AROJA XORFEX

DIGITAL SOLUTIONS

MEET OUR PROJECT SOLUTIONS

FIND THE BEST PRINTING TECHNOLOGY FOR YOUR BUSINESS

DIGITAL PRINTING AND INDUSTRIAL AUTOMATION

AROJA XORFEX IS A LEADER IN THE DEVELOPMENT AND SUPPLY OF INDUSTRIAL DIGITAL INKJET PRINTING MACHINES, 3D PRINTERS AND DEDICATED EQUIPMENT WITH A HISTORY SINCE 2005.

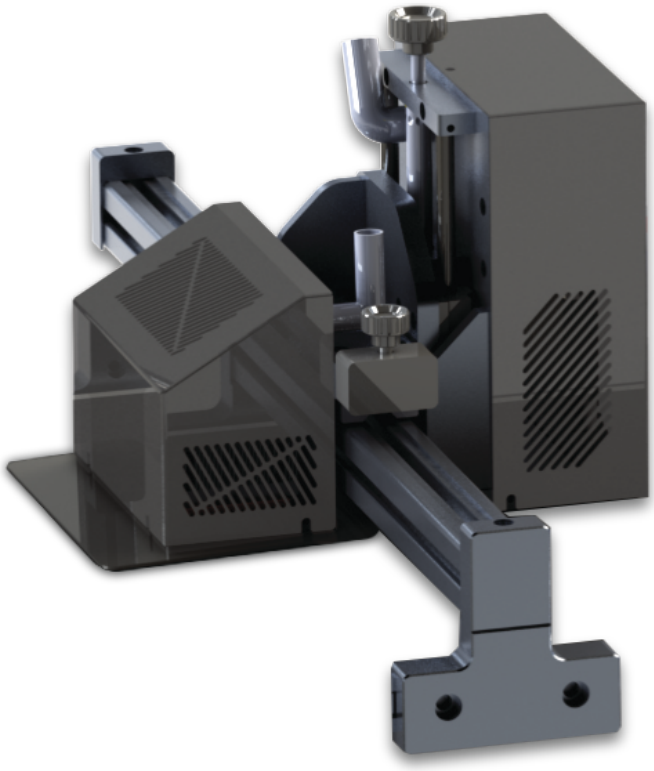
AMONG OUR SOLUTIONS ARE SUPPLY OF DIGITAL INKJET PRINTING TECHNOLOGY FOR PRINTING ON LARGE-FORMAT PANELS, ROTARY OBJECTS, STICKERS, LABELS AND SPECIAL CUSTOM MADE SOLUTIONS TO WORLDWIDE CUSTOMERS.

OUR MISSION IS TO BE A STABLE, RELIABLE AND HONEST PARTNER.

HIGH-SPEED DIGITAL INKJET PRINTING MODULES DESIGNED FOR PERSONALIZED DATA PRINTING.

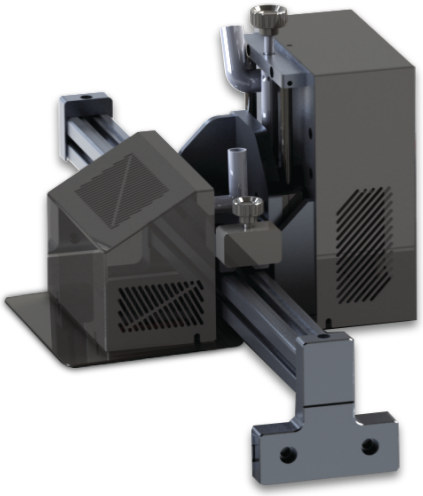
AXINKJET

INDUSTRIAL INKJET MARKING



PRINTING UNITS

PU LITE

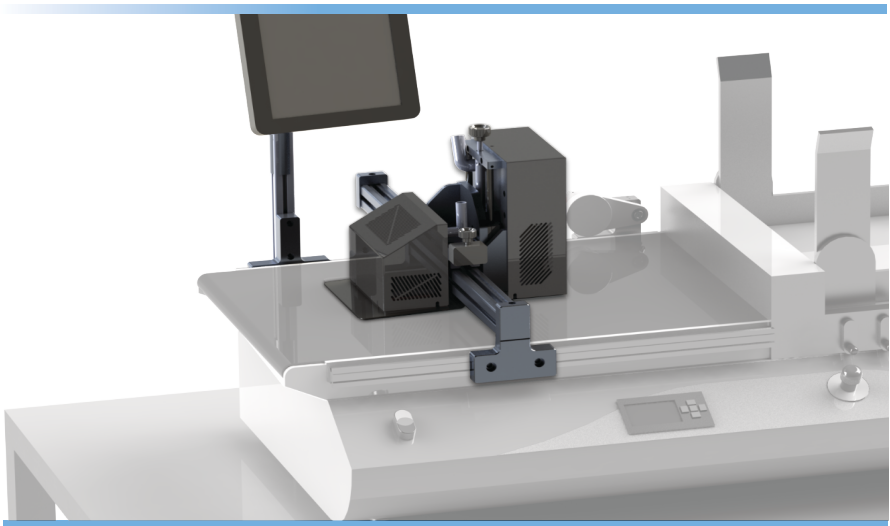


AXINKJET CODING, MARKING AND LABELING PRINTERS ARE DESIGNED TO PRINT QR CODES, BAR CODES, PERSONALISED INFORMATIONS AND ANY OTHER DATAS.

PRINT UNITS PU LITE SERIES ARE EASY TO HANDLE AND VERY PRODUCTIVE DEVICES TO BE INTEGRATED ON ANY TYPE OF PRINTING TABLES AND MACHINES.

ESPECIALLY SUITABLE FOR PRINT ON:

- CARDBOARD BOXES
- PACKAGES FOR COSMETICS, MEDICAMENTS AND ALL OTHER PRODUCTS
- LABELS

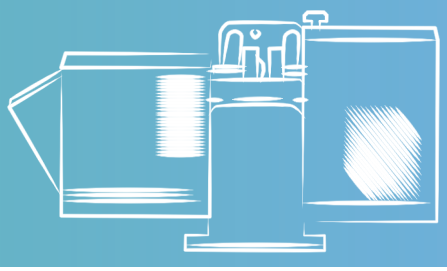


TECHNICAL DATA:

- AVERAGE PRINTING SPEED WITH ONE COLOR: 10 - 80 M/MIN
- HOURLY PRODUCTIVITY UP TO 14 400 PCS
- PRINT RESOLUTION: UP TO 600 X 1800 DPI
- TYPE OF INK: UV, UV LED, SOLVENT, WATERBASE, OIL BASE ..
- STANDARD PRINTING WIDTH: 72 MM
- INK ACTIVATION: UV LED LAMP / FINAL ACTIVATION UV LAMP OR IR LAMP POSSIBLE
- OBJECT LOADING BY AUTOMATIC LOADER OR MANUALLY
- ELECTRIC ENERGY CONSUMPTION: FROM 1.9 TO 5.7 KWH (DEPENDS ON WIDTH OF THE UNIT)
- OPERATING SOFTWARE: AXPRINT

WATCH OUR PU LITE VIDEO PRESENTATION!

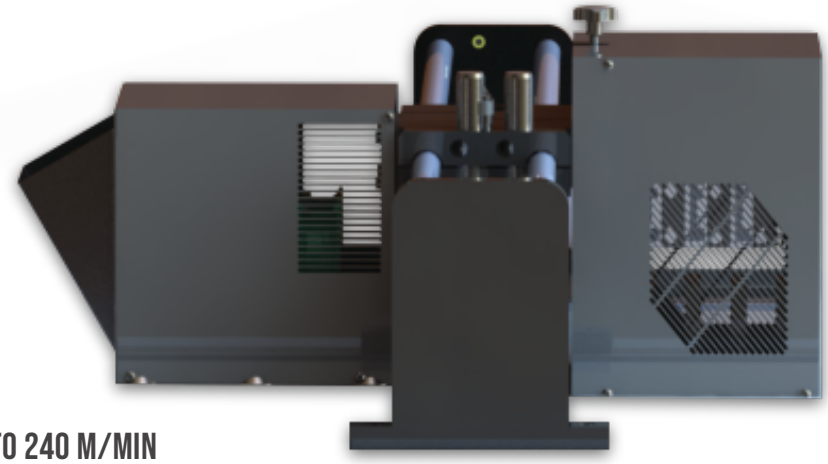
PU ROBUST



PRINTING UNITS PU ROBUST SERIES ARE DEVELOPED FOR VERY HIGH-SPEED PRINTING JOBS AND HIGH-QUALITY PRINT DEMANDS INCLUDING SPOT VARNISHING AND MULTICOLOR SINGLE PASS PRINTING.

