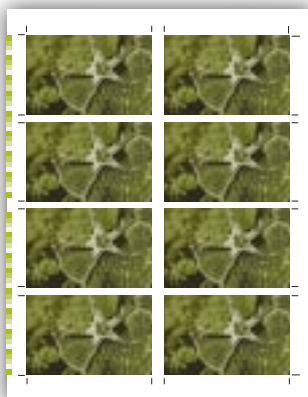


## Stingray 52 & 63 Specifications



*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*

**ECRM**<sup>®</sup>  
Imaging Systems

### 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 (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 - 32.00"/min, 81.28 cm/min  
1016 dpi - 31.50"/min, 80.01 cm/min  
1200 dpi - 26.67"/min, 67.74 cm/min  
1270 dpi - 25.20"/min, 64.01 cm/min  
1446 dpi - 22.13"/min, 56.21 cm/min  
1524 dpi - 19.81"/min, 50.32 cm/min  
1800 dpi - 14.34"/min, 36.42 cm/min  
2032 dpi - 11.25"/min, 28.58 cm/min  
2400 dpi - 8.03"/min, 20.40 cm/min  
2540 dpi - 7.16"/min, 18.19 cm/min  
3048 dpi - 5.00"/min, 12.70 cm/min  
3556 dpi - 3.69"/min, 9.37 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)  
24.6" (62.5 cm)  
24.0" (61.0 cm)  
23.5" (59.7 cm)  
23.0" (58.4 cm)  
22.5" (57.2 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)  
16.0" (30.6 cm)  
14.0" (35.6 cm)

#### Processing

Online processing required. Processor interface and buffer included as standard. Emergency 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

1500 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; 17°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**  
18.1" (46.0 cm)  
18.0" (45.7 cm)  
17.7" (45.0 cm)  
17.3" (44.0 cm)  
16.9" (43.0 cm)  
16.4" (41.6 cm)  
16.0" (40.6 cm)  
15.8" (40.0 cm)  
15.4" (39.0 cm)  
15.0" (38.0 cm)  
14.5" (36.9 cm)  
14.0" (35.6 cm)  
13.3" (33.8 cm)  
13.0" (33.0 cm)  
12.5" (31.8 cm)  
12.2" (31.0 cm)  
12.0" (30.5 cm)  
11.8" (30.0 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)

### 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 36.0"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; 17°C- 30°C relative  
humidity 45-65% non-condensing;  
relative humidity outside of this  
range may affect imagesetter  
performance

DEALER STAMP

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