

G5

PROJECTS FOR THE EVOLUTION



G5, Generation Five, not only a new technology or a new machine but a totally new “decoration concept” with a completely modular approach, which concentrate all the glazing and decorating process in a single machine. The G5 is organized by one master module, and it is equipped with a monitor, a single or double-row centring Guide, and an innovative laser for structural recognition. On the master module is possible to place any kind of printing module (for ink or effects), each one operating independently, and able of going in stand-by mode when not in use.

MAIN FEATURES

- Up to 14 modules for inks or effects
- Print Head Resolution: please consult resolution details
- Maximum printing speed: above 50 m/min
- Type and models of supported print heads: XAAR 1002 GS6/GS12/GS40 and SEIKO RC 1536
- Brushless conveyor belt with optical encoder and 0 clearance reducer
- Feeding: from 380 to 480 VAC three-phase 50/60 Hz + T
- Compressed air: filtered min. 6 bar
- Recommended temperature of the cabin: 25 \pm 4°C (non condensing)
- Recommended humidity: from 30 to 80% (non condensing)
- UPS (or remote LAN connection): **included**
- Centring printing precision: \pm 0,3mm
- File extension supported: PSD multichannel, PSB multichannel, e Bitmap
- Concurrent loading and ripping: Yes
- Concurrent loading and printing: Yes
- Number of images per model: up to 1000

TECHNICAL SPECIFICATION

Max. Printing Area (mm) - with Seiko print heads

| 700 | | 910 | | 1120 | 1400 |
|----------|----------|----------|----------|-----------|-----------|
| Standard | XL | Standard | XL | | |
| 711x711 | 711x1211 | 914x914 | 914x1414 | 1118x1118 | 1422x1422 |

Length (mm)

| Number of modules | 700 | | 910 | | 1120 | 1400 |
|-------------------|----------|------|----------|------|------------|------------|
| | Standard | XL | Standard | XL | | |
| 8 | 4050 | 5050 | 5050 | 6050 | 5450 | 5890 |
| 10 | 4550 | 5550 | 5550 | 6550 | 5950 | 6390 |
| 12 | 5050 | 6050 | 6050 | 7050 | On request | On request |
| 14 | 5550 | 6550 | 6550 | 7550 | On request | On request |

Depth X Height (mm) - from the height of the glazing line

| 700 | 910 | 1120 | 1400 |
|----------|----------|----------|----------|
| 1820x900 | 2030x900 | 2240x900 | 2520x900 |

Power (kW)

| Number of modules | 700 | | 910 | | 1120 | 1400 |
|-------------------|----------|----|----------|----|------------|------------|
| | Standard | XL | Standard | XL | | |
| 8 | 15 | 15 | 15 | 15 | 17 | 17 |
| 10 | 18 | 18 | 18 | 18 | 20 | 20 |
| 12 | 21 | 21 | 21 | 21 | On request | On request |
| 14 | 24 | 24 | 24 | 24 | On request | On request |

OPTIONAL

- Double Row
- Belt Cleaner Kit
- G-Vision: to detect defects of the graphic project on the production line
- G-Scan: synchronization and recognition system of the surface structure, to match different graphical projects
- G-Syncro: synchronization and recognition system of the graphical project, to match different graphics
- Thickness Detection Kit
- Temperature Detection Kit
- Cleaning Optimization Kit on production's gap
- Transformation monitor for multi-tension and neutral – if W≠400 or with no Neutral