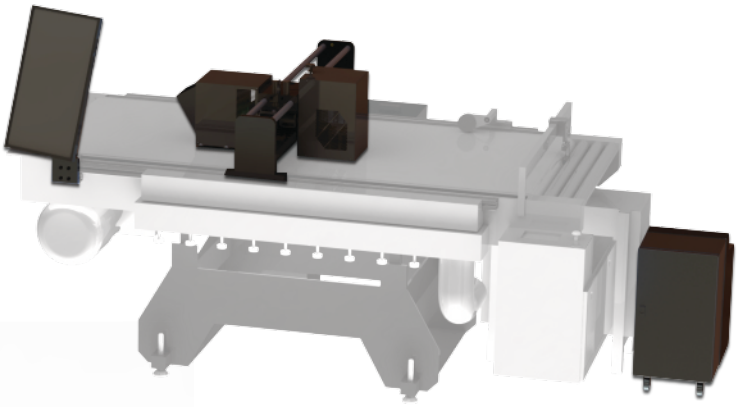
ESPECIALLY DESIGNED TO PRINT ON:

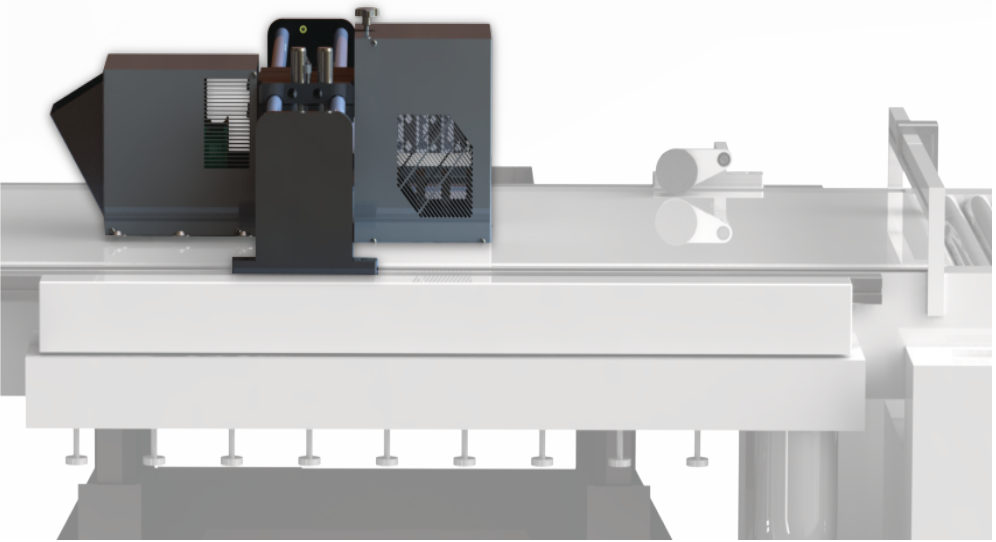
- LEAFLETS AND PROSPECTS
- ENVELOPES AND LETTERS
- LABELS AND STICKERS



TECHNICAL DATA:

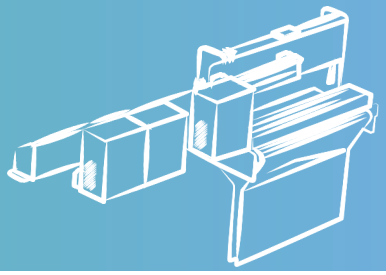
- AVERAGE PRINTING SPEED WITH ONE COLOR: UP TO 240 M/MIN
- THE HIGHEST PRINT RESOLUTION: 600 X 1800 DPI
- PRINTING WIDTH: UP TO 1600 MM
- TYPE OF INK: UV, UV LED, SOLVENT, WATERBASE, OIL BASE
- INK ACTIVATION: UV LED LAMP / FINAL ACTIVATION UV LAMP / IR LAMP
- OBJECT LOADING BY AUTOMATIC LOADER OR MANUALLY
- ELECTRIC ENERGY CONSUMPTION: FROM 3,6 - 7.2 KWH (DEPENDS ON WIDTH OF THE UNIT)
- OPERATING SOFTWARE: AXPRINT

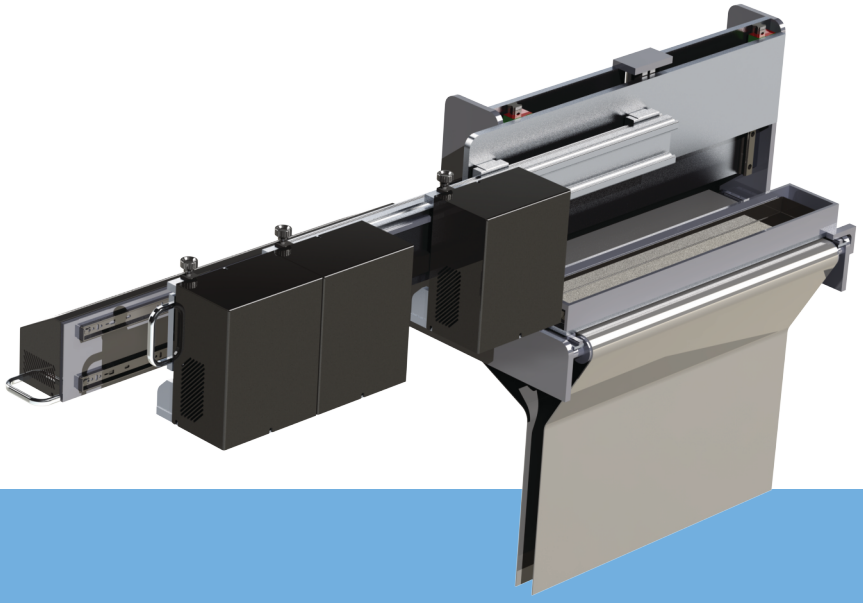




WATCH OUR PU ROBUST VIDEO PRESENTATION!

PU FLEXO

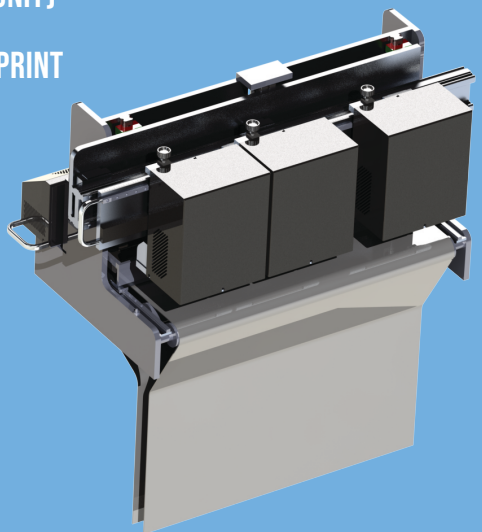




PRINTING UNITS PU FLEXO SERIES ARE EASY TO HANDLE AND VERY PRODUCTIVE DEVICES TO BE INTEGRATED ON ANY TYPE OF PRINTING TABLES AND MACHINES.

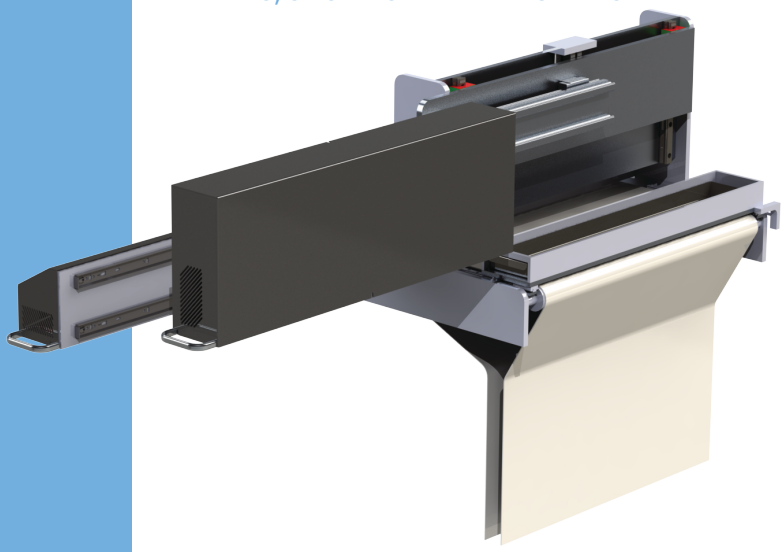
TECHNICAL DATA:

