



LAVATEC 
Laundry Technology Inc.

PL-MULT MULTI-LANE FOLDER

The easiest way to fold small ironed articles automatically

GIRBAU FOLDERS, THE RESULT OF EXPERIENCE

PL-MULT



The PL-MULT multi-lane folder allows to handle small items such as napkins, tea towels or pillowcases. It connects to the primary output of an FL series folder, which should have 4 independent primary fold lanes plus a table. After the primary folds programmed in the FL folder, it performs a cross-fold and stacks the items on 4 lanes.



TECHNOLOGY

The articles arrive from the primary folder on the main conveyor along the middle of each of the lanes. This folder may have already performed one or two primary folds previously. The PL-MULT performs a cross-fold using a rising mechanical blade and a gripper. The item is folded in half. A gripping device holds the folded article, and by rotating it, stacks the items onto the discharge conveyor. The number of items in each stack is set during programming.



OUTPUT FROM THE STACKERS TO THE TABLES

This is the standard configuration for discharging the stacks with a reception table at the exit. This table can be lifted off and the bottom primary fold table used for manual cross-folding.

For its multi-lane folder, Girbau has selected a full range of options to meet all needs.

OPTIONS



COMMON OUTPUT FROM THE STACKERS

Each discharge conveyor is equipped with a flap that receives the stack and transfers it to a lower belt which automatically sends it to the right or to the left, depending on the configuration chosen.

This design allows the stacks to be collected automatically and sent on to an operator or to other conveyor belts, in order to collect them all together in the dispatching area.



DIRTY/TORN SELECTION

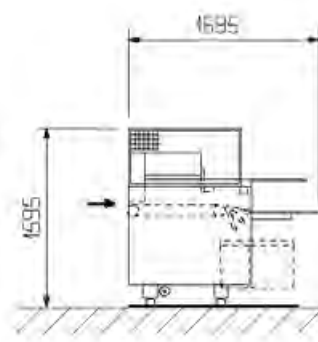
There is a classification trapdoor in one lane equipped with a selection flap that separates items marked "dirty" or "torn" into two distinct compartments. This trapdoor is located beneath the primary fold output table.



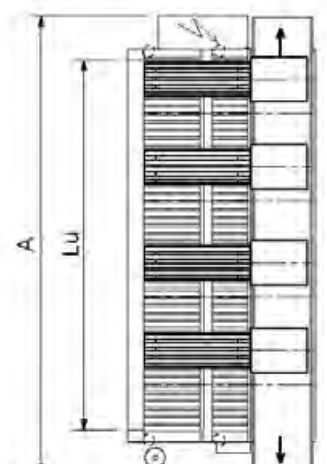
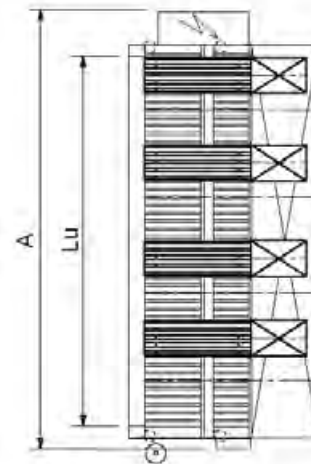
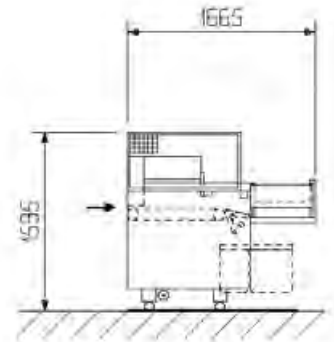
PL-MULT MULTI-LANE FOLDER

TECHNICAL SPECIFICATIONS		PL-MULT
ELECTRICITY		
Installed power supply	kVA	2
Section of supply cable	mm ²	3x2,5+T
Base voltage and frequency	V/Hz	380-400 / 50
COMPRESSED AIR		
Section of supply cable	mm	Ø 15x21
Operating pressure	bars	6
Consumption/hour for 100 Items	Nm ³	4
OTHERS		
Noise level	dbA	71
Height	mm	1.595
Depth		
Output to table	mm	1.695
Output to transfer conveyer	mm	1.665
Useful width/Total width (Lu /A)		
Output to table	mm	3.300 / 3.608
Output to transfer conveyer	mm	3.300 / 4.105

Output to table



Output to transfer conveyer



Girbau S.A. reserves the right to change design and/or specifications without notice

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