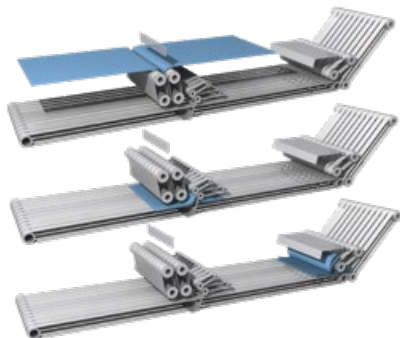
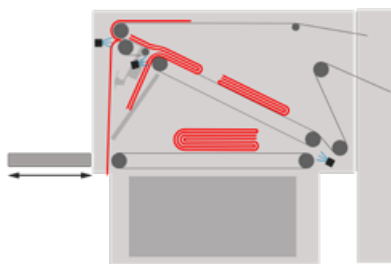
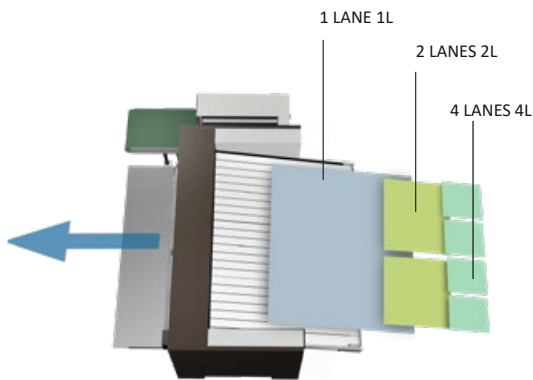


FR+ FOLDER SERIES



The FR+ is a configurable automatic folder with a range of options.

VERSATILITY

- It can make 1, 2 or 3 primary folds on 1, 2 or 4 lanes, as well as 3 cross folds on 1 lane (UX3P) or 2 cross folds on 2 lanes (MX3P).

ROBUSTNESS

- Primary folds are made using high-pressure air (2 independent, programmable air pressures per fold).
- Cross folds are made using a mechanical blade, and in addition the third fold also uses a reversing belt.
- Length is monitored automatically on input to the folder to ensure high-precision, quality folding.
- Self-cleaning item detection photocells to ensure the machine works continuously and correctly.
- Machines available in 3 width versions: 3 m, 3.3 m and 3.5 m.

SAFETY, ACCESSIBILITY AND VISIBILITY

- Machine certified according to Directive 2006/42 EC.
- High visibility of the process thanks to rear guards made of methacrylate.
- Side access between ironer and folder to assist in maintenance and cleaning of the machine.

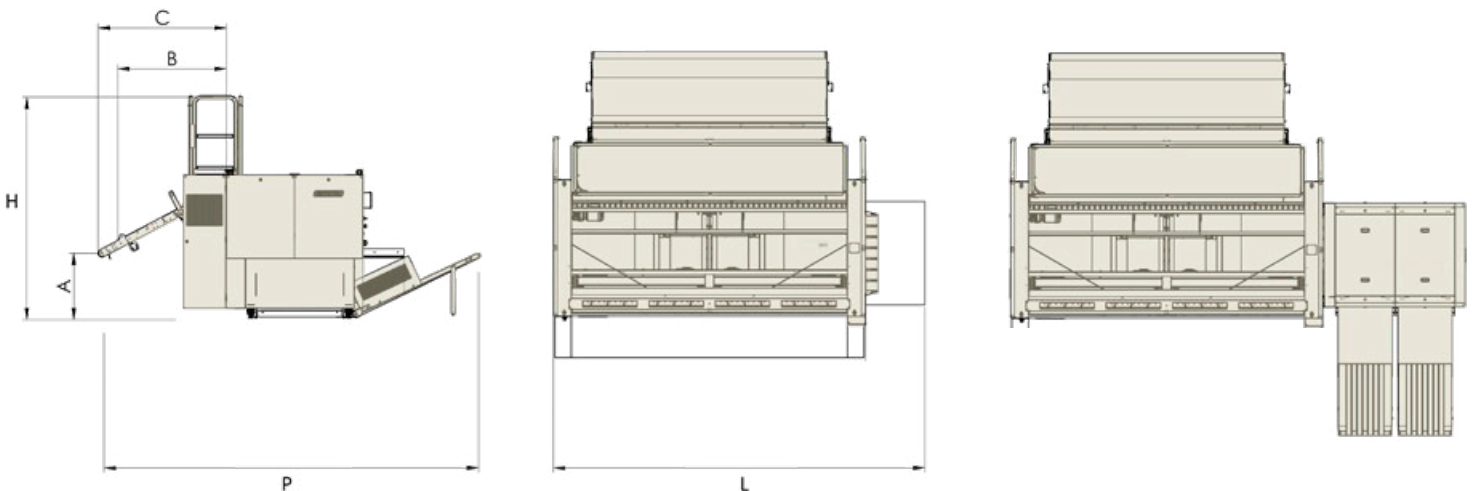
CUSTOMISATION

- The FR+ allows full customisation of programmes (up to 100 different programmes). The number of primary and cross folds can be set to suit the size and number of items.

