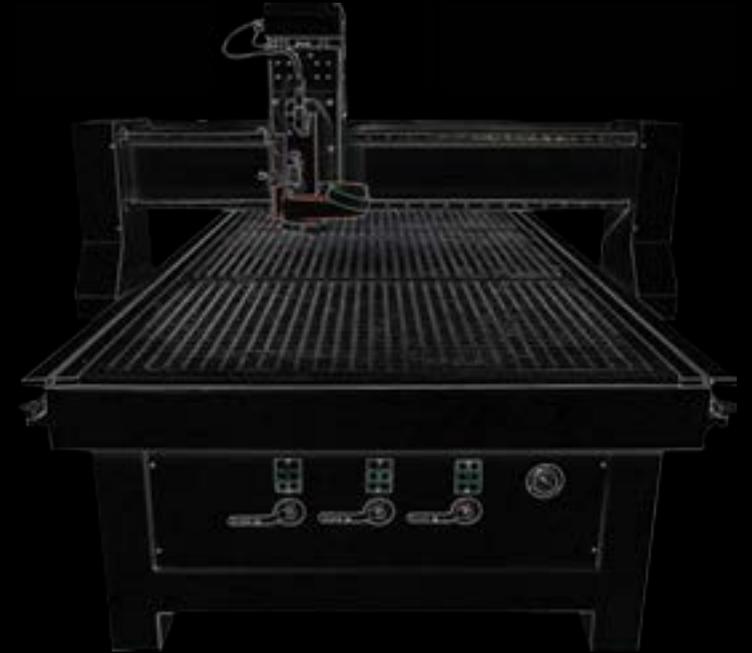




Crafting
Creative Solutions



Retail

**Printing Machines, CNC
Accessories & Raw Material**



Thanks to our clients' trust, Mastergroup has won the international award

"The Majestic falcon award for quality and excellence" 2016



Against all odds, our story strives in growth & excellence beside clients who entrust us in **Crafting Creative Solutions.**

WHO WE ARE

Located in the heart of Beirut, Mastergroup's services cover Lebanon and neighboring Arab countries. Leader in our industry with a dedication to providing the best quality services despite the tightest deadlines. Our philosophy has always been to acquire the latest technology available in the world enabling us to offer nothing but the very best to our clients.

With our high end mechanical product development & innovational abilities, CrystalJet accumulated the strength in the manufacturing industry during years.

The successful inkjet printers available in markets are: small flatbed inkjet printer in high resolution, Indoor & outdoor eco solvent inkjet printer, large format inkjet printer, UV flatbed inkjet printer, Industrial & High speed inkjet printer, etc.

Crystaljet has an independent R&D team and is an ISO9001:2000 certificated inkjet printer manufacturer. Products have been CE, UL certificated.

CRYSTAL JET 6000

Model	F6308IISPT510-50PL	F6308IISPT508GS-12PL
Print head type	SPT510-50PL	SPT508GS-12PL
Number of print heads	8	6
Print head combination	2x4	1x6
Print width	3220mm 126.77 inch	
Media width	3280mm 129.13 inch	
Print speed	Print mode	Speed
	Draft mode	2 pass 150sqm/hr
	Speed mode	3 pass 120sqm/hr
	Standard mode	4 pass 72sqm/hr
Ink type	Solvent ink	Cmyk



CRYSTAL JET 4000

Model	F4308IISPT510-50PL	F4308IISPT508GS-12PL
Print head type	SPT510-50PL	SPT508GS-12PL
Number of print heads	8	4
Print head combination	2x4	1x4
Print width	3220mm 126.77 inch	
Media width	3280mm 129.13 inch	
Print speed	Print mode	Speed
	Draft mode	2 pass 150sqm/hr
	Speed mode	3 pass 120sqm/hr
	Standard mode	4 pass 72sqm/hr
Ink type	Solvent ink	Cmyk



