMS

	OMNILABEL BASIC	OMNILABEL ELECTRONIC	OMNILABEL LOGIC 2.0
<p>ELECTRONIC PHOTOCELL FEEDING An electromagnetic feeding element controlled by a photocell automatically brings the ribbon under the knife; ideal for woven ribbons without a feeding stitch and for printed ribbons. Equipped with a sensor that detects the end of the ribbon and automatically stops the machine.</p>	OPTIONAL F FWENG	✓	—
<p>FK FKB “HI-TECH” PHOTOCELL FEEDING This particularly sensitive photocell can read tone on tone colours (“FKB” includes electronic photocell feeding)</p>	OPTIONAL FKB	OPTIONAL FK	✓
<p>F 6 mm FB 6 mm KIT 6 mm WITH “HI-TECH” PHOTOCELL Kit to cut ribbons with a minimum width of 6 mm, including a “HI-TECH” photocell to read tone on tone colours, guides and mechanical adaptations (“FB 6mm” includes electronic photocell feeding)</p>	OPTIONAL FB 6 mm	OPTIONAL F 6 mm	✓
<p>J-OE JB JL PHOTOCELL FOR STICKER DETECTION Detection photocell for reflective silver stickers indicating defective labels (JB with PLC)</p>	OPTIONAL JB	OPTIONAL JB J-OE	OPTIONAL JL
<p>W CW TW After-cut waste system for defective labels marked with a shiny sticker (“CW” for “C”)</p>	OPTIONAL	OPTIONAL	OPTIONAL
<p>QE QC QT QS QM System to automatically reject by means of a slide with trap door the cut & folded defective labels marked with a shiny sticker (not stacked)</p>	—	OPTIONAL	OPTIONAL
<p>FN RIBBON END SENSOR Sensor that detects the end of the ribbon and automatically stops the machine.</p>	OPTIONAL	✓	✓
<p>ELECTRONIC FEEDING The machine is equipped with ribbon feeding by means of a step motor. It has the ability to cut ribbons with a minimum width of 6 mm, it can work to a pre-set length or by reading a reference mark by means of a “Hi-Tech” photocell to read the colour tone on tone. Equipped with a sensor that detects the end of the ribbon and automatically stops the machine.</p>	—	—	✓

ACCESSORIES (OPTIONAL)

<p>R REWINDER FOR SELF-ADHESIVE KISS CUT</p> <p>A ARB LAMINATING UNIT AND REWINDER FOR SELF-ADHESIVE KISS CUT</p> <p>A FOR ELECTRONIC + LOGIC 2.0 ARB FOR BASIC</p>	<p>S STACKER FOR CUT ONLY LABELS</p> <p>Maximum ribbon width 100 mm if the FC100 option is present.</p>	<p>VIDEOCAMERA “OMNICAMERA”</p> <p>OMNICAMERA</p> <p>Accessory for quality control of ribbons complete with video camera and software, for the recognition and automatic rejection of defective labels during ribbon processing.</p>	<p>P RIBBON IRONING UNIT</p> <p>It is ideal to improve the quality of the ribbons, particularly when they are not ironed during the processing. Our ribbon ironing unit increases the productivity of cut and fold machines, facilitating the ribbon processing and reducing the waste. This accessory is easily installed and it is applied to the rewinder at machine's in-feed.</p>
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TECHNICAL DATA

<p>OUTPUT DETAILS</p>	<p>MAXIMUM SPEED</p> <ul style="list-style-type: none"> • 200 pzs/min • 300 pzs/min for only cut with “U” option or with “U”+“I-folder” options 	<p>MACHINE DETAILS</p>	<p>ELECTRICS</p> <p>220/240 V 1~ 50/60 Hz</p>
	<p>WORKABLE DIMENSIONS</p> <table border="0"> <tr> <td>OMNILABEL BASIC + OMNILABEL ELECTRONIC width 6÷75 mm length 7÷200 mm</td> <td>OMNILABEL LOGIC 2.0 width 6÷100 mm length 6÷10.000 mm</td> </tr> </table> <p><i>*with 6 mm kit optional when allowed by the tape</i></p>		OMNILABEL BASIC + OMNILABEL ELECTRONIC width 6÷75 mm length 7÷200 mm
OMNILABEL BASIC + OMNILABEL ELECTRONIC width 6÷75 mm length 7÷200 mm	OMNILABEL LOGIC 2.0 width 6÷100 mm length 6÷10.000 mm		
<p>SAFETY</p>	<p>in compliance with CE norms</p>		