ADDITIONAL OPTIONS

- AP+ stacker (single, double or triple).
- Built-in 4-lane receiver with or without item counters.
- Antistatic bar.
- Walkway and guards for easier maintenance of encoders and photocells.
- Movement of rear table.
- Lightning.
- General bypass for folds and/or mechanical bypass for first and last primary fold.
- Dirty and torn item selection by LED, arriving on rear table.

FRAME DIMENSION	UX3P & MX3P	TABLE	AP+	2AP+	3AP+
Length frame (L)	mm (in.)	4.903 (193,0)	5.237 (206,2)	6.322 (248,9)	7.406 (291,6)
Depth frame (P)	mm (in.)	2.835 (111,6)	4.291 (168,9)		
Mini Depth of the inlet conveyor belts (B)	mm (in.)	1.245 (50,4)			
Maxi Depth of the inlet conveyor belts (C)	mm (in.)	1.532 (61,4)			
Depth of the inlet conveyor belts (ironer girbau pc120 gas)	mm (in.)	1.800 (70,9)			
Height frame (H)	mm (in.)	1.855 (73,0)			
Mini height of the inlet conveyor belts (A)	mm (in.)	800 (31,5)			
Maxi height of the inlet conveyor belts (A)	mm (in.)	1.670 (65,7)			
Height of the longitudinal table	mm (in.)	910 (35,8)			
Height of the transverse table	mm (in.)	740 (29,1)	820 (32,3)		
Maxi height of the guardrails	mm (in.)	2855 (112,4)			
ITEM DIMENSION (1 - 2 - 3 lanes)		1 lane	2 lanes	3 lanes	-
Maximal width in 1 lane lu3000	mm (in.)	3.000 (118,1)	1.500 (59,1)	750 (29,5)	-
Maximal width in 1 lane lu3300	mm (in.)	3.300 (129,9)	1.650 (65,0)	825 (32,5)	-
Maximal width in 1 lane lu3500	mm (in.)	3.500 (137,8)	1.750 (68,9)	875 (34,4)	-
Width minimum in 1 lane	mm (in.)	1.000 (39,4)	800 (31,5)	300 (11,8)	-
Length maximum article FR+ witch ironer GIRBAU and without cross folding	mm (in.)	4.500 (177,2)	-	-	-
Length maximum article FR+ with (2 length folds) cross folding	mm (in.)	3.600 (141,7)	-	-	-
Length maximum article FR+ with (3 length folds) ironer GIRBAU	mm (in.)	4.500 (177,2)	-	-	-
Minimal length	mm (in.)	350 (13,8)	-	-	-
Minimal width cross fold (after long fold)	mm (in.)	250 (9,8)	-	-	-
Maximal width cross fold (after long fold)	mm (in.)	900 (35,4)	-	-	-
Maximal width of exit belt	mm (in.)	600 (23,6)	-	-	-
Maximun height of the stack	mm (in.)	250 (9,8)	-	-	-
Minimum speed in the longitudinal fold	m/min (ft/min.)	10 (32,8)	-	-	-
Maximum speed in the longitudinal fold	m/min (ft/min.)	50 (164,0)	-	-	-
Speed cross folding	m/min (ft/min.)	55 (180,4)	-	-	-
PACKAGING DIMENSION	UX3P & MX3P	TABLE	AP+	2AP+ (*)	3AP+ (*)
Length (L)	mm (in.)	4.940 (194,5)	5.740 (226)	4.940 (194,5)	5.740 (226)
Depth (P)	mm (in.)	2.290 (90,2)	2.290 (90,2)	2.290 (90,2)	2.290 (90,2)
Height (H)	mm (in.)	2.250 (88,6)	2.250 (88,6)	2.250 (88,6)	2.250 (88,6)
WEIGHT					
Machine + wood basement	kg (lbs.)	2.900 (6.393)	3.290 (7.253)	3.790 (8.355,5)	4.180 (9.215,3)
Machine + export crating	kg (lbs.)	3.120 (6.878)	3.540 (7.804)	4.160 (9.171,2)	4.680 (10.317,6)
WORKING SPEED	m/min	20.363	-	-	-



COMPRESSED AIR					
Maximale pressure	bar (P.S.I.)	10 (145)	-	-	-
Minimale pressure	bar (P.S.I.)	6 (87)	-	-	-
Average Flow under maximal prssure (1000items/h)	l/h (USgal/min.)	8.330 (2.200)	-	-	-
Dimension plug air	mm (in.)	15 (0,6)	-	-	-
Height plug	mm (in.)	1.500 (59,1)	-	-	-
ELECTRICAL CONNECTION		TABLE	AP+	2AP+	3AP+
Height of electrical connection	mm (in.)	1.500 (59,1)	-	-	-
Control circuit voltage	VDC	24	-	-	-
Total power (400V - 50 Hz) FR+ UX3P	KW	3,12	3,66	4,38	5,1
Total power (400V - 50 Hz) FR+ MX3P	KW	4,22	4,76	5,48	6,2
External current switch protection	A	D curve 32 A			
Section main supply (mm ²) (JZ-500)	mm ²	4G4	-	-	-
Section main supply (AWG) (JZ-602)	AWG	4AWG12	-	-	-
Number of wires	num	3+GND	-	-	-
Number of phases	num	3	-	-	-
OTHER DATA					
Maximum sound level	<76	dB (A)	-	-	-
Vibrations	Nulas		-	-	-

(*) 1 packaging per table + 1 packaging AP+