IKonMac ltd

Marking our way in the world
June 2018. This document replaces all previous dated lists

NEWS this month.
New UV LED curing lamps for web printing 100mm, 200mm 400mm
Available soon E700 U700 72mm 140mm Seiko head ® High Resolution
printers for oil solvent or UV LED more details later.
The new low cost E19 with TIJ or HR and U19 printer
A range of low cost UVLED curing lamps
TheE19.U19. is equipped with ultra-performing PCB and software,
enabling one controller to be used for a whole range of applications
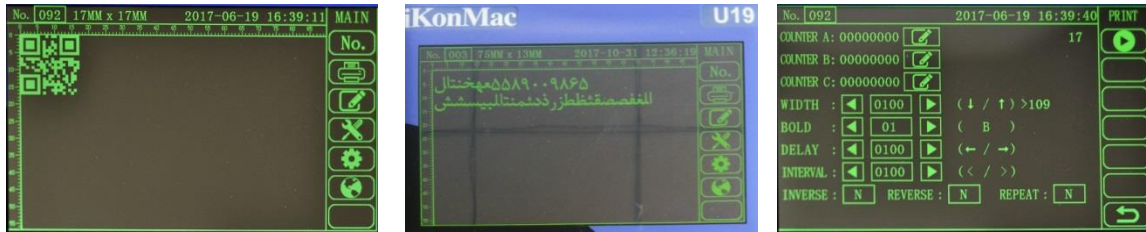### The E19.U19. is equipped with ultra-performant PCB and software,
enabling one controller to be used for a whole range of applications
The all new U19 UV LED High resolution printer.
Printing Up to 32 lines at 80MPM. Easy care, Instant dry print.

The E19 & U19 touch screen one for all printers, fitted with a Xaar 18mm, 34mm, 2x 18mm, and TIJ 12mm 20mm . U19 18mm 34mm Print with a whole range of inks, UV led, oil based or a range of Solvent based inks.

NO PC required.. Completely independent stand alone: Touch screen and keyboard message making, no computer software required.

Make variable bar QR codes, Arabic writing R-L directly on the printer more details are available on a separate leaflet.
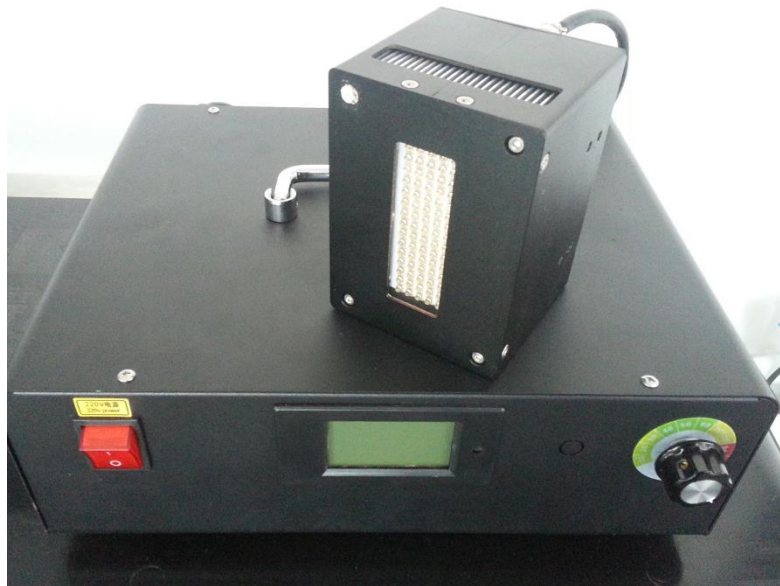**Motorised or standard manual print head shutter.**
Use on the Web L-R R-L traversing
Remote controller

Low cost UV LED curing lamp

60mm x 22mm lamp suitable for 18mm and 34 mm Xaar print heads

on /off and auto stop with either a photo cell or with an encoder available, with a Variable power scale.
This is a low cost simple machine
Coming soon 60x 80mm water cooled UV LED drier lamp to match the U700 Seiko® 72mm UV LED print head
NEW