FOLDING UNITS (OPTIONAL)

M OMNI FOLD UNIT 8-75 MM COMPLETE WITH SLIDE

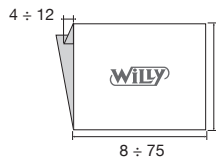
This multifunctional folding unit gives **8 types of labels** all from one single unit, processing ribbons varying in width from **8 to 75 mm**. The **change** from one fold to another takes **less than two minutes**.

MS **STACKER FOR OMNI FOLD UNIT M (OPTIONAL)**
Stacker for omni fold unit M for boxing labels starting from 10 mm in width.

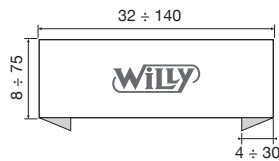
M: up to 75 mm h



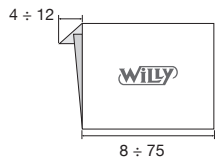
OPEN MANHATTAN FOLD (mm)



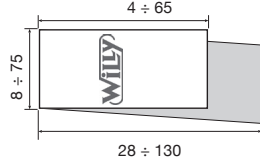
END FOLD (mm)



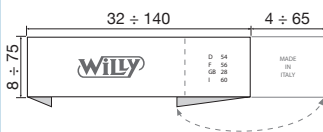
CLOSED MANHATTAN FOLD (mm)



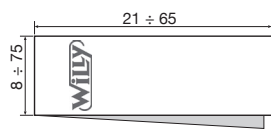
BOOK FOLD (mm)



TAG FOLD (mm)



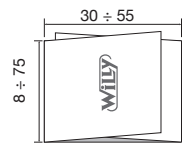
CENTRE FOLD (mm)



CUT ONLY (mm)



LEAFLET FOLD (mm)



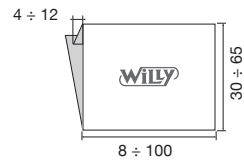
M100 OMNI FOLD UNIT 8-100MM WIDE VERSION COMPLETE WITH DOWNWARD SLIDE

This multifunctional folding unit in a wide version gives **8 types of labels** all from one single unit, processing ribbons varying in width from **8 to 100 mm**. The **change** from one fold to another takes **less than two minutes**. Supplied with a **downward slide** to stack up labels starting from 10 mm in width.

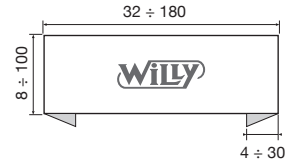
M100 up to 100 mm h



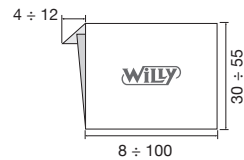
OPEN MANHATTAN FOLD (mm)



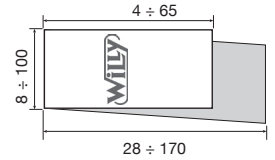
END FOLD (mm)



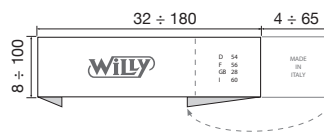
CLOSED MANHATTAN FOLD (mm)



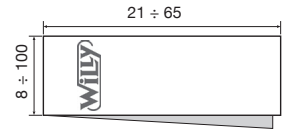
BOOK FOLD (mm)



TAG FOLD (mm)



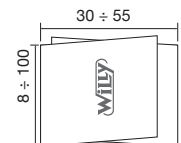
CENTRE FOLD (mm)



ONLY CUT (mm)



LEAFLET FOLD (mm)



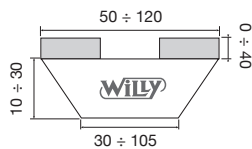
MT "MT-MULTI" FOLD UNIT 8-75 MM COMPLETE WITH DOWNWARD SLIDE

This multifunctional folding unit gives **9 types of labels** all from one single unit, processing ribbons varying in width from **8 to 75 mm**. The **change** from one fold to another is very **easy and fast**. Supplied with a **downward slide** to stack up labels starting from 10 mm in width.

