

Spark 2120

533mm (21") x 508mm (20")



For Tags & Labels

EskoArtwork Spark 2120 specifically addresses the tag and label market. It images a full size 21" x 20" / 533mm x 508mm plate of arbitrary thickness in just 15 minutes.

The Spark 2120 comes with EasyClamp to securely hold down plates of any thickness on the vacuum drum.

Spark technology is a major breakthrough in enhanced output quality and consistency offering reduced overall process costs.

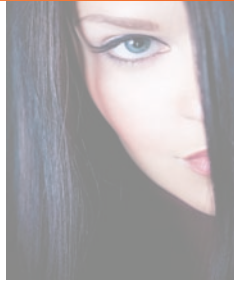
For use with **Dantex Torelief & Toreflex** Digital Plates
High Speed - High Quality - High Tech

DANTEX
Plates & more

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YOUR PARTNERS IN WATER WASH PHOTOPOLYMER PLATE TECHNOLOGY



Spark 2120

Technical specifications

Spark - Recommended for use with Dantex Digital plates and AquaFlex processing equipment

The digital plate has a mask layer - sensitised to the Spark's laser light - on top of its surface. After imaging this mask takes the function of the traditional film negative. Due to the integration of the image carrier a digital plate has sharper image definition and steeper relief shoulders than conventional plates produced with film.

Image deterioration by UV light absorption and scattering in the traditional contacting through vacuum sheet and film is totally eliminated. Spark technology provides a major breakthrough in enhanced output quality, consistency and overall process cost reductions.

Type of imager

External drum design
Drum size: Max. plate format 21" x 20" / 533mm x 508mm or smaller
Solid granite machine base
High power Fibre Laser source, Class 1 laser

Image quality

Screen rulings: up to 200lpi, depending on imaging resolution
Halftone 1-99%
Standard Optics: 2000ppi to 2540ppi
HighRes Optics: 2540ppi to 4000ppi
Variable resolution

Engine control

~ Grapholas on Intel PC with Windows 2000
~ The input file format in LEN or TIFF
~ Compatible with all Spark family members

RIP and Screening options

~ Optional FlexRIP 2120. Industry standard PS/PDF RIP
~ Quality screening optimised for flexo (Circular, Double Circular dots)
~ PerfectHighlights screening option - the finest highlight quality in flexo
~ Additional screening and proofing modules available

Esko Software Suite 7

Other Esko Software Suite modules easily click into the FlexRIP 2120 to suit your Step & Repeat and production automation requirements

Options

~ Magnetic drum with customised register pin system for digital steel-base letterpress plates (Sizes up to 21" x 20" / 533 mm x 508 mm)

Machine dimensions

Width: 45.7" / 1160mm
Depth: 27.6 / 700mm
Height: 41.3" / 1050mm
Weight: 705lb / 320kg

Plates

All digital photopolymer plates or ablative film letterpress plates
Usable plate thickness: 0.030" to 0.155" / 0.76mm to 3.94mm.
Sizes up to: 21" x 20" / 533mm x 508 mm (or smaller)

Installation requirements

~ Separate vacuum and exhaust system included
~ No external compressed air supply needed
~ No external water cooling or compressed air is required

Electrics

230V/N/PE, 50/60Hz, 1.3 kVA (Imager)
230V/N/PE, 50/60Hz, 1.2 kVA (Exhaust unit)



Rapid plate making
Excellent resolution - **Superb** printed results