- AVERAGE PRINTING SPEED WITH ONE COLOR: UP TO 320 M/MIN
- HOURLY PRODUCTIVITY UP TO 700 000 PRINT / HOUR
- PRINT RESOLUTION: UP TO 600 X 1800 DPI
- TYPE OF INK: UV, UV LED, SOLVENT, WATERBASE, OIL BASE ..
- STANDARD PRINTING WIDTH: UP TO 1600 MM OR 3 INDEPENDENT UNITS
- INK ACTIVATION: UV LED LAMP / FINAL ACTIVATION UV LAMP OR IR LAMP POSIBLE
- OBJECT LOADING BY AUTOMATIC LOADER OR MANUALLY
- ELECTRIC ENERGY CONSUMPTION: FROM 2,7 TO 11,.7 KWH (DEPENDS ON WIDTH OF THE UNIT)
- OPERATING SOFTWARE: AXPRINT



ESPECIALLY SUITABLE FOR PRINT ON:

- ROLL TO ROLL PRODUCTS
- FOILS
- LEAFLETS
- SPOT VARNISHING
- LABELS, STICKERS AND MANY OTHERS

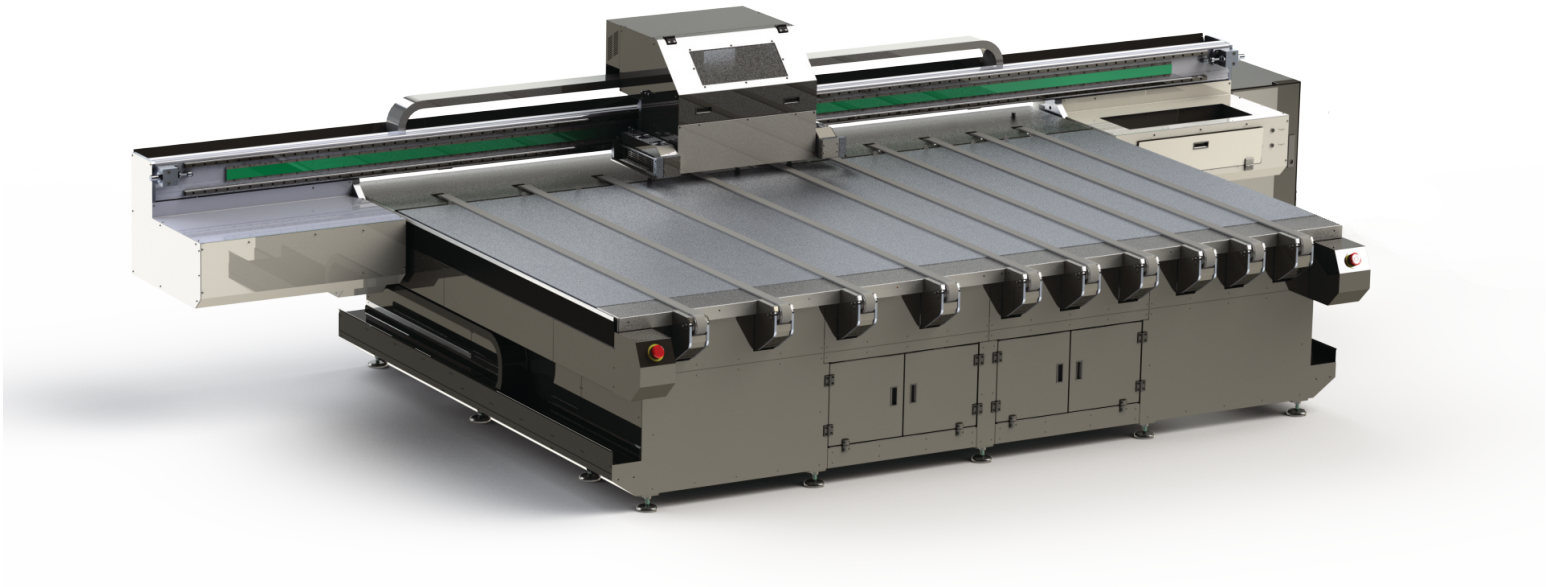


BOURBON
FINEST WHISKEY
BRANDY
MANILA ART FEST
JULY 5-7 2020
hometown
COFFEE
AX INKJET

PRINTING MACHINES DESIGNED FOR VERY FAST PRINTING ON CERAMIC, WOODEN, PLASTIC, PAPER AND OTHERS.

AXPANEL

THE FUTURE OF GARAGE DOOR INDUSTRY



FLAT PRINTING

TFP

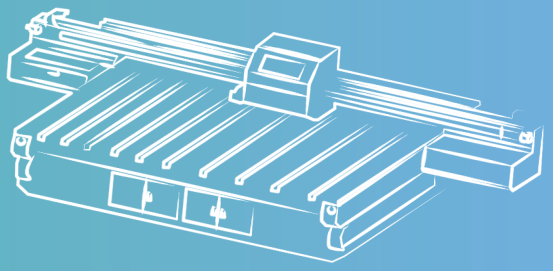
PRINTING MACHINE TYPE TFP FOR SMALLER FLAT PANELS AND EXPERIMENTAL PRINT WITH UV INK

TECHNICAL DATA:

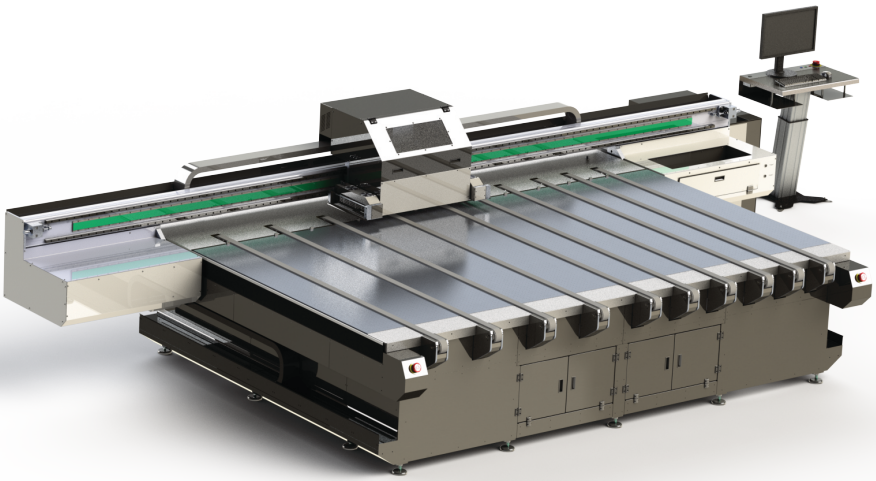
- RESOLUTION: 360 X 360 DPI
- DIMENSIONS OF THE PANELS: 353 X 500 MM
- POWER CONSUMPTION: 3.0 KWH
- ACTIVATION OF INK: UV LAMP / LED UV UNIT
- MANUALLY ADJUSTABLE PRINTING HEIGHT 0 – 200 MM
- AUTOMATIC TILTING OF A PANEL FOR PRINTING ON THE EDGE
- OPERATING SOFTWARE: AXPRINT

- CREATIVE PRINTING ON SMALLER ITEMS IN VERY HIGH OPTICAL RESOLUTION.
- AUTOMATIC TILTING OF PANELS FOR PRINTING ON EDGES.
- PRINT IN THE CMYK COLOR CONFIGURATION EXTENSIBLE TO ADDITIONAL COLOR CHANNELS (WHITE, VARNISH, SPOT COLOR)

FB



PRINTING MACHINE TYPE FB FOR VERY FAST PRINTING ON FLAT WOODEN, PLASTIC, PAPER AND OTHER PLATES BUT MODIFIED TO SPECIFIC REQUIREMENTS ON DIMENSIONS OF THE CUSTOMER