Ask for technical specifications & support



CRYSTAL^{JET}
outdoor printers
Sole agent for Lebanon and syria

K3-320 UV

Model		K3-320UV	
Print head type		RICHO GENS	SPT1024GS-&PL
Number of print heads		2-3	6-8
Print width		3220mm 126.77 inch	
Media width		3280mm 129.13 inch	
Print speed	Print mode	Speed	
	Draft mode	4 pass 48sqm/hr	4 pass 84sqm/hr
	Speed mode	6 pass 38sqm/ hr	6 pass 56 sqm/ hr
	Standard mode	8 pass 26sqm/ hr	8 pass 42sqm/ hr
Ink type	Uv ink		Cmyk L cW



CRYSTAL JET 7000

Model	F7312IIISPT510-50PL	F312IIISPT508GS-35PL	F308IIISPT508GS-312PL	
Print head type	SPT510-50PL	SPT510GS-35PL	SPT508GS-12PL	
Number of Print heads	12		8	
Print head combination	3x4		2x4	
Print width	3220mm 126.77 inch		3220mm 126.78inch	
Media width	3280mm 129.13 inch		3280mm 129.14 inch	
Print speed	Print mode	Speed		
	Draft mode	2 pass 227sqm/hr	3 pass 152sqm/hr	2 pass 260sqm/hr
	Speed mode	3 pass 194 sqm/ hr	4 pass 115 sqm/ hr	3 pass 180sqm/ hr
	Standard mode	3 pass 152sqm/ hr	6 pass 76sqm/ hr	4 pass 130sqm/ hr
Ink type	Solvent ink		Cmyk	



CRYSTAL^{JET}
outdoor printers
Sole agent for Lebanon and syria

T6 - 2513S - UV

Model		T61512E	T61513E	T62513	T61513s
Print head type		DX7 (DX5)	DX7	SPT1020_12PL	SPT1024GS
Number of Print heads		2	2	6-8	6-8
Print head combination		1x2	1x2	1x6+2	1x6+x2
Print width		1500 x12000mm (59x47.24 inch)		2500 x13000mm (98.43x51.18 inch)	
Print speed	Print mode	Speed			
	Draft mode	4 pass 13.5sqm/hr	4 pass 15sqm/hr	4 pass 36sqm/hr	4 pass 48sqm/hr
	Speed mode	6 pass 10sqm/ hr	6 pass 10.5sqm/ hr	6 pass 24sqm/ hr	6pass 28sqm/ hr
	Standard mode	8 pass 7.5sqm/ hr	8 pass 8qm/ hr	8 pass 18sqm/ hr	8 pass 21sqm/ hr
Ink type	Uv ink	KCMKLCm	KCMY	KCMKLCm	KCMY

CRYSTAL JET 3304

Comprehensive function, very good cost performance printer, when installed with 4-8 SPT510, SPT1020/35PL print head, The speed can be 92sqm - 95sqm/h



Ask for technical specifications & support



M5 - 200

Model		M5-200	
Print head type		EPSON DX5/ DX7	EPSON DX5113
Number of print heads		2	2
Print head combination		2x2	2x2
Print width		1900mm 74.8 inch	
Print speed	Print mode	Speed	
	Draft mode	4 pass 40sqm/hr	
	Speed mode	6 pass 30sqm/ hr	
	Standard mode	8 pass 24sqm/ hr	
Ink type	Sublimation ink	KCMY	



Q3

Model		Q3-170		Q3-200		Q3-320	
Print head type		Using 1/2/4 Epson print head 180 nozzles 8 lines 1 high quality up to 1440dpi					
Number of Print heads		1	2	1	2	2	
Print head combination		1x2	2x2	1x2	2x2	2x2	
Print width		1600mm 63 inch		1880mm 82.68 inch		3200mm 162inch	
Print speed	Print mode	Speed					
	Draft mode	4 pass 14sqm/hr	4 pass 24sqm/hr	4 pass 16sqm/hr	4 pass 28sqm/hr	4 pass 38sqm/hr	
	Speed mode	6 pass 12sqm/ hr	6 pass 18sqm/ hr	6 pass 11sqm/ hr	8pass 19sqm/ hr	6 pass 30sqm/ hr	
	Standard mode	8 pass 10sqm/ hr	8 pass 12sqm/ hr	8 pass 7sqm/ hr	8 pass 14sqm/ hr	8 pass 20sqm/ hr	
Ink type	solvent ink	KCMKLCm		KCMY			

Ask for technical specifications & support



As a model enterprise of laser intelligent manufacturing equipment HSG Laser has been providing key technology and pertinent integrated solutions to customers all over the world.



