

## Technical Description

## Section 1

### **FAST CLEANER - After print wash-out unit for corrugated cardboard**

In accordance with the CE Directives 94/9/CE

1. Washing tank completely stainless steel AISI 304 built.
2. Cliché clearing system in tank with dedicated structure.
3. Anti-acid and anti-scratches painted steel carpentry.
4. Input table surface with free wheels and stainless steel intermediate floors in order to facilitate the introduction of the inked cliché.
5. Output table surface with free wheels and stainless steel intermediate floors in order to facilitate the introduction of the inked cliché.
6. Washing solvent reservoir (+/- 70 litres), named reservoir **A**, and replenishment clean water (+/- 40 litres, stored in a stainless steel AISI 304 extractable drawer.
7. Washing solvent reservoir including heating element, minimum and maximum level sensor; union communicating with the clean water reservoir for the automatic filling and restoring of the correct liquid level. Overflow union for the draining of used liquid in the external sewer (at the customer's care and charge). Liquid double suction pump installed in the model 175.
8. Clean water reservoir, named reservoir **B**, for the cliché rinsing cycle and with the function of clean water reserve for the filling of the solvent reservoir **A**.
9. Power and control electric wiring on machine board.
10. Cycle and working parameters operated by dedicated Micro-Computer with display allowing the working parameters modification. Programmable functions for: cliché transport speed, dryer temperature, displacement speed of the power traverse brush, reset of the processed clichés number, clean water replenisher quantity (in cc/mt) directly into the reservoir **B**, new soap quantity coming from external can through self-priming pump directly into reservoir **A**
11. Fast washing detergent heating at 40°C (not adjustable) with new adhesive siliconic electric heater elements to avoid a direct contact between heating element and liquid.
12. Water automatic filling, through electro-mechanical pushbutton with solenoid valve, directly from the external water network into the clean water reservoir B, with water supply stop when the max. level sensor monitors the correct level into the washing solvent reservoir **A**.
13. Cleaning system through 3 brushes in washing section (2 rotation brushes and 1 traverse movement flat brush with new soft movement **IGUS®** system and moved by heavy duty pneumatic device).
14. Carriage bringing power traverse brush assembled on soft slide type **IGUS® DRYLIN® HIGH PERFORMANCE** fully built with friction-free and lubrication-free to grant an excellent, long life of the system.
15. Power traverse brush movement system created by the sophisticated and precise air piston with electronic control by **PLC**.
16. Special sponge rollers for the squeezing of very thick clichés and having a side plastic guide.
17. Centrifugal turbine motor fan and heating elements for the drying of the cliché upper and lower part.
18. Synthetic filter located in the reservoir **A** for the cleaning of the washing detergent.
19. Powered solvent-proof transport rollers.
20. Network compressed air for the perfect cliché drying.
21. Rollers self-adjustment pressure to allow the passage of clichés with different thickness.

**General technical data:**

<b>FAST CLEANER</b>		<b>120</b>	<b>150</b>	<b>175</b>
Cliché max. width	[mm]	1150	1450	1700
Cliché min. width	[mm]	180	180	180
Cliché min. thickness	[mm]	1,14 (3,44)	1,14 (3,44)	1,14 (3,44)
Cliché max. thickness	[mm]	6,35	6,35	6,35
Detergent reservoir capacity	[L]	70	70	70
Rinsing clean water reservoir capacity	[L]	30	30	30
Feeding voltage	[V]	400	400	400
Water external connection	[inch]	3/8	3/8	3/8
Compressed air external connection	[inch]	3/8	3/8	3/8
Network compressed air pressure	[BAR]	6 / 8	6 / 8	6 / 8
Required quantity of network compressed air	[Lt]	400	400	400
Network compressed air type	[fluid]	Filtered air NOT lubricated	Filtered air NOT lubricated	Filtered air NOT lubricated
Room temperature	[°C]	0 / 40	0 / 40	0 / 40
Frequency	[Hz]	50/60*	50/60*	50/60*
Electrical input	[kW]	7,5	7,5	7,5
Overall dimensions(w/l**/h)	[cm]	175x440**x125h	200x480**x125h	245x485**x125h
Input and output tables dimensions	[cm]	180	180	180
Working table height	[mm]	900	900	900

\* 60 Hz on demand.

\*\* Length with standard input and output tables.

**Options:**

> <b>SFW Environment system allowing to recycle the cleaner</b>
> Nr. 02 Lids with 2 inspection safety windows
> Automatic input conveyor 160 cm. (longer on request)
> Automatic output conveyor 160 cm. (longer on request)
> Automatic input conveyor 160 cm. in stainless steel (longer on request)
> Automatic output conveyor 160 cm. in stainless steel (longer on request)
> <b>AUTOMATIC CONVEYOR</b> output table for +/- 40 Plates with containment stacking system and movibil trolley