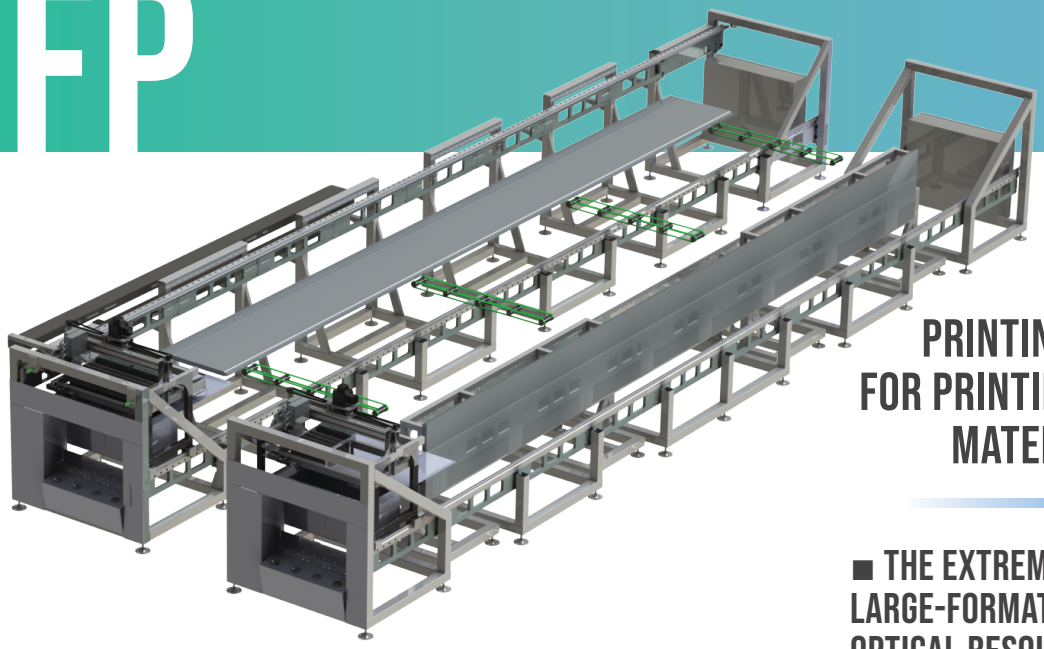


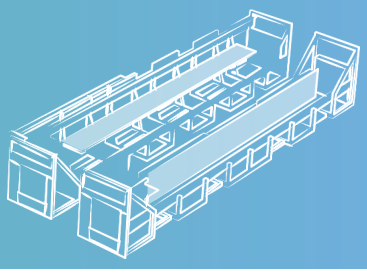
TECHNICAL DATA:

- DIMENSIONS OF PRINTING ITEM: UP TO 4000 X 2000 MM (COULD BE ADJUSTED BASED ON CUSTOMER REQUIREMENTS)
- NO. OF CHANNELS: UP TO 8 CHANNELS
- WAY AND PRODUCTIVITY OF PRINT: BIDIRECTIONAL UP TO 120 M2 / HOUR
- AVERAGE CONSUMPTION: 24 ML / M2
- PRINTING HEADS: KONICA MINOLTA, XAAR, KYOCERA, SEIKO, RICOH...
- MAXIMUM NO. OF PRINT HEADS: UP TO 32 PRINTING HEADS

- THE BASIC ELEMENT IS AN ADVANCED PRINT MODULE FITTED WITH SEVERAL ROWS OF PRINT HEADS KONICA MINOLTA, XAAR OR OTHER PRODUCERS.
- THE MACHINE IS CALCULATED THAT THE PRINTING PROCESS IS MADE BY BOTH DIRECTIONS (FROM 2PASS TO 8PASS) TO KEEP AS HIGH PRODUCTIVITY AND QUALITY AS POSSIBLE.
- PRINTED MODULE IS DESIGNED AS A WELDED FRAME WITH A PULL-OUT PRINT MODULE FOR EASY MAINTENANCE AND CONTROL OF THE PRINT HEADS.
- THE PRINT IS DONE BY SEVERAL RUNS OVER THE SURFACE OF THE STEM LENGTHWISE.

FP





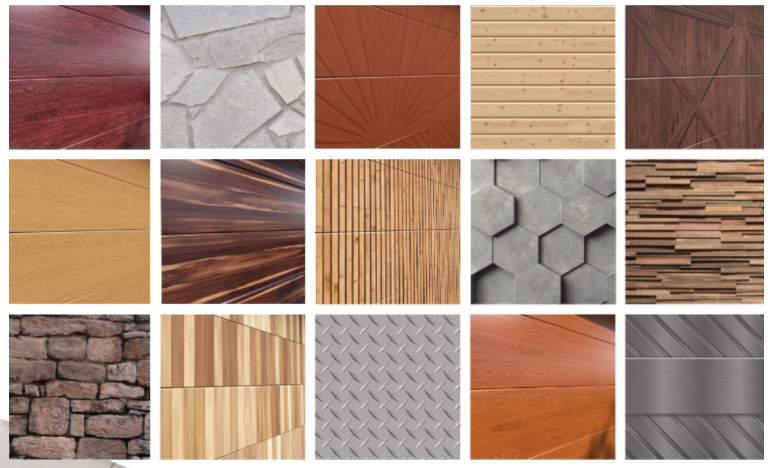
PRINTING MACHINE TYPE FP FOR PRINTING ON PANELS AND FLAT MATERIALS WITH UV INK

- THE EXTREME SPEED OF PRINTING ON LARGE-FORMAT MATERIALS IN VERY HIGH OPTICAL RESOLUTION.
- THE MACHINE IS ADJUSTABLE FOR A PRINTING WIDTH OF UP TO 1100 MM AND LENGTHS OF UP TO 10 000 MM.
- AUTOMATIC TILTING OF PANELS FOR PRINTING ON EDGES.
- PRINT IN THE CMYK COLOR CONFIGURATION EXTENSIBLE TO ADDITIONAL COLOR CHANNELS (WHITE, VARNISH, SPOT COLOR)

TECHNICAL DATA:

- PRINT RESOLUTION: 360 X 360 DPI
- OPTICAL RESOLUTION: 2160 X 2160 DPI
- DIMENSIONS OF THE PANELS: UP TO 1100 X 10 000 MM (DIMENSIONS ARE ADJUSTABLE ACCORDING TO CUSTOMER'S REQUIREMENTS)
- ELECTRIC ENERGY CONSUMPTION: 7,2 – 10,9 KWH
- ACTIVATION OF INK: UV LAMP / UV LED LAMP
- AUTOMATICALLY ADJUSTABLE PRINTING HEIGHT 0 – 70 MM
- CHECK OF PANEL PLACEMENT BEFORE PRINTING
- AUTOMATIC DETECTION OF THE BEGINNING OF A PANEL AND ITS LENGTH
- AUTOMATIC TILTING OF A PANEL FOR PRINTING ON THE EDGE
- OPERATING SOFTWARE AXPRINT

WATCH OUR AX PANEL VIDEO PRESENTATION!



