

# Specifications

## DATAMASTER II DUPLICATOR

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### Dimensions

122cm H x 121 cm W x 82 cm D  
(48" H x 47.5" W x 33" D)

### Weight

*Diazo:* 331 kg (730 lbs.)  
*Vesicular:* 347 kg. (765 lbs.)

### Environment

*Temperature:* 10° C (50° F) to 27° C (80° F)  
*Relative Humidity:* 55%  
*Heat Dissipation:* 18,000 BTU/hour  
*Venting:* Recommended

### System Power

*AC Input:* 60 Hz - 190/240 VAC 3-phase and ground  
50 Hz - 200/415 VAC 3-phase, neutral and ground  
*Amperes:* 30 amps (other voltages can be accommodated)  
*Lamp Life:* 500 hours average  
*Warm-up:* Vesicular -15 minutes  
Diazo - 30 minutes

### Copy Film

*Capacity:* 610 m (2,000') for 4,000 4-mil thick copies  
475 m (1,500') for 3,000 5-mil thick copies  
305 m (1,000') for 2,000 7-mil thick copies  
*Core Size:* Vesicular - 7.62 cm (3") OD T core  
Diazo - 15.24 cm (6") OD cardboard core

### Ammonia (Diazo System)

1.89 liter (2.0 quart) bottle of aqueous ammonia -- one bottle provides for approx. 75 hours of operation

### Output

Cut vesicular or diazo 105 mm x 148 mm microfiche duplicates, depending on model selected; stacking tray holds up to 350 copies (of 5 mil thick film); actual throughput influenced by master film density, lamp age and desired copy contrast

## AUTOSORT COLLATOR

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### Dimensions

107 cm H x 103 cm W x 61 cm D  
(42" H x 40.5" W x 24" D)

### Weight

162 kg (360 lbs.)

### System Power

Provided by DataMASTER II - 5 amps max.

### Throughput

Up to 2,000 copies per hour

### Environment

*Temperature:* 10° C (50° F) to 27° C (80° F)

*Relative Humidity:* 40% to 80%

*Heat Dissipation:* 1,000 BTUs/hour

### Capacity

*125 Bin Configuration:* 5 trays of 25 bins each, 100 copies per bin,  
2500 copies/tray, 12,500 total copies

*250 Bin Configuration:* 5 trays of 50 bins each, 50 copies per bin,  
2500 copies/tray, 12,500 total copies

### Film

*Thickness:* 4, 5 or 7 mil

*Maximum Curl:* 0.064 cm (0.25")