Now available 100mm 200mm 400mm UV LED curing lamps

New water cooled controller for large UV lamps

The E18+, Our most popular printer, the economical, general purpose, High resolution printer, for coding real time, for most applications. Simple to use, simple to maintain

E18+
1mpm- 80mpm

V6.82 . As a slow speed down to 1 meter a minute and printing up to 16 lines as fast as 80mpm,
E18+ for printing very slow products such as Pipe extrusions, with large distances between each print.
The E18+contains a fast P.C.B, a simple to use menu, a new keyboard. Arabic or Cyrillic message making made easy straight from the keyboard + full pc software for easy logo down loads.

MADE IN UK
We are now building our CIJ and High resolution printers in our UK factories
These products can be supplied either as Ikonmac, ICM, or distributors own brand.

Our British designed and built CIJ
A very competitive price for a European made printer.
We have redesigned our CIJ and added many new features.
Now branded as either iKonMac, ICM or distributors own brand
*The ICM Cijet can now print up to 500 meters a minute
*We have perfected a revolutionary new ink simple ink system (Patents applied) and the printer can even be transported full of ink
*The Cijet is fitted with a large 10,000 hour filter or a smaller one year filter and a simple cheap ink reservoir change .it's a standard one litre bottle as used for the top up.
*Very simple and easy to service, very easy to maintain operate and program
*Open ink system, just pour our ink and solvent in.
*The Cijet has a full solvent vapour recovery system safer, almost no smell.
*The operating system has an automatic power failure safe shut down with ink recovery
The software has many features added to make it easy to use .So simple to create messages and logos, so easy to program.

*****This CIJ is a USERS FRIEND *****
 Our CIJ and added many new features.

The main benefits:
This CIJ is designed so even a non-skilled, non- trained operator can use it.
Simple to use:
Operator has only to press ON to start
And press OFF to finish.. All start up, cleaning and close down is fully automatic.
Simple to maintain:
Nothing to do, it's all done for you.
Highly reliable:
It's a strong work horse built from 30 years of CIJ experience.
Very cheap to run: Just top up when needed, No expensive locked in or coded ink cartridges.
Almost no servicing: Just change a filter once every 3 years.
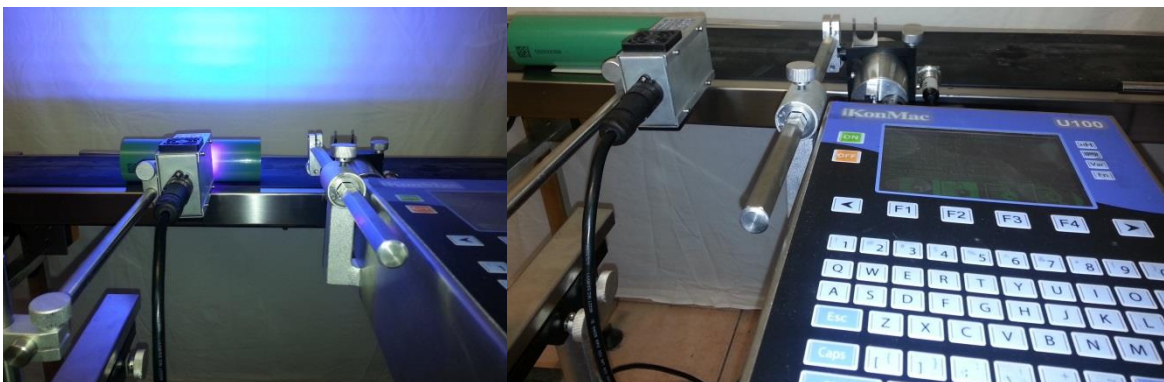
U 100 the UV led printing system,