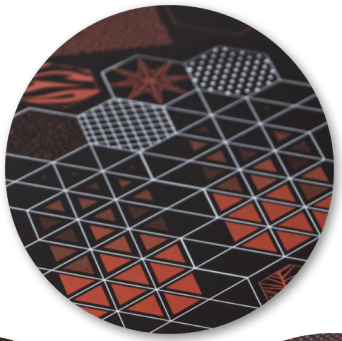
AIRBAG

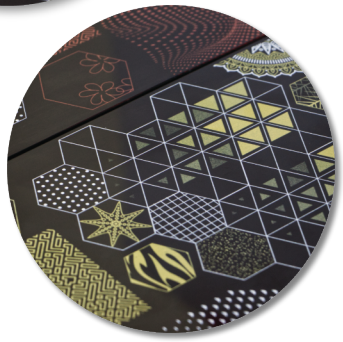
GPBAX
MEASUREMENTS DIGITAL PRINT

aroja xorfex

aroja xorfex
digital solutions

GPBAX
Smallest Possible Size





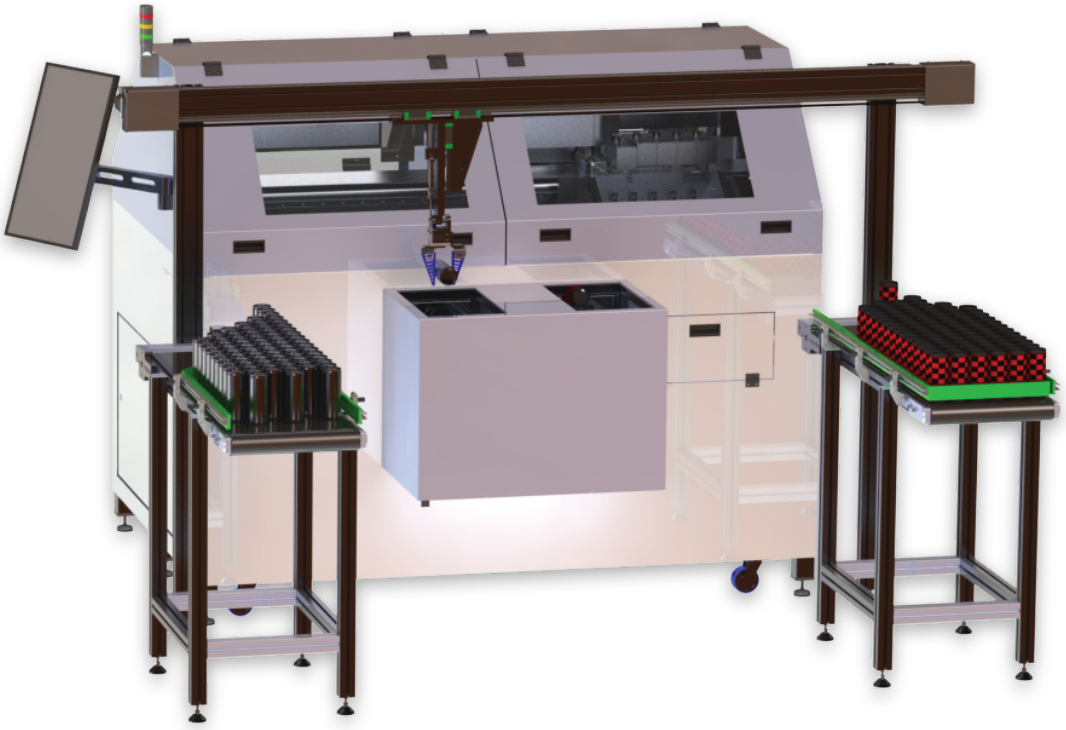
GPBAX
aroja xorfex
AX
PANEL

DIGITAL INKJET UV PRINTERS DEVELOPED FOR VERY HIGH FLEXIBILITY & PRODUCTIVITY & SPECIAL EFFECTS.

DESIGNED FOR PRINT ON CONICAL AND CYLIDRICAL OBJECTS.

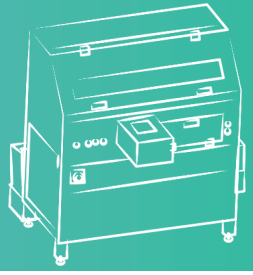
AXSPIN

DIGITAL SOLUTIONS FOR ROTARY ITEMS



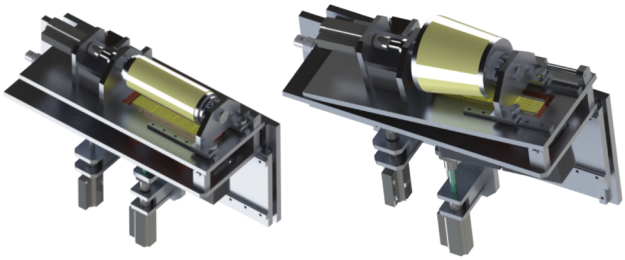
ROTARY PRINTING

RP



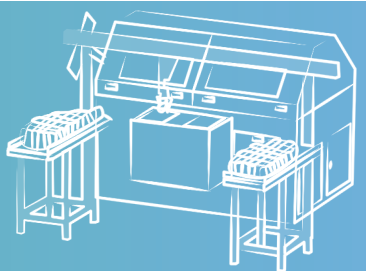
LOW VOLUME PRINTING FOR DESIGN AND GRAPHICS STUDIOS, ADVERTISING OFFICES AND THE BEVERAGE INDUSTRY

- OPTICAL RESOLUTION: 960 X 960 DPI
- DIMENSIONS OF OBJECTS: UP TO ⌀ 300 X 210 MM (DIMENSIONS ADJUSTABLE ACCORDING TO CUSTOMER REQUIREMENTS)
- ACTIVATION OF INK: UV LAMP / UV LED LAMP
- STANDARD COLOR CHANNELS: CMYK + WHITE + VARNISH AND UP TO 4 SPOT COLORS
- ELECTRIC ENERGY CONSUMPTION: 3.0 KWH
- OPERATING SOFTWARE AXPRINT

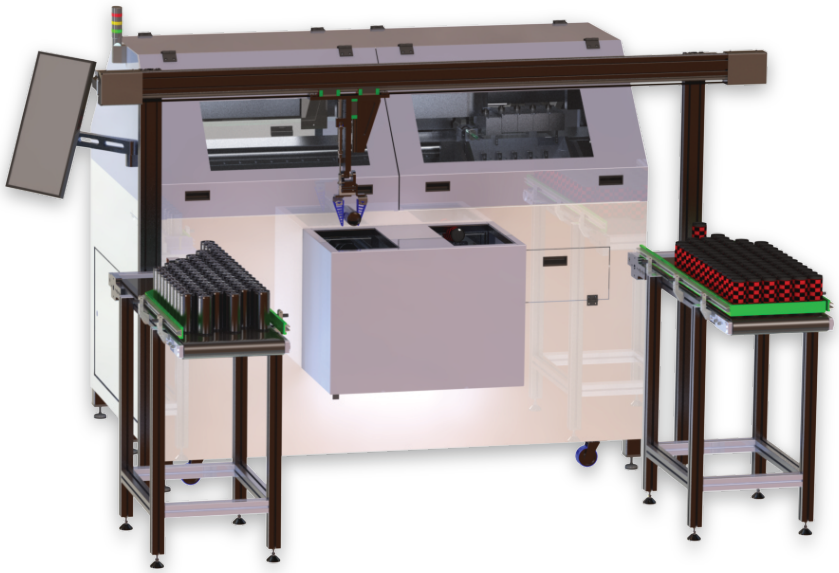


- HIGHLY FLEXIBLE PRINTING OF CYLINDRICAL AND CONICAL OBJECTS
- DESIGN AND GRAPHICS STUDIOS FOR ITS SUPERB FLEXIBILITY AND EASY USE
- ADVERTISING OFFICES FOR PRINTING ROTARY OBJECTS FOR ADVERTISING USE
- BEVERAGE INDUSTRY FOR SMALLER PRINTING JOBS

2RP



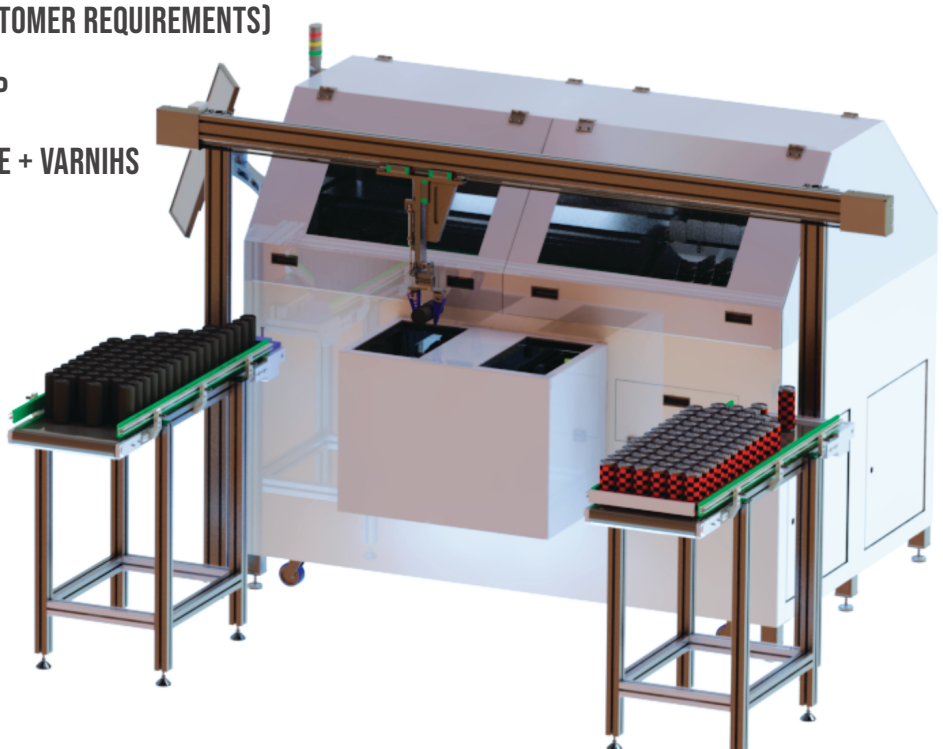
MEDIUM VOLUME PRINTING OF ADVERTISING AND FOR THE COSMETIC, BEVERAGE AND MEDICAL EQUIPMENT INDUSTRIES



- FULLY AUTOMATED, FLEXIBLE, FAST PRINTING TECHNOLOGY
- PRINTS ON MOST CYLINDRICAL AND CONICAL OBJECTS
- QUICKLY CHANGE BETWEEN CYLINDRICAL AND CONICAL OBJECT PRINTING
- PRODUCT LOADING BY THE MANIPULATOR, OR MANUALLY, INTO TWO LOADERS
- PRINTING STARTS AUTOMATICALLY AFTER OBJECT PLACED INTO LOADER
- UV OR UV LED INKS ALLOW IMMEDIATE USE OF PRINTED PRODUCTS

