CUBEJET

RIGHT SIZE FOR YOUR BUSINESS

Due to Matrix CUBEJET wide range of applications you can choose between 4 standard table sizes.
Additionally to our customer satisfaction your printer can be customized in width and height according to your needs.

	CUBEJET 1206	CUBEJET 1806	CUBEJET 1211	CUBEJET 2511
PRINT AREA	**590 x 1200 mm**	**590 x 1800 mm**	**1100 x 1200 mm**	**1100 x 2500 mm**
HEAD CLEARANCE	**0,5 - 420 mm**			
OBJECT WEIGHT	**50 kg/m2 (10.2 lb./ft2), non-concentrated load**			

CUBEJET INK

Azon TurboJet

Azon CUBEJET is fueled with Azon TurboJet Ink.
UV TurboJet inks are specially developed to ensure vivid colors and maximum fastness on almost any material. In case of materials with extremely smooth surface texture, primer is available to make sure that each CUBEJET user can achieve outstanding and satisfying print results.

EN 71-3 Approved

To increase Matrix UV range of applications TurboJet inks fulfill even the toughest EU regulations and norms. TurboJet is phthalate free ink.

Vivid Colors

Due to specially designed formula TueboJet inks provide vivid color on almost any material. Graphic printed with TurboJet will not fade over time .

Increased Adhesion

No drying time needed, once printed your product is ready for further processing.

CONTI System

Each CUBEJET is equipped with CONTI ink system [continues ink supply]. CONTI allows for printer to be refilled with ink during the printing operation which translates to zero time loss during the refill. CUBEJET printers use 6 bulks with capacity of 500 ml each.
[White bulks are equipped with on demand ink agitation]

CUBEJET SERIES INK SYSTEM CONFIGURATION

6x 500ml bulks CMYK + Varnish + White

6x 500ml bulks CMYK + 2x White

[custom configurations are available]

RIP SOFTWARE

AZON RIP

With Azon RIP software you are getting absolute control over your CUBEJET printer.
Even the most complicated and creative ideas are just few clicks away from being printed.

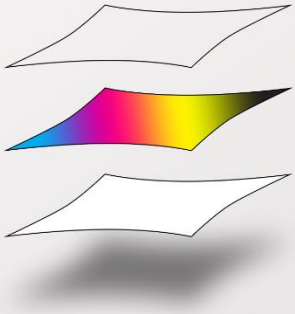
FROM A SIMPLE TILE TO MOSAIC ART

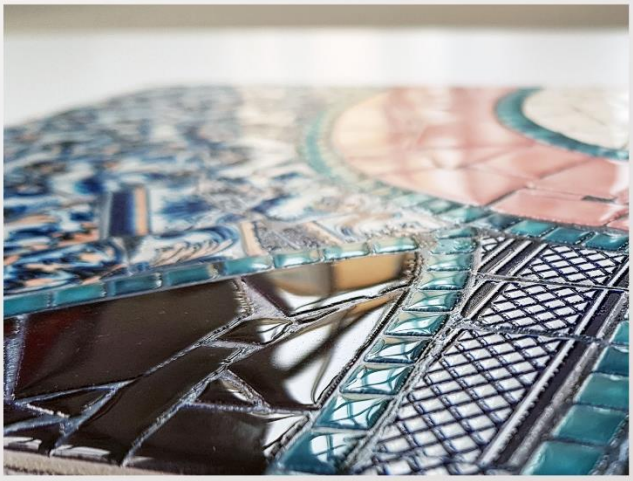
With individual control of each channel you can define up to
5 layers to create stunning effects
on material like a simple tile.

Varnish Ink Layer
shiny finish on top

Color Ink Layer
super realistic colors

White Ink Layer
creating emboss effect





With ink cost calculator you will have precise data abut ink cost for each graphic even before print.
Advanced profiling allows for optimum ink consumption while delivering perfect results.

ADA BRAILLE PRINT

Predefined settings for printing by ADA Braille
standard. [settings ca be adjusted according to
requested ADA BRAILLE grade]

