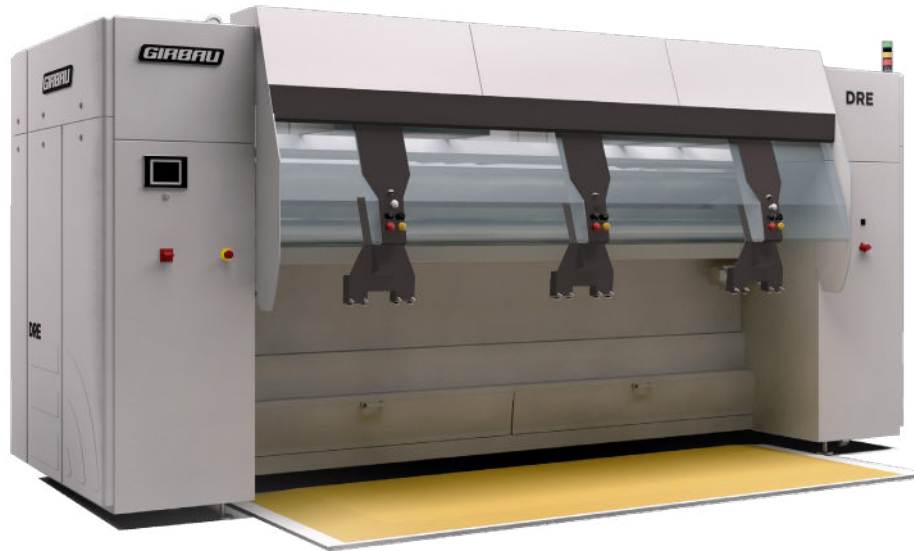


DR SERIES



AUTOMATIC FEEDER

Where flexibility, quality and high-speed production meet

Versatility for large and small piece items

Two, three or four feeding stations for one latest-generation feeder, specially designed for high-quality, fast automatic feeding.

Models

- 1-2 lanes.
- 2, 3 or 4 loading stations
- Automatic feeding. Optional manual feed table.
- Working width: 3000 mm/118", 3300 mm/130", 3500 mm/138"
- Feed capacity: 300 items (single sheet) per station per hour (1 lane)*
- Feed capacity: 1700 items per hour (single sheet) with 2 lanes and 4 stations.

** Maximum capacity depends on the size of the items and the number of loading stations, working lanes and servers on each feeder.*

Automatic feeder suitable for both bed and table linen, offering the perfect combination of speed and quality. Allows items of different sizes to be fed and spread fully automatically. Girbau's years of experience with feeders, plus the latest technological advances, enable the DRE to open out and spread all kinds of linen, ensuring it is perfectly taut before transferring over the feed table.

New technology in clamps, servers and transport table using servo motors. Its new, much more open, design allows items to be monitored at all times.

Maintenance and cleaning of the machine are much easier, while keeping up the highest safety standards.

Standard equipment:

- Height adjustable loading stations to adapt perfectly to each operator.
- Photocell to engage automatic loading.
- Buttons/selectors to indicate dirty/torn items.
- Safety mats / fixed pit guard between loading stations and the feed table.
- Control and monitoring of the machine using HMI 10" touch screen and Programmable Logic Controller.
- 99 customisable programs.
- Side guards.
- Dust retention filters.
- EU marking

Options available:

- Manual feed table
- Direct feed to ironer
- Individual counters per station (productivity information)
- Additional server clamps (up to a maximum of 4)
- Heavy item option
- Spreading brushes and counter pressure belts on the exit conveyor.
- Movable pit guard (compatible with automatic and manual feeding)

WORK STATION		DRE - 2	DRE - 3	DRE - 4
Number	units	2	3	4
PRODUCTION				
Max. 1 L 1 server at 45m/min (*)	units/h	500	720	750
Max. 1 L 4 servers at 45m/min (*)	units/h	700	960	1,100
Max. 2 L 4 servers at 45m/min (*)	units/h	800	1,200	1,750
Maximum linen weight	kg (lb)	4.5 (9.9)		
WORK STATION HEIGHT				
Minimum	mm (in)	950 (37.4)		
Maximum	mm (in)	1,200 (47.2)		
SPEED				
Minimum	m/min (ft/min.)	5 (16.4)		
Maximum	m/min (ft/min.)	55 (180.0)		
WORKING WIDTH 3000 / 3300 / 3500				
Maximum working width 1 lane	mm (in)	3,000 (118,1) / 3,300 (129,9) / 3,500 (137,8)		
Maximum working width 2 lanes	mm (in)	1,400 (55,1) / 1,550 (61,0) / 1,650 (65,0)		
Maximum working width 4 lanes	mm (in)	800 (31.5)		
Maximum linen length on 1 lane	mm (in)	3,200 (125.7)		
MACHINE DIMENSIONS				
Length L	mm (in)	5,070 (199.6)		
Depth P	mm (in)	2,684 (105.6)		
Height H (automatic setup - manual setup)	mm (in)	2,410 (94.8) - 2,650 (104.3)		
Ceiling clearance	mm (in)	2,800 (110.2)		
MACHINE PACKAGING DIMENSIONS (wooden base)				
Length L	mm (in)	5,350 (210.6)		
Depth P	mm (in)	2,210 (87.0)		
Height H	mm (in)	2,541 (100)		
MACHINE WEIGHT				
Without wooden base	kg (lb)	3,500 (7,716.2)	3,600 (7,936.6)	3,650 (8,046.9)
With wooden base	kg (lb)	4,150 (9,149.2)	4,200 (9,259.4)	4,250 (9,369.6)
COMPRESSED AIR				
Maximum pressure	bar (P.S.I.)	10 (145.0)		
Minimum pressure	bar (P.S.I.)	7 (101.5)		
Average Flow at minimum pressure	l/h (USgal/min.)	5,500 (1453.0)		
Compressed air connection	mm (in)	15/21 (0.5)		
Compressed air connection height	mm (in)	1,240 (48.8)		
AIR EXHAUST				
Number		2		
Connection Ø	mm (in)	460x365 (18.1x14.4)		
Exhaust height	mm (in)	2,300 (90.5)		
Max. flow rate by exhaust	m3/h (c.f.m.)	5,750 (3,384.3)		
OTHER DATA				
Noise level	dB (A)	<76		
ELECTRICAL CONNECTION				
Control circuit voltage	V DC	24		
Height of electrical connection	mm (in)	1300		
Total power	KW (H.P.)	15.97 - 19.70 (20.8 - 25.7)		
Protective device nominal current rating	A	D curve 63 A		
Power supply		220/240V-50Hz/60Hz	380/415V-50Hz / 60Hz	440/480V-60Hz / 60 HZ
Section (mm ²) (JZ-500)	mm ²	4G10	4G6	4G6
Section (AWG) (JZ-602) UL/ CSA	AWG	4*AWG8	4*AWG10	4*AWG10
Number of wires	No.	3+GND	3+GND	3+GND
Number of phases	No.	3		

(*) These values may vary depending on the linen type, size, user, machine setup, etc. Ask our technical service about the option of running a simulation of your case.

