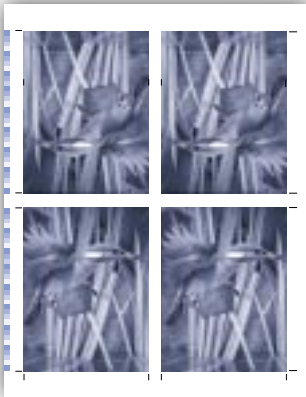


Mako 56 Specification



Imaging

Maximum Recording Width
 22.0" (560mm)
 22.2" (564mm) with overscan

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 - 16.00"/min, 40.64 cm/min
 1016 dpi - 15.75"/min, 40.01cm/min
 1200 dpi - 13.33"/min, 33.86 cm/min
 1270 dpi - 12.60"/min, 32.00cm/min
 1446 dpi - 11.07"/min, 28.12cm/min
 1524 dpi - 10.50"/min, 26.67 cm/min
 1800 dpi - 8.89"/min, 22.58cm/min
 2032 dpi - 7.87"/min, 19.99 cm/min
 2400 dpi - 6.67"/min, 16.94 cm/min
 2540 dpi - 6.30"/min, 16.00 cm/min
 3048 dpi - 5.25"/min, 13.34cm/min
 3556 dpi - 4.50"/min, 11.43cm/min

Repeatability
 0.0012" (0.03 mm) typical over four
 consecutive 22" x 28" (56 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
 22.1" (56.1 cm)
 22.0" (56.0 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)
 18.1" (46.0 cm)
 18.0" (45.7 cm)
 17.7" (45.0 cm)
 16.0" (40.6 cm)
 14.0" (35.6 cm)

Take-up cassette
 Capacity 25.0' (7.6 m), 0.004"
 material; 0.008" material requires an
 on-line processor or optional plate
 cassette (12' capacity)

Processing
 Output cassette is included for off-line
 transfer to a processor.
 Removable cassette tray and on-line
 interface allow for easy connection to
 an on-line processor

Physical & Environmental

Dimensions
 32.0"W x 44.6"D x 19.3"H
 (81 cm x 113 cm x 49cm)

Weight
 235 lbs (105kg)

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 imager performance

Mako imagesetters are the natural selection for publishers, commercial printers, repro houses and bureaus. They can be field upgraded for even higher performance when increased capabilities are required

Mako 36 & 46 Specifications

Imaging

Maximum Recording Width

Mako 36: 14.16" (36.0 cm)
Mako 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 - 16.00"/min, 40.64 cm/min
1016 dpi - 15.75"/min, 40.01cm/min
1200 dpi - 13.33"/min, 33.86 cm/min
1270 dpi - 12.60"/min, 32.00cm/min
1446 dpi - 11.07"/min, 28.12cm/min
1524 dpi - 10.50"/min, 26.67 cm/min
1800 dpi - 8.89"/min, 22.58cm/min
2032 dpi - 7.87"/min, 19.99 cm/min

2400 dpi - 6.67"/min, 16.94 cm/min
2540 dpi - 6.30"/min, 16.00 cm/min
3048 dpi - 5.25"/min, 13.34cm/min
3556 dpi - 4.50"/min, 11.43cm/min

Repeatability

0.0012" (0.03 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

• Mako 46

18.1" (46.0 cm)
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)

• Mako 46 & 36

14.0" (35.6 cm)
13.3" (33.8 cm)
13.0" (33.0 cm)
12.0" (30.5 cm)

Take-up cassette

Capacity 25.0' (7.6 m), 0.004"
material; 0.008" material requires an
on-line processor or optional plate
cassette (12' capacity)

Processing

Output cassette is included for off-line
transfer to a processor.
Removable cassette tray and on-line
interface allow for easy connection to
an on-line processor

Upgrades

Wider - field upgrade Mako 36 to
18.16" (46.1 cm) media width
Faster - field upgrade Mako 36 & 46
to 32"(81 cm) per minute at 1000 dpi
Dry - factory option for dry film
(includes speed upgrade to 21" (53.3
cm) per min. at 1000 dpi)

Physical & Environmental

Dimensions

28.0"W x 40.5"D x 18.0"H
(71 cm x 103 cm x 46 cm)

Weight

150 lbs (68 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



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