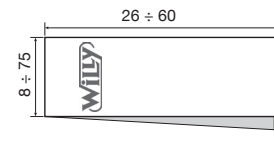
MT-MULTI



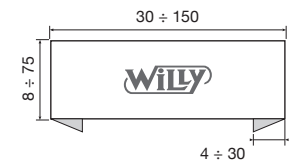
MITRE FOLD (mm)



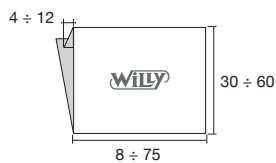
CENTRE FOLD (mm)



END FOLD (mm)



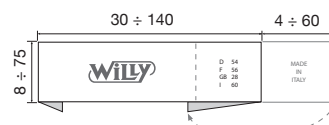
OPEN MANHATTAN FOLD (mm)



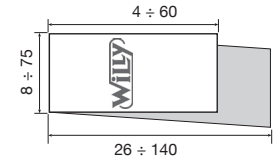
CUT ONLY (mm)



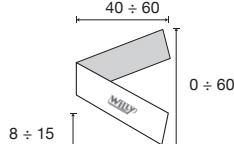
TAG FOLD (mm)



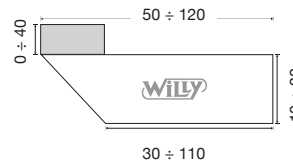
BOOK FOLD (mm)



"V" FOLD (mm)



GOLF CLUB FOLD (mm)





AVAILABLE FOLDING UNITS (OPTIONAL)

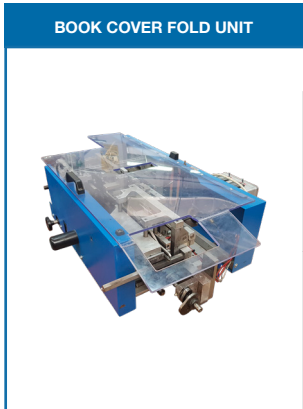


E	END FOLD UNIT	E3 20 mm	NARROW END FOLD UNIT	E3 16 mm	"MINI" NARROW END FOLD UNIT	E1	ADDITIONAL ACCESSORIES FOR E + E3
						TAG FOLD ACCESSORY (mm) 	

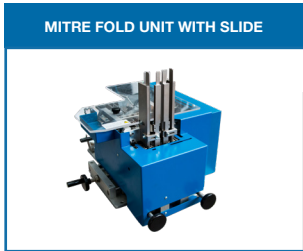


C	C3	CENTRE FOLD UNIT + BOOK FOLD		G	NARROW CENTRE FOLD UNIT + BOOK FOLD		
CENTRE FOLD (mm) 		BOOK FOLD (mm) 		NARROW CENTRE FOLD (mm) 		NARROW BOOK FOLD (mm) 	
C1				C120			
ADDITIONAL ACCESSORIES FOR C+C3 WELDING UNIT FOR CENTRE FOLD UNIT (mm) 				ADDITIONAL ACCESSORIES FOR C+C3 CENTRE FOLD UNIT (mm) (only for Logic 2.0) 			

*Stacking from 10mm ribbon width.



EC	BOOK COVER FOLD UNIT				
OPEN MANHATTAN FOLD (mm) 		CLOSED MANHATTAN FOLD (mm) 		LEAFLET FOLD (mm) 	
BOOK COVER FOLD (mm) 		TAG FOLD (mm) 			



TN	MITRE FOLD UNIT WITH SLIDE	TS	ADDITIONAL ACCESSORIES FOR TN
		Upward stacker for mitre fold unit.	



I	LONGITUDINAL FOLDER			
OMNILABEL BASIC + OMNILABEL ELECTRONIC		OMNILABEL LOGIC 2.0		
LONGITUDINAL END FOLD AND CUT (mm) 		LONGITUDINAL END FOLD AND CUT (mm) 		
LONGITUDINAL MANHATTAN FOLD AND CUT (mm) 		LONGITUDINAL CENTRE FOLD AND CUT "POCKET LABEL" (mm) 		
LONGITUDINAL CENTRE FOLD AND CUT "POCKET LABEL" (mm) 		"WILLY" 4 SIDED FOLD (mm) 		
"WILLY" 4 SIDED FOLD (mm) 		"WILLY" 4 SIDED FOLD (mm) 		