FR SERIES FOLDERS
YOUR BEST MOVE

GIRBAU
FR SERIES FLATWORK FOLDER
AN OPEN WINDOW TO YOUR LINEN

EFFICIENCY AND TOUGHNESS FOR A PERFECT FOLDING

CONTROL
Total control of production. Equipped with a touch screen for direct access, with graphical menus to make it as easy as possible for operators to understand and control. Total communication with Girbau flatwork ironers and feeders. Remote access and control with Ghelp.

ACCESSIBILITY / VISIBILITY
Transparent windows and easy accessible doors allow easier maintenance works and better control.

VERSATILITY
1/2 or 3 longitudinal folds in 1/2 or 4 lanes.
1/2 or 3 cross folds in 1 lane.
1/2 cross folds in 2 lanes. (Only FR+)
General by-pass. (Only FR+)
Mechanical by-pass. (Only FR+)
Simple or double stacker. Triple (Only FR+)
All kind of linen.

1- 2-4 FEEDING LANES
Flexible operation depending on the dimensions of the linen to be folded.
FULL RANGE OF ACCESSORIES FOR YOUR FOLDER, TO MEET ALL YOUR NEEDS

VISIBILITY AND INTERNAL LIGHTING
The design of our FR folders gives you simple control and perfect monitoring of how pieces are folded.

SLIDING TABLE
This option improves the folding of large items.

FITTED TRAY + COUNTER FOR SMALL ITEMS (4 LANES)
Optional accessory fitted at the back of the folder. Suitable for collecting small items like napkins, pillowcases or cloths. Can also be supplied with screens for counting.

ANTISTATIC BAR + IONIZED AIR
**FR+**  
**HIGH QUALITY FOLDING**

**LONGITUDINAL FOLD**
INDEPENDENT HIGH / LOW PRESSURE CONTROL IN EACH  
LONGITUDINAL FOLD

Two primary folds as standard and a third longitudinal fold (optional) for large items.

**CROSS FOLD**
2 or 3 cross folds on **1 lane** (UX3P)

1 or 2 cross folds on **2 lanes** (MX3P)
1st CROSS FOLD
Blade and two conveyor belts. Auto adjustable for thickness using a pneumatic system. Fold-waiting mechanism before folding to avoid jams. Folding mechanism opens automatically in the event of a jam.

2nd CROSS FOLD
With blade. New system to support linen throughout the folding phase and avoid problems with slippages.

3rd CROSS FOLD
Reversing conveyor and blade.

FULL OPTIONS FR+
- FIRST Mech. By-pass (Longitudinal fold)
- LAST Mech. By-pass (Without by-pass general) (Longitudinal fold)
- General By-pass (Longitudinal fold)
- Lightning
- Sliding table
- Onized air + antistatic bar
- Small pieces tray (4 lanes) and small pieces counter
- Rotative small pieces accumulator (4V)*
- Dirty/torn selection with light
- Dirty/torn selection with tray
- Upper walk lanes with handrail

* Available 2018
**LONGITUDINAL FOLD**
Two primary folds as standard and a third primary fold (optional) for large items.

Working in 2 or 4 lanes, the exit is on the back table.

**CROSS FOLD**
Makes 2 or 3 cross folds as standard working on 1 lane. Its concept maximises fold quality by adapting to any type of linen.

Blade and two conveyor belts. Auto adjustable for thickness using a pneumatic system. Folding mechanism opens automatically in the event of a jam.
FRB BASIC OPTIONS

- Lightning
- Sliding table
- Ionized air + antistatic bar
- Small pieces tray (4 lanes)
- Small pieces counter
- Dirty/torn selection with light
- Upper walk lanes with handrail
- Stand alone machine (Blanket folder)

FR SERIES FOLDERS OFFER RELIABILITY AND PRODUCTIVITY

Stackers

FLAP STACKER (AP+)

Linen compression system for better quality. Double motor in exit conveyor. Single, double and triple.