A most user friendly coding and marking printer
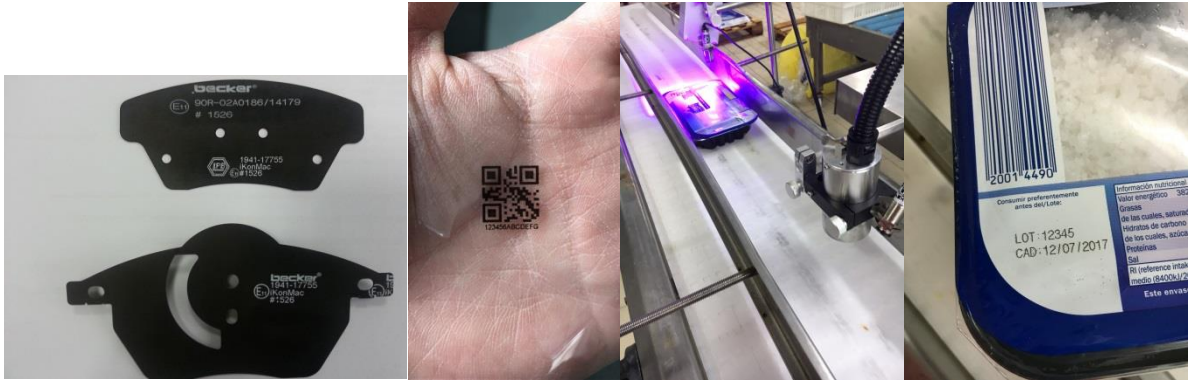**Print and then the Ink is dried instantly.**
The all new UV U100 with our Myjet software and keypad message making. The U100 has the capability of being connected with a PC permanently via the RJ45 cable and message editing can be done directly from the computer in real time without leaving your seat. No switch off, no down time.
See the manual for more details.

Complete with Automatic shutter. Temperature controlled ink

UV led lamp complete with product sensor; this will shut down the lamp when no product is passing
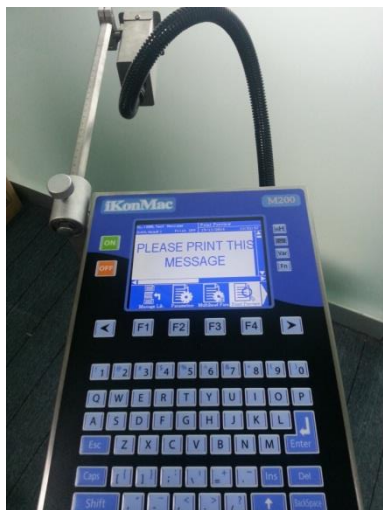
 The U100 UV LED printer is ideal for frozen and chilled food packing areas; it will print and dry instantly in sub- zero temperatures. This is because the UV ink is not dependant on solvent/ MEK evaporation to dry; The ink dries by LED light at any temperature.

M200 a 1 and 2 headed printer

Both keypad and PC message making
Now available with a very slow speed down to one meter a minute for printing large pipe extrusions
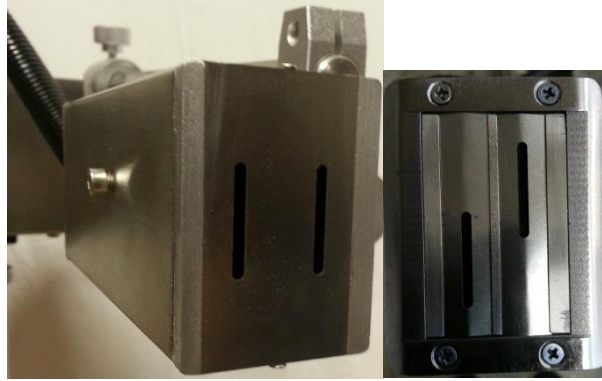

Available from the UK *

M200 for 1x18mm or 2 x 18mm or 1x 34mm (2x18mm) headed operation
This has both the message making functions from the **Keypad** or the **MyJET. PC message maker** and direct PLC data files.The M200 has the capability of being connected with a PC permanently via the RJ45 cable and message editing can be done directly from the computer in real time without leaving your seat. No switch off, no down time. See the manual for more details.
 1x 18mm head standalone printer
2x18 mm= 34mm print head. standalone printer.