LASER CUTTING MACHINE

Processing Area	1300 x 900 mm
Max Cutting Speed	36m/min
Repeated Accuracy	± 0.1mm
Working Temperature	AC220V + - 10% 50Hz
Location Accuracy	0.1 mm
Machine Total Power	≤ 1250 W
Working temperature	0°C - 40°C
Blowing System	Lower blowing system (upper blowing system is available)
Formats	CDR, BMP, PLT, GPEG, DXF, DST
Applied Materials	Acrylic, LGP, MDF, Plywood, advertisement and decorating material, template cutting, especially designed for customers demanding high precision.



High-power fiber laser cutting
25mm-0.5 Specially used for cutting
20mm stainless-0.5 ,carbon steel
16mm a-0.5 ,steel



6000W full protection an-1000
25mm-0.5 Specially used for cutting
10mm stainless-0.5 ,carbon steel
6mm br-0.5 ,steel



3000W full protection s-1000
Professionally cutting square pipes,
round pipes, rectangle pipes, D
shaped pipes and He



3000W single table and-1000
14mm-0.5 Specially used for cutting
5mm stainless steel,-0.5 ,carbon steel
galvanized

Product Range

Non-metal laser cutter
Acrylic laser cutter
Fabric leather laser machine
Auto-feeding laser flat bed
CCD camera embroidery cutting
Movable platform laser engraver
Laser engraving machine
Crafts gifts laser engraving
More +
Laser cleaning machine
F laser cleaning machine
Laser welding machine
W laser welding machine
FW laser welding machine
Multifunctional laser bed
Metal and non-metal cutting bed
B series acrylic laser cutting Bed
LGP laser dotting cutter
Metal laser cutting machine
G fiber laser cutting machine
M fiber laser cutting machine
T metal tube laser cutting machine
3D R fiber laser cutting machine
Precision laser cutting machine
F fiber laser cutting machine

AW-320 (s/w)

Specification	AW320
Printhead	Micro piezo print head
Inks	Water-based / thermal transfer / solvent-based
Maximum Printing Width	320 cm
Resolution	540 dpi, 720 dpi, 1440 dpi
Printing modes	2pass, 3pass, 4pass, 6pass, 8pass, 12pass
Speed with single printhead	32m ² /h, 22m ² /h, 16m ² /h, 11m ² /h, 8m ² /h, 5.5m ² /h
Speed with two printhead	64m ² /h, 44m ² /h, 32m ² /h, 22m ² /h, 16m ² /h, 11m ² /h
Four heads printing speed	128m ² /h, 88m ² /h, 64m ² /h, 44m ² /h, 32m ² /h, 22m ² /h
Ink cassette capacity	1000cc/color
Three heating sections	Pre-heater, printing bed heater, rear heater 30°C - 65°C
Picture drying system	Standard configuration: infrared heating with fan drying



After years of development, thousands of Allwin clients have already become the leaders in their markets successfully with ALLWIN outstanding advantage in products and service. Allwin has already established a complete agent network worldwide.



Grand machine appearance, promoting enterprise's image

Standard equipped display: keyboard and display integrated with machine blazonry and convenient

E500 standard equipped with sliding feeding guide rail, it fits for different width media and ensures media printing is smoother

Product Range

Series Konica printer of Konica printhead
Series Epson printer of Epson printhead
Digital textile printing machine
Series printer of platform UV
Series printer of UV roller to roller
Series printer heat transfer
Series printer of Soft film
Series of printer sublimation

Ask for technical specifications & support

Master Router



CNC ROUTER

No.	Description	Parameter
1	X,Y,Z working area	1220 x 244 x 200 mm
2	Table size	1320 x 3040 mm
3	X,Y,Z repositioning positioning accuracy	+ - 0.03/300 mm
4	Table surface	T-slot
5	Frame	Cast steel
6	X-Z structure	TaiWan Hiwin Ball 2.0 roll
7	Y structure	Screw Ball and Hiwin Rail Linear Bearings
8	Max. Power consumption (without spindle)	6 KW
9	Max. Rapid Travel Rate	50.000 mm/min
10	Max. Working Speed	40.000 mm/min
11	Spindle Power Motor	3.5 KW water - cooled spindle
12	Spindle speed	0.24000 RPM
13	Drive Motors	Stepper System
14	Working Voltage	AC220V/50/60Hz, AC380V/50/60Hz
15	Command Language	G code