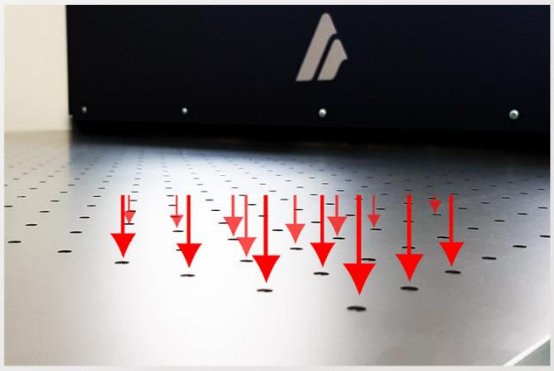
NOZZLE PER CHANNEL

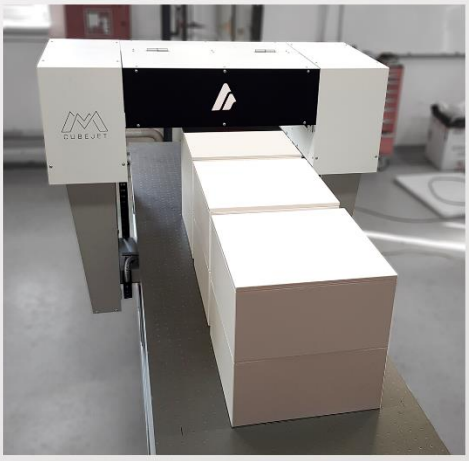
While printing on rotary add on you can regulate
number of nozzles used per channel. Nozzles
regulation allows for printing on round objects
with perfect print results every time .

FEATURES

SELECTIVE VACUUM

All printers within Matrix UV series are equipped with vacuum tables. Vacuum tables are separated into zones which can be easily turned on and off depending on size of the material.





LOOP MODE

Feature which will enable you to make precision calculation how much time you need to create certain amount of required products. Simply send amount of copy's you need form RIP software to and turn on loop mode. When printer is finished with the first substrate it will move gantry to second one. While second substrate is printed you can safely remove first one and replace it with blank one. When the second substrate is done gantry will go back first one. This will continue until all copy's you send form RIP are printed.

ROTARY ATTACHMENT

A plug and play add on for every Matrix UV printer. Rotary attachment together with Azon RIP software will make your application spectrum even wider.
[Max. Diameter 33 cm]

SPECIFICATIONS

	CUBEJET1206 / 1806 / 1211 / 2511
SUBSTRATE	
PRINT AREA	590 mm x 1200 mm / 23.22" x 47.24" | 590 mm x 1800 mm / 23.22" x 70.86" | 1100 mm x 1200 mm / 43.30" x 47.24" | 1100 mm x 2500 mm / 43.30" x 98.42"
APPCEPTABLE MEDIA	700 mm x 1900 mm / 27.55" x 74.80" | 700 mm x 2500 mm / 27.55" x 98.42" | 1200 mm x 1900 mm / 47.24" x 74.80" | 1200 mm x 3200 mm / 47.24" x 125.98"
CLEARANCE	0,5-420 mm / 0,01"-16.53"
MAX WEIGHT	50 kg/m2 (110.2 lb./ft2), non-concentrated load
FIXTURE [VACUUM]	3 ZONES TABLE , 1 pump / 6 ZONES TABLE , 2 pumps
MATERIAL TYPE	WOOD STONE PLASTIC PET, PE, PVC, PP, PS, PLA, PC, PMMA, POM, PA, ABS GLASS CERAMIC METAL
PRINT	
PRINT TECHNOLOGY	Ink-jet[On-demand piezo]
DROP SIZE	3,5 - 21 picolitre
PRINT RESOLUTION	360 dpi 720 dpi 1080 dpi 1440 dpi 2880 dpi
SPEED	3,20 SqM/Hr 34.44SqFt/Hr / 3,66 SqM/Hr 39.39SqFt/Hr
ABSOLUTE ACCURACY	+/- 0.01 (0.3 mm) or +/- 3% from specified print distance
REPEATABILITY	+/- 0.008 (0.2 mm) or +/- 1% from specified print
INK CONSUMPTION	CMYK 9,68 ml/SqM White 2,42 ml/SqM
INK	
TYPE	AZON UV TurboJet, certified EN 71-3, Phthalate free
CURING	ADJUSTABLE UV LED
COLORS	CMYK / WHITE / VARNISH
PRIMER	AZON UV CERTIFIED PRIMER
SUPPLY SYSTEM	500ml INK TANKS
INK CIRCULATION SYSTEM	White ink circulation using Azon Circulation Technology [ACT]
SOFTWARE	
RIP	AZON RIP 64 bit with ADA Braille translator
OPERATIONAL ENVIRONMENT	
TEMPERATURE	+15°C to 30°C / 59F-86F
HUMIDITY	35-65% RH (non-condensing)
POWER 220V/110V	
STANDBY CONSUMPTION	95 W
MAX CONSUMPTION	2,6 kW / 5 kW
ASSEMBLED DIMENSIONS	
(W×D×H)	1330 mm x 2300 mm x 1150 mm / 52.36" x 90.55" x 45.27" | 1330 mm x 2900 mm x 1150 mm / 52.36" x 114.17" x 45.27" | 1850 mm x 2300 mm x 1150 mm / 72.83" x 90.55" x 45.27" | 1850 mm x 3600 mm x 1150 mm / 72.83" x 141.73" x 45.27"
WEIGHT	250 kg / 551 lbs | 390 kg / 661 lbs | 270 kg / 705 lbs | 630 kg / 992 lbs