

2. System's technical specifications

2.1 Machines

Machine:	STRIPSTAR 650
Model:	ALKALINE SOLUTION DRY FILM STRIPPER
Serial N°:	SSL 115034
Fabrication year:	2015
Final use:	Modular line for Alkaline Dry Film Stripper in the manufacture of PCB.

2.2 Diagrams and assembly drawings

Overall Dimensions DWG:	SSL 42609
Internal Cross Sections DWG:	SSL 42609
Other DWG:	--

2.3 Characteristics

Dry Film Stripper Line overall dimensions:

– Length (mm):	5940
– Maximum Width (mm):	1900
– Maximum Height (mm):	1500

2.4 Installed energies and products

Electric power

Main line:	tri-phase net with grounded neutral
Power circuit:	400V ac – 50Hz
Control circuit:	24V dc
Transformer	N.A.

Compressed air

Pressure:	6bars
Capacity (consumption):	negligible

Caloric cooling energy

Dry Film Stripper Module

Caloric energy (kcal):	16.000
Inlet heating fluid temperature (°C):	Max. 10, Min. 3
Minimum capacity (l/h):	2.000

Note: EXOTHERMIC REACTION NON INCLUDED

Dry Film Stripper Air exhaust:

Input conveyor

Type of connection:	smooth PVC pipe Øi 75 mm
Capacity (m3/h):	from 100 to 500



Pressure (mmH₂O):

from 20 to 50 (to be defined according with the process requirement).

DRYER

Type of connection:
Capacity (m³/h):
Pressure (mmH₂O):

smooth SS pipe Øi 110 mm
from 400 to 500
from 20 to 50 (to be defined according with the process requirement).

Products:

Mains water:

- Pressure (bar)
- Capacity (m³/h)

2÷3
0,3÷0,6

Demineralised water pressure/capacity (bar-l/h):

N.A.

Inflammable products:

N.A.

Neutral gases:

N.A.

Acids a/o bases:

Dry Film Stripper alkaline based solution.

Toxic products:

See products used safety advice, normally contained in its data sheet.

2.5 Characteristics of permissible panels

Dimensions

- Minimum length (mm): 200
- Maximum length (mm): 1000
- Minimum width (mm): 100
- Maximum width (mm): 650
- Minimum Thickness (mm): 0,15
- Maximum Thickness(mm): 5

NOTE:

The above specified minimum thickness values are indicative, and depend on the type of boards to be processed. Correct values are determined only by practical testing.