GLASSPRINT
AUTOMATIC SILK-SCREEN PRINTING MACHINE

TECHNICAL DATA

MODEL	1.6 x 0.6	2.2 x 1.1	2.5 x 1.2	3.0 x 1.5
Max. printing size	mm 1600x600	mm 2200 x1100	mm 2500x1200	mm 3000 x 1500
Min. printing size	mm 400x150	mm 400x150	mm 400x150	mm 400 x 150
Min. printing thickness	mm 3	mm 3	mm 3	mm 3
Max.printing thickness	mm 12	mm 12	mm 12	mm 12
Max. frame size	mm 2500 x1100	mm 3100x1600	mm 3400x1700	mm 3900 x 2000
Maximum printing frame thickness	mm 50	mm 50	mm 50	mm 50
MACHINE DIMENSIONS				
Length	mm 2900	mm 3500	mm 3900	mm 4400
Width	mm 1100	mm 1600	mm 1700	mm 2000
Height	mm 1300	mm 1300	mm 1300	mm 1300
LOADING TRANSFER DIMENSIONS				
Length	mm 1900	mm 2500	mm 3000	mm 3500
Width	mm 1000	mm 1400	mm 1600	mm 1800
Height	mm 940	mm 940	mm 940	mm 940
UNLOADING TRANSFER DIMENSIONS				
Length	mm 1900	mm 2500	mm 3000	mm 3500
Width	mm 1000	mm 1400	mm 1600	mm 1800
Height	mm 840	mm 840	mm 840	mm 840
TRANSLATOR - STORAGE DIMENSIONS				
Length	mm 2100	mm 2700	mm 2500	mm 3500
Width	mm 2500	mm 2500	mm 3000	mm 3500
Height	mm 840	mm 840	mm 840	mm 840

Via Ferraro Manlio, 11 - Z.I. Villa Fastiggi 61100 Pesaro - Tel. +39 0721 281380 Fax +39 0721 281996
P.Iva 021121490417 - www.comss.it - e-mail: info@comss.it

GLASSPRINT
AUTOMATIC SILK-SCREEN PRINTING MACHINE

TECHNICAL AND OPERATION CHARACTERISTICS

PRINTING MACHINE

TRANSPORTATION AND WORK TABLE
- Transportation of the panel inside the machine by means of retractable wheels.
- Adjustable transportation speed managed by control console.
- Approach ramp of the panel to the head stop.
- Work table in phenolic multilayer with non-scratch finish.

PANEL POSITIONING SYSTEM
- Fixed longitudinal bar located on the work front
- Side cushioned pneumatic pressers with screw adjustment.
- Head stop with adjustable height for full bleed printing (max. mm 12), and return movement for panel positioning.

PRINTING HEAD
- Structure made of load-bearing profiles in extruded aluminum.
- Chromium-plated ground support columns
- Release of the printing head from the work table for cleaning operations.

PRINTING UNIT
- Movement of the printing unit on ground linear guides
- Belt drive.
- Drive with inverter for the management of the start and stop ramps.
- Printing and covering speeds managed separately by the control console.
- Working pressure of the machine adjustable from machine front.
- Anti-drip device.

FRAME HOLDER DEVICE
- Frame holder clamps with servo-assisted adjustment
- Pneumatic type clamp locking system
- Pneumatic type frame locking system.
- Micrometric regulation for centring the pattern of the panel.
- Adjustable progressive release device that can be deactivated.

CONTROL CONSOLE
- Control Console on stand.
- Membrane keyboard and machine-operator dialogue box for the management of the work cycle times.
- Each step of the start-up phase can be managed in manual mode.

ABSORPTIONS
- Power absorption about 3.0 Kw
- Voltage required V 400 + N - 50 Hz
- Maximum compressed air pressure 6 Bar

Via Ferraro Manlio, 11 - Z.I. Villa Fastiggi 61100 Pesaro - Tel. +39 0721 281380 Fax +39 0721 281996
P.Iva 021121490417 - www.comss.it - e-mail: info@comss.it

GLASSPRINT
AUTOMATIC SILK-SCREEN PRINTING MACHINE

LOADING TRANSFER (optional)
- Loading station with (pre-set) striker bar with millimeter reference.
- Servoassisted loading device with load-bearing balls coated with non-scratch material.
- Start bar for transfer start-up.
- Adjustable transfer speed managed by control console.

ABSORPTIONS
- Power absorption about 1,0 Kw
- Voltage required V 400 + N - 50 Hz
- Maximum compressed air pressure 6 Bar

UNLOADING TRANSFER (optional)
- Independent roller drive
- Adjustable transportation speed managed by control console.

ABSORPTIONS
- Power absorption about 1.0 Kw
- Voltage required V 400 + N - 50 Hz

TRANSFER - STORAGE (optional)
- Unloading sector by means of roller bed with independent drive and adjustable translation speed managed by the control console.
- Unloading sector by means of roller bed with independent drive and adjustable translation speed managed by the control console.
- Panels can be stored automatically before being sent to the furnace
- Belt translation system consisting of due consecutive sectors with independent drive.
- Programmable transportation speed compatible with machine and furnace.
- Rollers coated with PVC - belts in PVC

ABSORPTIONS
- Power absorption about 2.5 Kw
- Voltage required V 400 + N - 50 Hz
- Maximum compressed air pressure 6 Bar

Via Ferraro Manlio, 11 - Z.I. Villa Fastiggi 61100 Pesaro - Tel. +39 0721 281380 Fax +39 0721 281996
P.Iva 021121490417 - www.comss.it - e-mail: info@comss.it