AREA ULTRA-P

The AREA ULTRA is an economical, heavy-duty, long stroke screen printing machine that can reproduce the finest details on the widest range of flat substrates up to 20 mm thickness. The squeegee/flood carriage on the AREA ULTRA travels across the long dimension of the machine instead of from back to front. The power full squeegees stroke is smoothly driven by a heavy-duty motor and sliding micro-sensor quickly adjust squeegee the stroke length. The AREA ULTRA is available in different models sizes ranging from 1400x3800 mm up to 1800x7000 mm. The semi automatic flat bed screen printing machine is built for years of reliable quality production. All Siasprint screen printing machines are equipped with safety devices, which are in accordance to the latest safety regulations.



STANDARD FEATURES

- O ff contact adjustment: a fine off contact adjustment enabling the printer to achieved cleaner, sharp print
- F ully adjustable squeegee: the squeegee is both angle adjustable and fully adjustable in pressure for the uniform deposit across the entire print area
- Adjustable squeegee/flood stroke: two sliding micro sensors located on the top of the machine allow an easy and quick adjustment for squeegee/flood stroke length.
- Adjustable squeegee/flood stroke speeds: for perfect printing result the printing head is equipped with a geared drive motor giving the possibility of infinitely variable squeegee/flood stroke speeds
- Heavy duty print table
- High lift printing head
- T wo operating cycles: manual and automatic with foot pedal.
- Control panel allows the complete control of all the functions to the operator.
- High efficiency motor fan for vacuum base stroke
- M icro register table: micrometer screws assure accuracy with 3-point control to easily and quickly adjust registration between image and print
- Safety bar for operator protection
- C ycle counter
- B lowback system: the printing table is equipped with the blowback system as an air cushion (as the reversal of the vacuum action) . This blowback system gives tremendous advantage aiding the fast removal of printed substrat difficult to handle.
- P re-vacuum system



OPTIONS

- Squeegee pressure equalizer: a perfect print result as an accurate and repeatable ink deposit can be achieved by a pneumatic squeegee pressure equalizer. A device which uses pneumatic pressure to equalize squeegee pressure on the printing table
- Pneumatic frame locking system



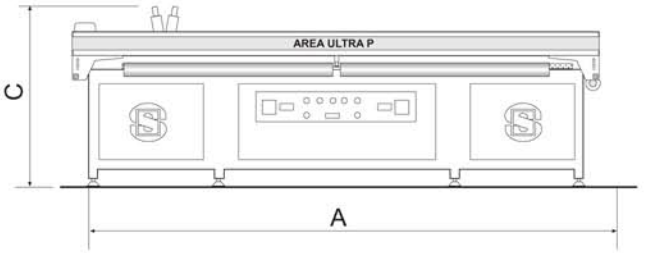
graphic

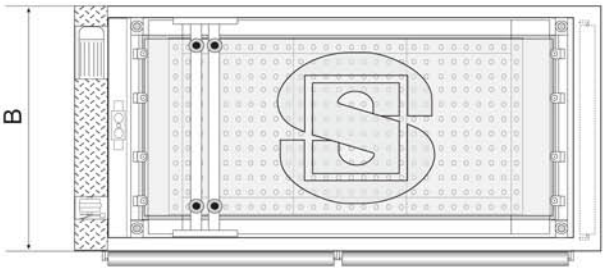
AREA ULTRA-P

AREA ULTRA-P - TECHNICAL DATA

TECHNICAL DATA	MODEL	140x380	140x550	160x380	160x550	180x380	180x550	180x700
Max print area	mm	1400x3800	1400x5500	1600x3800	1600x5500	1800x3800	1800x5500	1800x7000
	inch	55x150	55x217	63x150	63x217	71x150	71x217	71x276
Max stock area	mm	1520x3920	1520x5620	1720x3920	1720x5620	1920x3920	1920x5620	1920x7120
	inch	60x154	60x221	68x154	68x221	76x154	76x221	76x280
Max stock thickness	mm	20	20	20	20	20	20	20
	inch	0,8	0,8	0,8	0,8	0,8	0,8	0,8
Max frame size	mm	1900x4600	1900x6300	2100x4600	2100x6300	2300x4600	2300x6300	2300x7800
	inch	75x181	75x248	83x181	83x248	91x181	91x248	91x307
Max frame thickness	mm	60	60	60	60	60	60	60
	inch	2,4	2,4	2,4	2,4	2,4	2,4	2,4
Printing base area	mm	1600x4600	1600x6300	1800x4600	1800x6300	2000x4600	2000x6300	1950x8000
	inch	63x181	63x248	71x181	71x248	78x181	78x248	77x315
Vacuum base area	mm	1400x3800	1400x5500	1600x3800	1600x5500	1800x3800	1800x5500	1845x7100
	inch	55x150	551x217	63x150	63x217	71x150	71x217	73x280
Squeegee angle adjustment	deg	30	30	30	30	30	30	30
Squeegee vertical adjustment	mm	30	30	30	30	30	30	30
	inch	1,2	1,2	1,2	1,2	1,2	1,2	1,2
Flood-coater								
vertical adjustment	mm	30	30	30	30	30	30	30
	inch	1,2	1,2	1,2	1,2	1,2	1,2	1,2
Fine register adjustment	mm	±15	±15	±15	±15	±15	±15	±15
	inch	±0,6	±0,6	±0,6	±0,6	±0,6	±0,6	±0,6
Current rating	Kw	5,1	5,1	6	6	6	6	7
Electrical supply	V/Hz	by request						
Compressed air required	Lt/min	100	100	100	100	100	100	100
Air operating pressure	Atm	6	6	6	6	6	6	6
	Psi	0,4	0,4	0,4	0,4	0,4	0,4	0,4

OVERALL DIMENSIONS								
A - length	mm	5350	7050	5350	7050	5350	7050	8950
	inch	211	278	211	278	211	278	352
B - width	mm	2400	2400	2600	2600	2800	2800	3260
	inch	94	94	102	102	110	110	128
C - height	mm	2000	2000	2000	2000	2000	2000	2230
	inch	79	79	79	79	79	79	88





Due to SIASPRINT policy of continuous improvement all technical information for the machines illustrated in this brochure are not binding and subject to modification without prior notice.

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