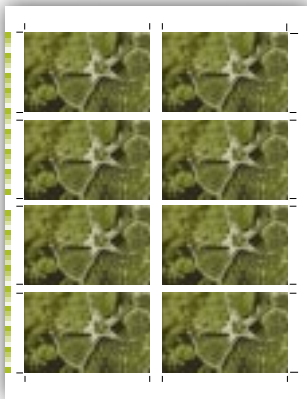


Stingray 52 & 63 Specifications



Stingrays offer the most cost-effective solution on the market for imposed film or polyester plate production. Stingray 63 is the natural selection for commercial printers with 8-up press capability. For smaller press users, the Stingray 52 or Stingray 46 cover 4-page imaging requirements with the same quality, flexibility and value

Imaging

Maximum Recording Width

Stingray 52: 20.5" (52.1 cm)

Stingray 63: 25.0" (63.5 cm)

Recording source

One 10 mW visible red laser diode (650 nm recording wavelength)

Spot Size

10-35 microns (resolution dependent) measured at the film plane

Resolutions

12 resolutions from 1000 dpi to 3556 dpi (394 dpcm to 1400 dpcm)

Maximum Line Screen

200 lpi (78.7 lpcm)

Recording Speeds

1000 dpi - 32.00"/min, 81.28 cm/min
 1016 dpi - 31.25"/min, 79.38 cm/min
 1200 dpi - 26.70"/min, 67.81 cm/min
 1270 dpi - 25.20"/min, 64.01 cm/min
 1446 dpi - 22.10"/min, 56.13 cm/min
 1524 dpi - 20.60"/min, 52.32 cm/min
 1800 dpi - 14.80"/min, 37.59 cm/min
 2032 dpi - 11.80"/min, 29.97 cm/min
 2400 dpi - 8.40"/min, 21.34 cm/min
 2540 dpi - 7.50"/min, 19.05 cm/min
 3048 dpi - 5.20"/min, 13.21 cm/min
 3556 dpi - 3.80"/min, 9.65 cm/min

Repeatability

0.001" (0.25 mm) typical over four consecutive 20" x 28" (51 x 71 cm) separations on film. May vary according to media, media packaging and processing conditions

Media

Types

Visible red sensitive film, polyester plate or paper material



Thickness

0.004" to 0.008" (0.1 to 0.2 mm)

Configuration

Emulsion in, 2" (50 mm) diameter
 Core, breakaway taped to core

Cassette Capacity

Up to 400' (120 m) of 0.004" material
 5.7" (145 mm) maximum roll diameter

Media Widths

25.0" (63.5 cm)
 24.0" (61.0 cm)
 22.0" (56.0 cm)
 21.7" (55.1 cm)
 21.6" (54.9 cm)
 20.9" (53.0 cm)
 20.5" (52.1 cm)
 20.1" (51.0 cm)
 20.0" (50.8 cm)
 19.6" (49.8 cm)
 18.6" (47.2 cm)
 18.2" (46.2 cm)
 18.1" (46.0 cm)
 18.0" (45.7 cm)
 17.7" (45.0 cm)

Processing

Online processing recommended.
 Processor interface and buffer included as standard. Take-up cassette optional

Registration punching

Choice of one of eight industry standard head and tail configurations or custom (up to 5 punches per head and tail)

Physical & Environmental

Dimensions

39.0"W x 35"D x 44"H
 (99 cm x 89 cm x 112 cm)

Weight

810 lbs (368 kg)

Heat Dissipation

1000 BTU/hour maximum

Power Requirements

(100/115/230 V (± 10%);
 1.7/1.5/1.0 amps;
 50/60 Hz, single phase

Operating conditions

62° F - 86°F; 14°C- 30°C relative humidity 45-65% non-condensing; relative humidity outside of this range may affect imagesetter performance

Stingray 46 Specification

Imaging

Maximum Recording Width
Stingray 46: 18.16" (46.1 cm)

Recording source
One 10 mW visible red laser diode
(670 nm recording wavelength)

Spot Size
10-35 microns (resolution dependent)
measured at the film plane

Resolutions
12 resolutions from 1000 dpi to 3556
dpi (394 dpcm to 1400 dpcm)

Maximum Line Screen
200 lpi (78.7 lpcm)

Recording Speeds
1000 dpi - 21.00"/min, 53.34 cm/min
1016 dpi - 20.60"/min, 52.32 cm/min
1200 dpi - 17.40"/min, 44.12 cm/min
1270 dpi - 16.60"/min, 42.16 cm/min
1446 dpi - 14.60"/min, 27.08 cm/min
1524 dpi - 13.80"/min, 35.05 cm/min
1800 dpi - 11.60"/min, 29.46 cm/min
2032 dpi - 10.40"/min, 26.42 cm/min
2400 dpi - 8.80"/min, 22.35 cm/min

2540 dpi - 8.20"/min, 20.83 cm/min
3048 dpi - 6.88"/min, 17.48 cm/min
3556 dpi - 5.29"/min, 13.44 cm/min

Repeatability
0.001" (0.025 mm) typical over four
consecutive separations on film.
May vary according to media, media
packaging and processing
conditions

Media

Types
Visible red sensitive film, polyester
plate or paper material

Thickness
0.004" to 0.008" (0.1- 0.2 mm)

Configuration
Emulsion in, 2" (50 mm) diameter
Core, breakaway taped to core

Cassette Capacity
Up to 400' (120 m) of 0.004"
material
5.7" (145 mm) maximum roll
diameter

Media Widths

18.0" (45.7 cm)
17.7" (45.0 cm)
16.9" (43.0 cm)
16.0" (40.6 cm)
15.8" (40.0 cm)
15.3" (39.0 cm)
14.5" (36.9 cm)
14.0" (35.6 cm)
13.3" (33.8 cm)
13.0" (33.0 cm)
12.0" (30.5 cm)

Processing

Online processing recommended.
Processor interface and buffer
included as standard. Take-up
cassette optional

Registration punching

Choice of one of eight industry
standard head and tail
configurations or custom (up to 5
punches per head and tail)

Upgrades

Cut-to-size - factory option (includes
speed upgrade to 32"/min. (81.28
cm/min.) at 1000 dpi)

Physical & Environmental

Dimensions
32.0"W x 35.0"D x 44.0"H
(81 cm x 89 cm x 112 cm)

Weight
350 lbs (156 kg)

Heat Dissipation
1000 BTU/hour maximum

Power Requirements
(100/115/230 V (± 10%);
1.7/1.5/1.0 amps;
50/60 Hz, single phase

Operating conditions
62°F - 86°F; 14°C- 30°C relative
humidity 45-65% non-condensing;
relative humidity outside of this
range may affect imagesetter
performance

DEALER STAMP

ECRM[®] Imaging Systems

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