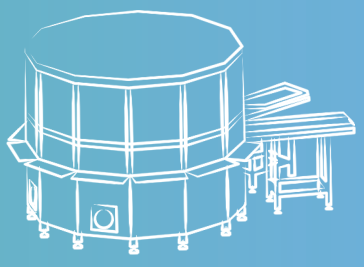
TECHNICAL DATA:

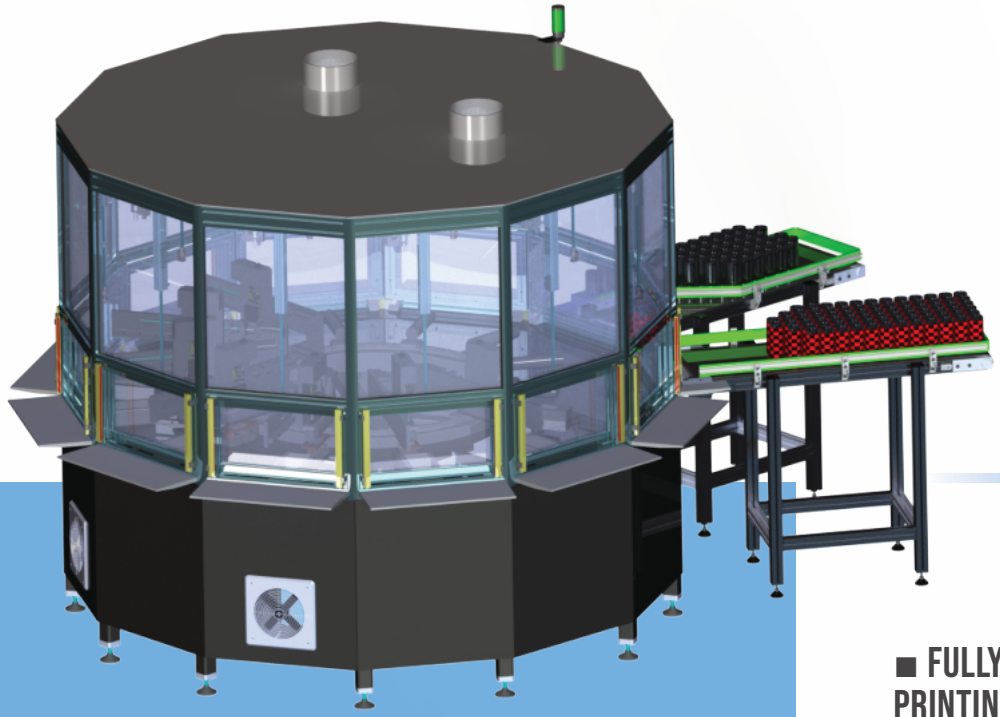
- PRODUCTIVITY: UP TO 180 PCS PER HOUR
- OPTICAL RESOLUTION: 960 X 960 DPI
- DIMENSIONS OF CYLINDRICAL OBJECTS: UP TO Ø150 X 280 MM (DIMENSIONS ADJUSTABLE ACCORDING TO CUSTOMER REQUIREMENTS)
- ACTIVATION OF INK: UV LAMP / UV LED LAMP
- STANDARD COLOR CHANNELS: CMYK + WHITE + VARNIHS
- ELECTRIC ENERGY CONSUMPTION: 4.0 KWH
- OPERATING SOFTWARE AXPRINT



WATCH OUR AX SPIN VIDEO PRESENTATION!

KP





HIGH VOLUME PRINTING OF ADVERTISING AND FOR THE COSMETIC, BEVERAGE AND MEDICAL EQUIPMENT INDUSTRIES

TECHNICAL DATA:

- PRODUCTIVITY: UP TO 900 PCS/HOUR (ONE CAVITY)
- OPTICAL RESOLUTION: 960 X 960 DPI
- DIMENSIONS OF OBJECTS FROM ⌀10 TO 100 MM X 280 MM HEIGHT (DIMENSIONS ADJUSTABLE ACCORDING TO CUSTOMER REQUIREMENTS)
- ACTIVATION OF INK: UV LED LAMP / FINAL ACTIVATION UV LAMP
- CHECK OF OBJECT PLACEMENT BEFORE PRINTING
- ELECTRIC ENERGY CONSUMPTION: 11.2 KWH
- OPERATING SOFTWARE AXPRINT

- FULLY AUTOMATED, FLEXIBLE, VERY FAST PRINTING TECHNOLOGY
- HIGH LEVEL OF DESIGN FLEXIBILITY
- PRINTS ON MOST CYLINDRICAL AND CONICAL OBJECTS
- QUICKLY CHANGE BETWEEN CYLINDRICAL AND CONICAL OBJECT PRINTING
- PRODUCT LOADING BY MANIPULATOR REQUIRES ONLY 4 – 8 SECONDS
- THE MAXIMUM CAVITY IS TWO PER POSITION
- PRINTING STARTS AUTOMATICALLY AFTER OBJECT PLACED INTO THE LOADER
- UV OR UV LED INKS ALLOW IMMEDIATE USE OF PRINTED PRODUCTS

RE-USE
REDUCE
RECYCLE
U3O

HELLO!
SUMMER

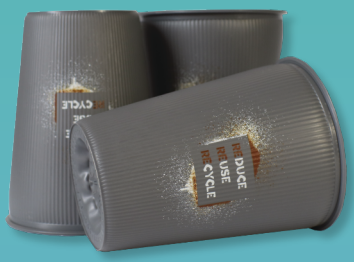
Made with
NATURAL
INGREDIENTS
Premium
QUALITY
100% ORGANIC
Premium
QUALITY
100% ORGANIC

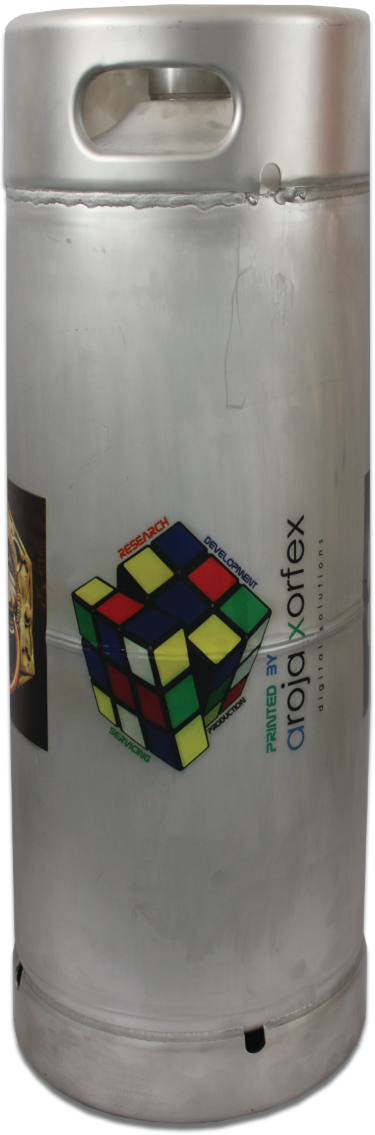
ROYAL HOTEL
YOUR TAGLINE HERE
the
Garden
RESTAU

-organic-
nature.
-ingredients-
-organic-
nature.
-ingredients-

ICELANDIC
GLACIER
WATER
STILL
Ph 8.2
ICELANDIC
GLACIER
WATER
STILL
Ph 8.2
FAROE'S
VOLCANIC
WATER
STILL
Ph 7.4

RICOH
imagine. change.