FOISON VINYL CUT

Model	C48 Pro
Acceptable Media Width	1300 mm
Max. Cutting Width	1200 mm / 48 inch
Operating system	Windows XP / Vista / Win 7 32bits / 64bits, Mac OSX 10.2.8
Interface	RS232C, USB
Control Panel	10 Silica gel buttons
Drawing Instruction	HP - GL, DMPL
Max. Cutting Thickness	1 mm
Pressure	50g-800g Adjustable
Mechanical Precision	0.025 mm
Repeat Accuracy	< + - 0.1 mm
Power Supply	AC90-240V/50Hz-60Hz
Positioning Mode	Bounded System, Randow Original Point Setting
Work Mode	Roller
Operating Environment	Temperature: +5°C - 35°C, Relative Humidity: 30% - 70%
Support Mode	Stand
Net Weight	1530*265*270 mm 32kg
Gross Weight	1595*380*395 mm 36kg

Foison

Foison Technology Ltd. regards producing world-class cutting plotter as its own duties, aiming to build global trade brand



Product Range

Vinyl Cutter			
C Stepper series	C12 stepper vinyl cutter	C24 stepper vinyl cutter	C48 stepper vinyl cutter
E Stepper series	E24 vinyl cutter		
V PRO stepper Professional	C24 Pro vinyl cutter	C48 Pro vinyl cutter	C60 Pro vinyl cutter
X stepper Professional series	X24 Vinyl Cutter	X48 Vinyl Cutter	
S servo series	S24 servo vinyl cutter	S48 servo vinyl cutter	
K14 Mini Cutter	Mini Cutter		
Flatbed Cutter			
A4030	A4030 Flatbed Cutter		
A6050			
A9060	A9060 Flatbed cutter		
Reflection vinyl cutter			
M48 Reflection Cutter	RF48- reflection vinyl cutter		
M60 Reflection Cutter			
Tile Saw			
Electric tile saw	T1000 Tile Saw	T800 Tile Saw	

Ask for technical specifications & support



PRED8TOR / DOMIN8TOR

	PRED8TOR	DOMIN8TOR
Dimensions		
Width	6.2 m (244 in)	6.6 m (260 in)
Depth	3.05 m (120 in) including roll-to-roll, 2.08 m (82 in) excluding roll-to-roll	2.8 m (110 in)
Height	1.68 m (66 in)	1.72 m (68 in)
Weight	4318 kgs (9500 lbs) crated (+1136 kg rewind unit (2500 lbs) crated)	3400 kgs (7500 lbs) uncrated (+ 1300 kgs (2500 lbs) crated)
Footprint	6.2 m x 3.2 m x 1.68 (244 in x 120 in x 66 in)	6.6 m (260 in) x 4.1 m (164 in) x 1.72 m (68 in)
Crate sizes	(H) 2.19 m (86 in) x (D) 2.44 m (96 in) x (W) 6.5 m (256 in)	(H) 2.19 m (86 in) x (D) 2.44 m (96 in) x (W) 6.9 m (272 in)
Roll-to-roll unit	(H) 1.22 m (48 in) x (D) 1.83 m (72 in) x (W) 3.25 m (128 in)	None

User Interface	
Console	Full machine control and trouble-shooting diagnostics
Print PC	Windows / Macintosh

Printing Technology	
Heads	4-8 blades with the following options: CMYK+White or CMYK+LC+LM+White+Varnish or CMYK+LC+ LM+2xWhite or 2xCMYK, Resolution 1200 DPI
Drop size	Ricoh 6 picoliter drop size, variable dot, Rip optional: Caldera, ErgoSoft, Onyx