Remote 2x 18mm or 34mm twin ink station or twin 18mm for printing 2 colour printing

2 Colour printing   **34mm print height**

2 position printing or 2 colour printing

NEW M200 UV 34mm Remote
NEW 34- 50 mm UV curing lamp and power supply
Winjet software key required one key per customer,
Includes photocell, RS232 cable, USB port.
Optional extra-long communications cables available 4m, 6m.

iKonMac M800 Now with 1x72mm or 2x 72mm Seiko® print heads or together (1x135+mm)
A multi head high Resolution printer for nearly any porous or non-porous flat surface and not so flat! The M800 controller can manage up to 8 print heads to print several different places or colours on the same product. Ideal for multi position web printing .

Print heads can print horizontally or vertically and multiple heads can print on both sides of the product all using the same controller.

A powerful yet simple to use new Win jet software V7.0 now with K.I.S.S*, for so simple updating.   An Ethernet connection, this can enable remote programming from anywhere via internet. Data matrix and QR codes now added. Now with Industrial strength WIFI option.

The new external text operation allows up to 12 lines of text to be added to an existing message, just type in directly from the Keyboard to edit. Using an outside data base you can run real time data matrix codes with a lot of added data. The M800 can be run from a central PLC

The M800 pro controller, full Winjet software with 4GB CF* + a range of print heads

INK STATIONS FOR M800 M200 E19 U19 *The ink station is fitted for 18 mm 2x 18mm and 34mm print heads.*
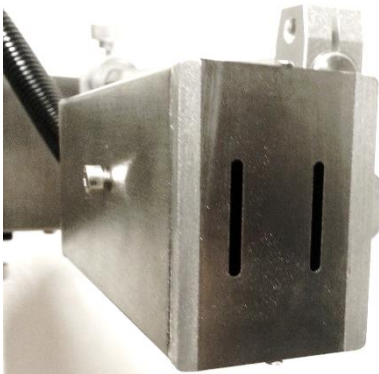*The twin cassette ink station can be adapted for 2 heads in line with 2 separate colours printing e.g.*
Black & RED printing on Grey pipes or warning triangles in red with print in Black

Available now, the 72mm Smart ink station,. Smart because the print head does not have to be higher than the ink reserve. This means you can fit the ink station above the product on wide web applications. It is also fitted with a larger 220ml ink cassette.

72mm UVLED printer and Lamp

Twin ink station can be 1x 34mm head 2x 18mm heads together or separate for 2 colour printing or 2 heads printing 2 positions downwards.
1 x 18mm print head
1 x 34mm = 2 x18mm print heads together
2 x 18mm print heads 2 separate ink stations
2 x 18mm print head twin ink cassettes,
for web and Black and white printing
1x72mm single bulk ink station
2x72mm = 140mm print width single bulk 2x ink station

M800 can drive up to 8x 18mm – 4x 34 mm or 2x 72mm heads and combine 2 heads to make a 140+mm print height use oil ink for carton coding for porous surfaces. Solvent UV LED for varnished and nonporous surfaces.

Special long 25 pin data cables from controller to ink stations
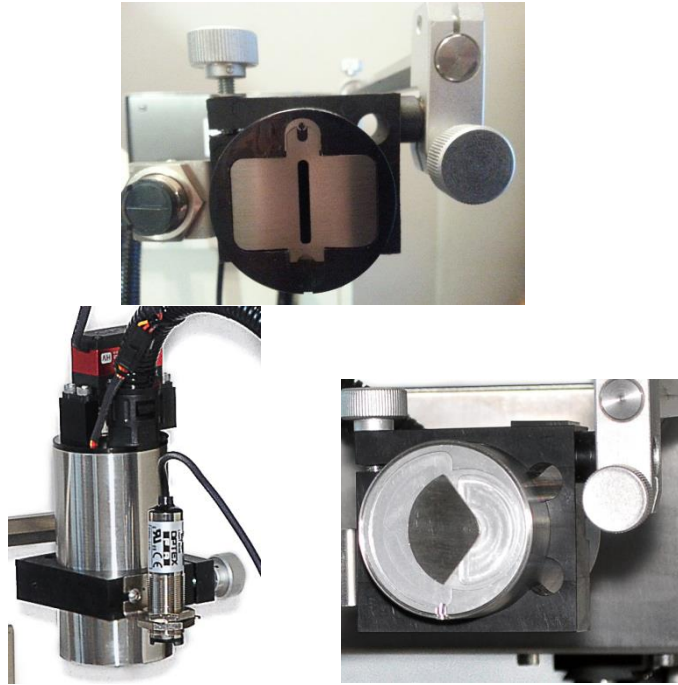

