



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

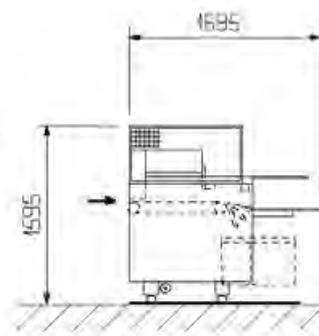
There is a classification trapdoor in one lane equipped with a selection flap that separates items marked "dirty" or "torn" into two distinct compartments. This trapdoor is located beneath the primary fold output table.



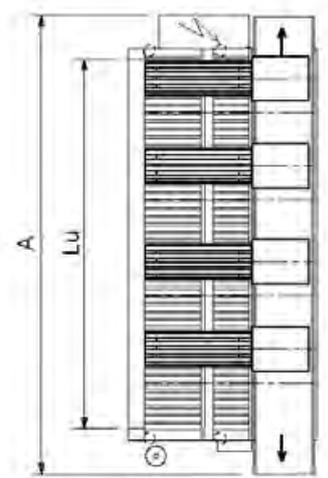
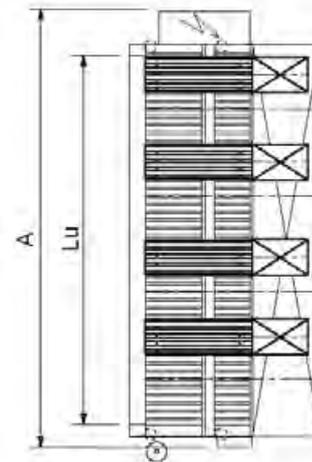
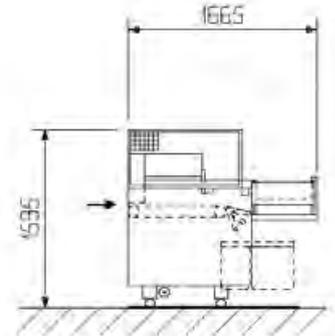
PL-MULT MULTI-LANE FOLDER

| 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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