Inks and Curing	
Inks	LED or UV ink
Curing	Led or UV lamp with variable power setting (10%-90%) Tack free immediatly after printing for stacking/Rolling
Ink tanks	Pre-filled disposable units to reduce ink contamination
Durability	Outdoor up to 2 years



FASCIN8TOR

Dimensions	
Length	9315 mm
Width	1395 mm
Height	2033 mm
Weight uncrated	6000Kg
Weight crated	7200Kg
Footprint	-
Crate sizes	L= 9670 mm x H=2390 mm x W= 1640 mm

User Interface	
Server / connection	Available for mobile connection allows printer control and trouble shooting diagnostics
Operating systems	RIP Files can be sent from Windows or Macintosh

Printing Technology	
Printheads	Ricoh 6 Picoliter, variable dot giving sharp photographic images at 1200dpi quality + 2400 perceived quality
Color configuration	Double CMYK/ CMYK+Lc+Lm+2*W/ CMYK+Lc+Lm+W+Varnish
Cleaning	Automated printhead cleaning to achieve continuous quality printing

Inks and Curing	
Inks	LED or UV ink are available
Curing	42cm(16") JetCure lamp with variable power setting (10%-90%) Tack free immediatly after printing for stacking/Rolling
Ink Delivery System	Ink cartridges for easy installation without contamination
Durability	Up to 5 years indoors (depending on environment)/ Up to 2 years outdoors (depending on location)



SOFTJET

Printing Width	180, 260 and 330 cm
RIP Software	Basic RIP Included, Caldera / Onyx / Ergosoft optional
Max fabric roll weight	120 kg
Max fabric roll diameter	350 mm
Power Supply	400V/32 Amps 3phase
Resolution	max 1200 dpi
Ink Bulk System	4 x 2.5 ft
Max fixation temperature	200 °C
Dimension	530x120x160h cm
Power Consumption	12 KW
Calender Type	Specially Developed for maximum heating homogeneity
Environmental Requirements	20-25°C, Humidity 45-80%



Ask for technical specifications & support

Top-Banners

A Completed Printing Solution Provider

Industrial directly fabric printing, Fastening & Saving



12PL SPT508GS Industrial printhead at 200sqm production speed by 3 pass



Model	F2280	F2200
Print head type	Seiko 508GS*8	Seiko 508GS*4
Number of print heads	2200mm	2200mm
Speed	480 x 2 pass	160 (sqm/ h)
	480 x 3pass	120 (sqm/ h)
	480 x 4 pass	80 (sqm/ h)
	360 x 3 pass	200 (sqm/ h)
	360 x 4 pass	160 (sqm/ h)
	360 x 6pass	100 (sqm/ h)
Ink type	Dye-sublimation ink	

RAW MATERIALS

We provide raw material to all kind for printing (Lamination, PLEXI, Photo Paper, Flex, Foam Board, Chemicals, Electricity, Fabric, PVC, Vinyl)



INK FOR PIEZOELECTRIC PRINTER (SOLVENT BASED)



SK4 SOLVENT INK



- ▶ CMYK
- ▶ Preserving temperature: 15 to 30°C, relative humidity 40 – 60%
- ▶ The optimal printing temperature
- ▶ Advised usage time: 2 weeks after unpacking
- ▶ Pay attention to airproof preserving guarantee: 12 months
- ▶ Made in China

Caution: keep out of children reach

MEANWELL DRIVERS



PACKING LIST

Product name	Total Qty	pcs/carton	size/carton (cm)	gross weight/ carton	total carton		
Meanwell driver HLG-120H-12A	96	12	39x31x18	14,4	8	0,17	115,2
Meanwell driver HLG-150H-12A	48	12	39x31x18	14,8	1	0,09	59,2
Meanwell driver HLG-185H-12A	12	12	39x31x18	14,8	1	0,02	14,8
Meanwell driver HLG-240H-12A	12	12	39x32x18,5	16,6	1	0,02	16,6



ALUCOBOND (ACP) CLADDING

FOR CONSTRUCTION PROJECTS



Aluminium Composite Panel is a material used in the construction industry since it provides high sound and heat insulation, additional to its high surface durability.



Fixation structure



ACP

Material

ACP building wrap



Behind City Center
Beirut, Lebanon



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