Special M800 For additional print heads of up to 8 heads connected to one M800 controller each application will be quoted separately. for the multiplexor

Multiplexor

Manual shutter

Turn the button and its open. This keeps the ink ready for printing without the need to spray and purge for several hours whilst not printing. This is a standard fitting on all 18 mm heads
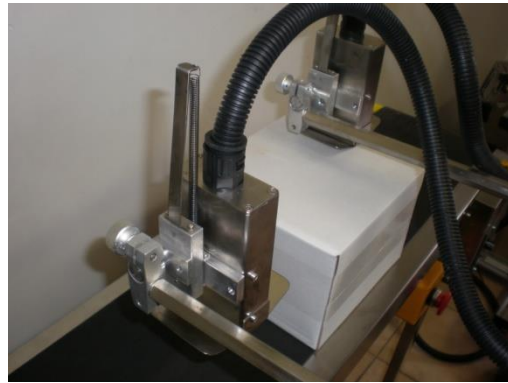
Motorised head shutter, auto open and shut

The Mobile print head follows the contour of the product, Ideal for sacks, barrels and canisters

A mobile head for all the high resolution printer range that will accommodate product misalignment on the conveyor, cope with odd shaped products and print on curves.
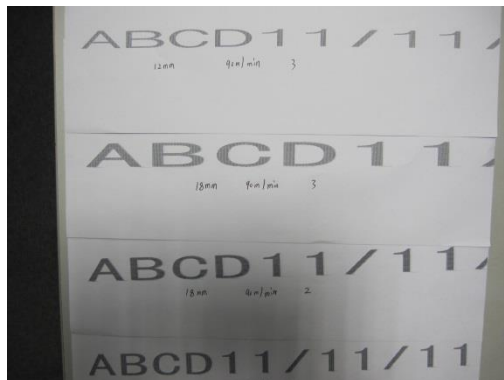
The new mobile print head, spring loaded shock absorbing and contour following. Available for all Xaar® headed High Resolution print engines and can be adapted to fit the LCP

For side or downwards printing, single or double heads

Long spatula 120mm width
Medium spatula is 80mm width
Small spatula is 60mm width

Option 1.5 ink pipe meter from ink station to Head this can enable a multi headed system to print across a conveyor web of up to 3 meters wide Up to 8 print heads can be fitted to a M800 controller.

Special 1.5meter for E18+ Sample proof of high speed printing with the 18mm Xaar® head

Special print head data/ ink cables lengths are made to order, maximum 2m meters long.

If Any longer head cables are required, please request trials.

E18+ or M200 Remote ink station

M800 Web printing

Note the print head pole can be used for all multi head WEB printing installations. Also one head traversing L-RR-L on an intermittent line

M800 or A680 Multi headed High resolution printer 2- 6 heads 18mm it can also be used for any multi line requiring identical messages on line of the product up to 2 meters across the conveyor.
Special adaptations can be made for other applications.
5 headed system 6 headed systems and M800 up to 8 heads across the web