FLAP STACKER (APB)

Good stacking quality. Simple, robust design. Single or double stacker available.
## FR SERIES

<table>
<thead>
<tr>
<th>MODEL</th>
<th>FR+</th>
<th>FRB</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Electricity</strong></td>
<td>Voltage and frequency (standard)</td>
<td>380-400V - 50Hz</td>
</tr>
<tr>
<td></td>
<td>Power cable section mm²</td>
<td>3x4</td>
</tr>
<tr>
<td></td>
<td>Installed power kVA</td>
<td>4,3 to 5,5</td>
</tr>
<tr>
<td><strong>Compressed Air</strong></td>
<td>Maximum feeding pressure bar</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>Minimum pressure bar</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Feed pipe section</td>
<td>15x21</td>
</tr>
<tr>
<td></td>
<td>Average consumption per 100 sheets</td>
<td>5Nm²/1000p 835 litres/1000p at 6bar</td>
</tr>
<tr>
<td><strong>Others</strong></td>
<td>Noise level dbA</td>
<td>76</td>
</tr>
<tr>
<td></td>
<td>Weight kg/(lbs)</td>
<td>2000 to 2500 / (4409 to 5512)</td>
</tr>
<tr>
<td></td>
<td>Stacker weight kg/(lbs)</td>
<td>300 (661) (single) 800 (1763) (double) 1300 (2866) (triple)</td>
</tr>
<tr>
<td></td>
<td>Load on feet N/cm²</td>
<td>42 to 53</td>
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<tr>
<td></td>
<td>Height H mm/(in.)</td>
<td>2855 (112.4)</td>
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<tr>
<td></td>
<td>Speed m/min</td>
<td>10 to 55</td>
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<tr>
<td></td>
<td>Width L mm/(in.)</td>
<td>4903 (193.03)</td>
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<tr>
<td></td>
<td>Width L2 mm/(in.)</td>
<td>6292 (247.71)</td>
</tr>
<tr>
<td></td>
<td>Length P mm/(in.)</td>
<td>3810 (149.99)</td>
</tr>
</tbody>
</table>

### Longitudinal fold (LF)
- folds: 2 / 3

### Cross fold 1 lane
- 3

### Cross fold 2 lane
- 2

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A: 800 - 1670mm, 31.50 - 65.75 (in)
B: 1245 - 1532mm, 49.02 - 60.31 (in) (PC80 & PC120 steam)
C: 1570 - 1800mm, 61.81 - 70.87 (in) (PC80 & PC120 gas)

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**BRANCHES**
- Argentina - Buenos Aires - Tel. +54-1149017600 - girbauargentina@girbau.com
- Australia - Sydney - Tel. +61 2 96755860 - sales.australia@girbau.com
- Brazil - Sao Paulo - Tel. +55 11-29820446 - girbaudobrasili@girbau.com
- China - Shanghai & Hongkong - Tel. +86-21-5713 1103 - info.china@girbau.com
- Cuba - La Habana - Tel. +53-7 8662071 al 73 - girbau@girbau.co.cu
- Dominican Rep. - Punta Cana - Tel. +1 809-992-0615 - infodominicana@girbau.com
- France - Grézy sur Aix - Tel. +33 456 574 030 - info@france@girbau.com
- Germany - Ratingen - Tel. +49 2102 9934619 - girbaugermany@girbau.com
- Italy - Marcon (VE) - Tel. +39 0418654330 - infoitaly@girbau.com
- Mexico - Cancún - Tel. +52 998 688 6336 - info.mexico@girbau.com
- Portugal - Porto - Tel. +351 22 3758909 - vendasportugal@girbau.com
- U.A.E. - Dubai - Tel. +971 4-8839951 - sales.gme@girbau.com
- U.K. - Hitchin - Tel. +44(0)-1462 427780 - info.uk@girbau.com
- U.S.A. - Oshkosh, WI & Los Angeles, Ca - Tel. +1(920) 2318222 - info@cgilaundry.com

**HEADQUARTERS**
- GIRBAU, S.A. Ctra de Manlleu, km. 1 - 08500 Vic (Barcelona) Spain - girbau.com
- Tel. (+34) 93 886 2219 - sales@girbau.com

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**GIRBAU S.A. reserves the right to change specifications without notice.**