REDUCE
REUSE
RECYCLE


RESEARCH
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PRODUCTION
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Jonathan Smith
1946 - 2019

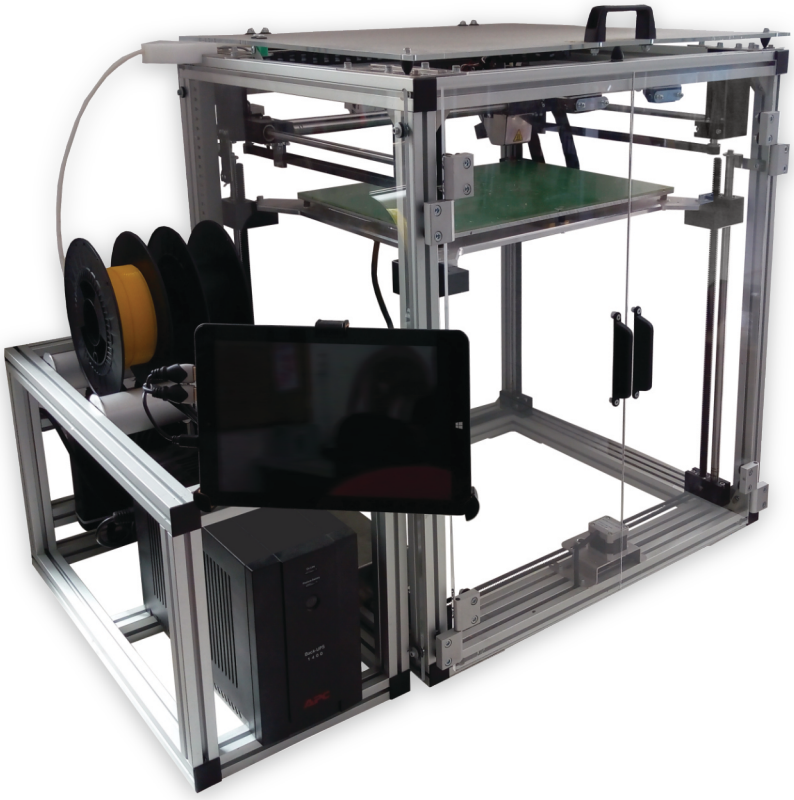
mojito

AX SPIN

INDUSTRIAL 3D PRINTING SOLUTIONS FOR LONG-LASTING & COMPLEX PRINTING JOBS

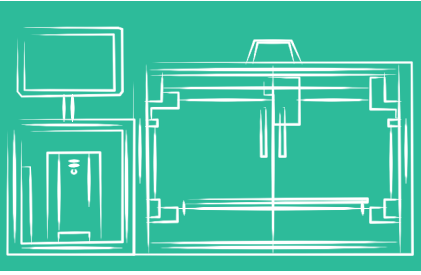
AX3DPRINT

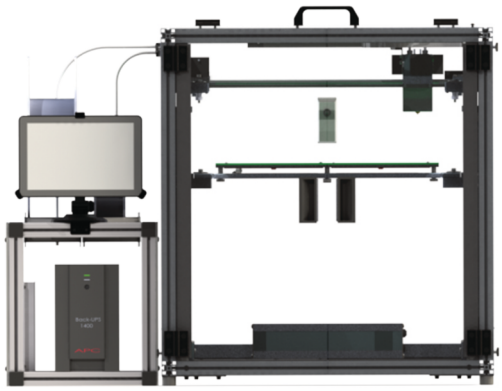
INDUSTRIAL 3D PRINTING SOLUTIONS



3D PRINTERS

TIPUS 3D





TIPUS 3D IS A MULTI-MATERIAL 3D PRINTER WITH INNOVATIVE FEATURES FOR INDUSTRIAL USAGE. DUAL-EXTRUDER PRINTER IS EQUIPPED WITH AN IP HD CAMERA, UPS BATTERY, STUCK FILAMENT, TOUCH SCREEN TABLET.

IT IS DEVELOPED FOR COMPLEX & LONG-LASTING PRINTING JOBS. IT IS INTENDED FOR LARGE PROTOTYPE COMPANIES, GRAPHIC STUDIOS, AND ANY OTHER PROFESSIONAL USE.

TECHNICAL DATA

- DIMENSIONS: 700 X 600 X 710 MM
- PRINTING AREA: 400 X 260 X 400 MM
- SLICE RESOLUTION: 0.08 – 0.7 MM
- WEIGHT: 38 KG
- MAX. PRINTING SPEED: 80MM/S
- MAX CROSSING SPEED: 230 MM/S
- POWER CONSUMPTION: 22 V 7 220 W + 24 V / 120 W
- CERTIFICATION: CE / WEEE
- PRINTING MATERIAL: PLA, H-PLA, ABS, ASA, PET-G AND OTHERS

FULL EQUIPPED 3D PRINTERS

TABLET 10,1"

THE 3D PRINTER IS IMPROVED WITH WIFI & USB CONNECTION WITH USAGE OF THE TABLET. TABLET IS COMBINED WITH AN ADJUSTABLE HOLDER.

FULL HD WI-FI CAMERA

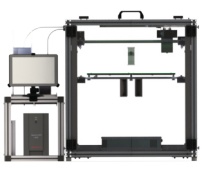
FULL HD CAMERA ACHIEVES PERFECT VIEW OF A PRINTING PROCESS. CAMERA PROVIDES A 180-DEGREE PANORAMIC VIEW FOR AN EXCELLENT FIELD-OF-VISION ACROSS AN ENTIRE PRINTING ROOM.

UPS BATTERY BACKUP

UPS BATTERY PREVENTS DAMAGE CAUSED BY ELECTRICITY LOSS. IT AUTOMATICALLY STEPS UP LOW VOLTAGE AND STEPS DOWN HIGH VOLTAGE TO LEVELS THAT ARE SUITABLE FOR 3D PRINTER.

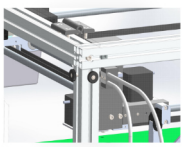
UPS BATTERY BACKUP

ACCESS AND CONTROL YOUR 3D PRINTERS VIA A WEB INTERFACE FROM EVERYWHERE. THE SERVER WORKS ON ALL RECENT BROWSERS.



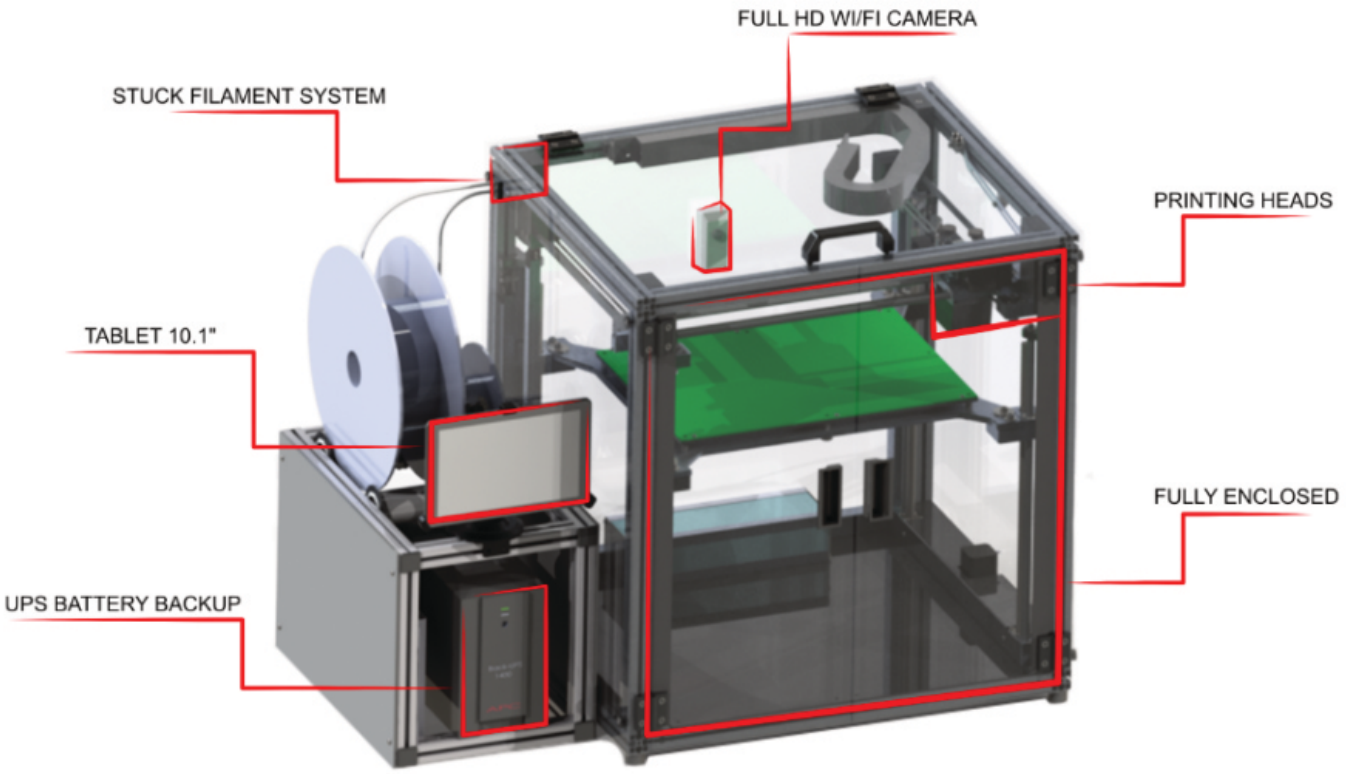
UPS BATTERY BACKUP

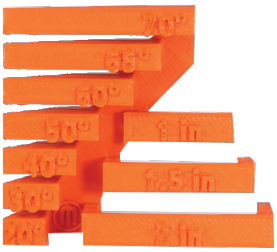
SINGLE EXTRUDER PROVIDES PERFECT SINGLE-COLOR PROTOTYPING. IT IS HAS GOT STABLE AND PROVEN CONSTRUCTION.