Available from the UK *
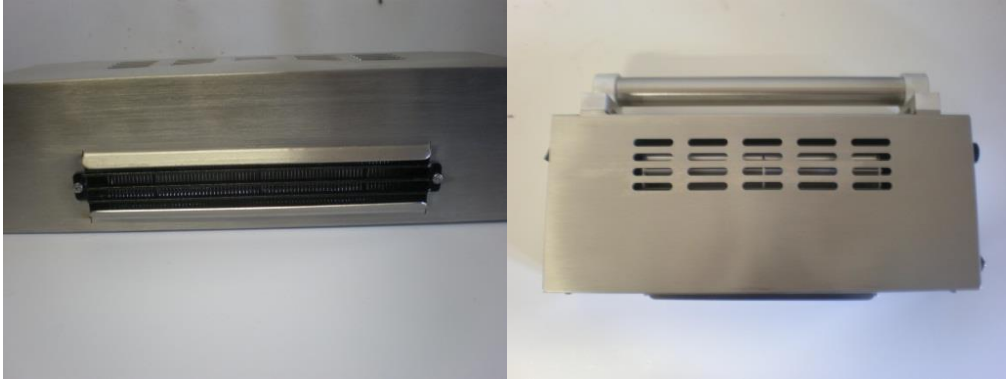
OPTIONS
New stand design transports flat pack
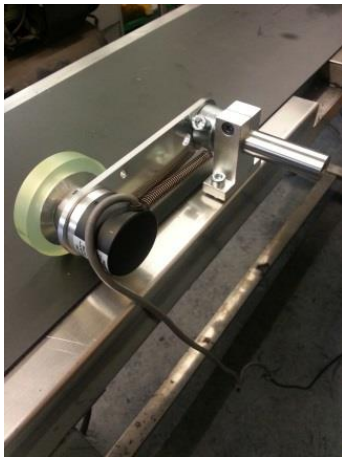Adjustable stands. Fits all iKonMac stand alone and all remote ink stations

 Available from the UK *
Stands now 1.0 meter standard Height fit all the range of standalone and inkstations

Quick dry warm air dryer for solvent inks a new model with a better fan and more power

New dryer 1500 W with longer better length view of the new fan

New design brackets

New type spring loaded bracket   Old type bracket

Encoder 600 p.p.r for LCP
Encoder 1,200 p.p.r 12- 24V for E18+
Encoder 5,000 p.p.r 12- 24V for M800 E19 U19 M200

Conveyors Available from the UK *

with an Emergency stop control and 2 guide rails

The conveyor 1.5meter long with 200mm belt .
Conveyor 1.5 meters long with 400mm belt
Conveyor 2 meters long with 200mm belt 90W motor
Conveyor 2 meters long with 400mm belt 140W motor
Motor C.E.

Large character printer (L.C.P)
The SK2000 2x7dot. SK3000 2x 16dot can now print both sides of the product LR & RL and mirror
The SK2000 / 3000 is available in a full stainless steel cabinet Also Plexiglas or steel protection covers available
New Manual flush system
New counter meter for printing once then not printing for a pre-set number of products

For MEK, Solvent, or water based inks. 100 MPM and slant technology.
A Pigmented ink system is available
SK2000& SK3000. *A Simple Stand-alone 16dot or 32dot L.C.P. for MEK and all inks.

SK2000 7 dot
SK2000 2 x 7 dot
SK200016dot
SK3000 2x 16 dot
SK3000 32dot or 2 x16 dot

20lt SS ink tank   Pigment ink stir under the cabinet
7 litre SS tank   Pigment ink stir to fit 1 litre bottle directly
2 litre SS steel   New Manual purge
Additional print heads for multi head set up using the same ink system is possible
Ikonmac can supply lcp inks in concentrate form at very competitive prices

The HR 260 Handy jet
Printing with Solvent or Oil inks
This Handy printer will print on most surfaces.

HR 260 can be used for both small and large character printing, with Bluetooth communications, special USB key with every 2 cartridges, Touch screen to make messages and settings without a computer, having its own hard drive fitted inside the HR 260 can save over 20,000 messages, Cassettes pack 2x empty cassettes with one key.

The GT250 Handijet, prints with MEK, Solvent, N propanol, Oil, or water ink.
This Handi printer will print on most surfaces.
GT250 is using the LCP 16 dot print head with Blue tooth or Wifi communications
Complete unit with a carry case.

Fill and refill your own
Empty ink cartridges for the
Handijet replacement caps
with rubbers bungs