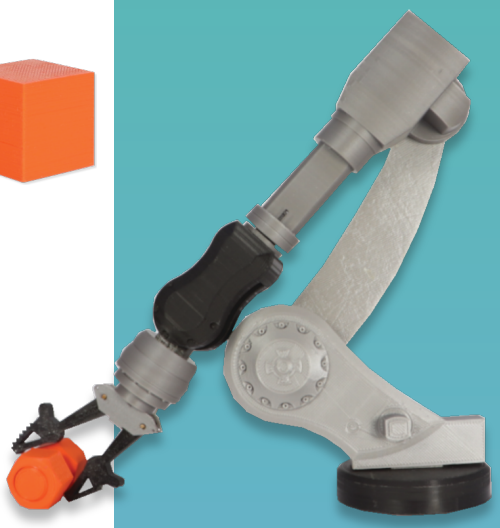


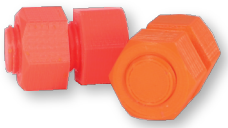
STUCK FILAMENT SYSTEM

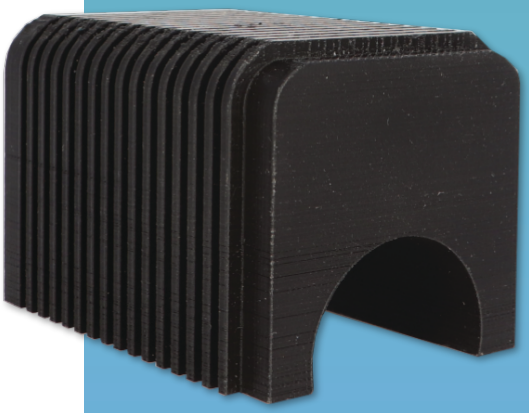
INDIVIDUAL MONITORING OF DUAL EXTRUSIONS ON A STACK OF MATERIAL OR THE END OF FILAMENT. AFTER ACTIVATION PRINTERS PAUSES PROCESS.





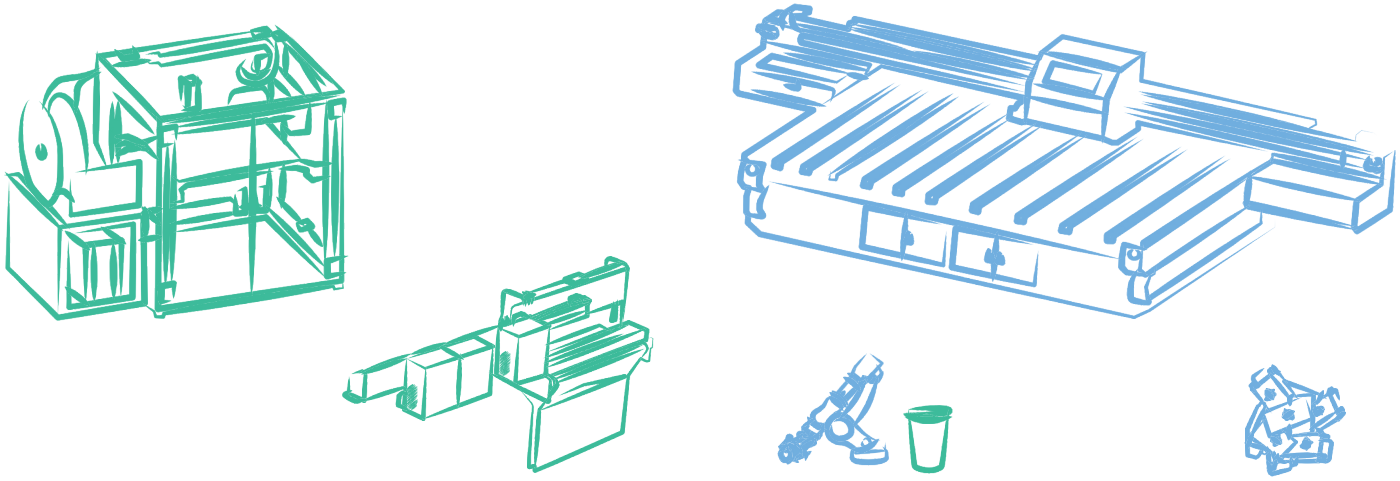






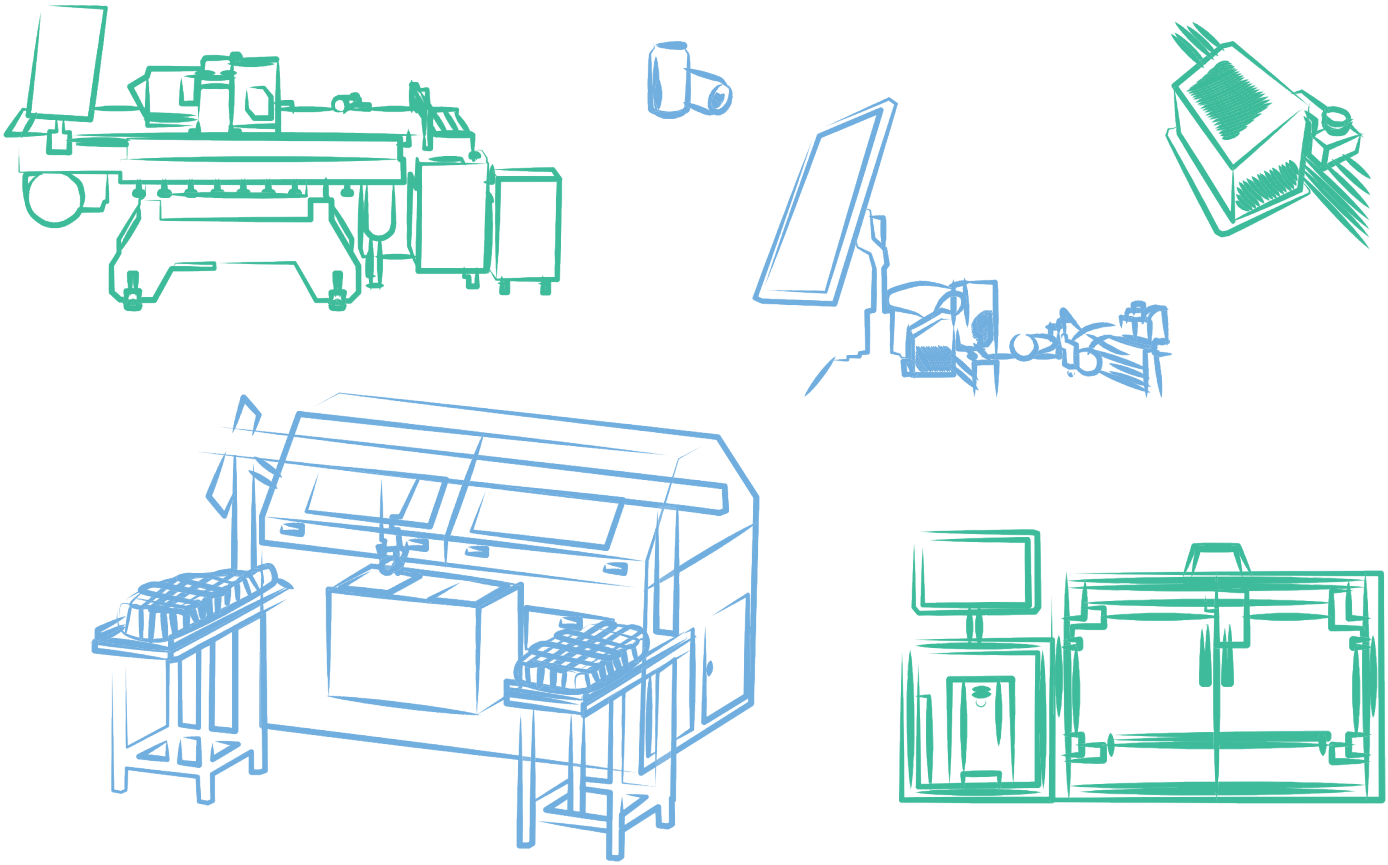
WATCH OUR AX3DPRINT
VIDEO PRESENTATION!

AX 3DPRINT



AROJA XORFEX

DIGITAL SOLUTIONS



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