

# RB20m

## 16/35mm Diazo Roll Film Duplicator



Real

- ❖ Low cost, high quality diazo roll film duplicator
- ❖ Designed for the low to medium volume user
- ❖ Table top unit requires no special installation or ducting
- ❖ Master film emulsion never touches the rollers
- ❖ Duplicates from 16 and/or 35mm standard or thin base films
- ❖ Variable duplicating speed and precise temperature control
- ❖ Suitable for daylight operation
- ❖ Integral fast rewind facility and film inspection panel
- ❖ Unique exposure system with no glass exposure cylinder or film tension belts
- ❖ Simple low pressure ammonia vapour processing system
- ❖ No film splitting or splicing required. Copies onto standard microfilm spools
- ❖ Precise film tracking for 16mm and 35mm film
- ❖ **NEW** Drive system to improve quality
- ❖ **NEW** Clutch Mechanism for easy maintenance and improved reliability

# Real RB20m 16/35mm Diazo Roll Film Duplicator

The **RB20m** is specially designed for desk top use in a normal office environment without the need for special installation. It is a versatile, yet simple to operate duplicator, designed for the fast duplication of both 16mm and 35mm diazo roll microfilm.

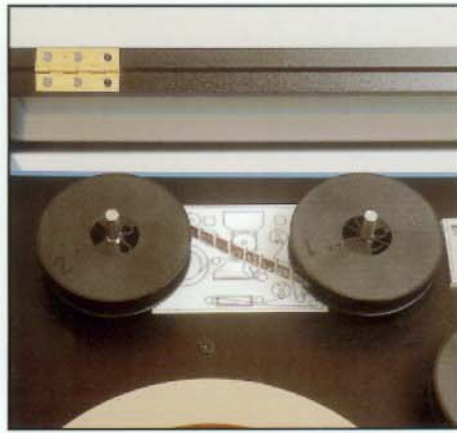
The **RB20m** has been modified to incorporate an improved Transport System. Significant improvements to reliability and image quality have been achieved by completely redesigning the clutch and drive belt mechanism. The new clutches allow easy maintenance and accurate adjustment of the master film and copy film tension while the toothed drive belts provide positive transport to both original and copy films.

The **RB20m** is ideal for medium volume users requiring a fast start diazo roll film duplicator for continuous or intermittent use. Typical production speed is 10 metres of film per minute dependant upon master film density and copy film type. No film splicing or splitting is required. Accurate speed and temperature controls enable duplication from a wide range of master film densities onto various colour diazo films with repeatable consistency of quality. Designed with the operator in mind the **RB20m** has many useful features.



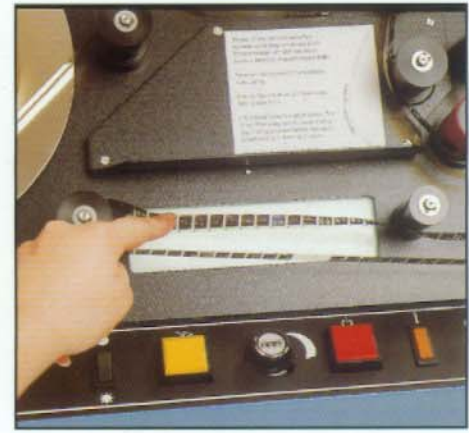
**Exposure System ▲**

The unique exposure system uses no glass cylinder or film tension belts which are prone to scratching by attracting dirt and static. This frequently results in damaged film and obscured copy images. Precise film tracking is achieved through the use of separate 16mm and 35mm exposure rollers ensuring the highest quality duplication without film slippage. This makes the **RB20m** ideal for duplicating blip and bar coded films.



**Fast Rewind Facility ▲**

The fast rewind facility is particularly useful when producing multiple copies. It enables films to be completely rewound within seconds thus increasing the turnaround speed and ensuring correct duplication.



**Inspection Light ▲**

A back lit copy film inspection light enables the operator to monitor the colour and quality of the copy film during duplication. This convenient feature eliminates the need for a separate film viewer.

Manufactured by:

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## Specification

<b>Master Film</b>	16mm or 35mm Silver Halide Negative or Positive Film, Diazo and Vesicular in standard 30m length and thin base 60m reels.
<b>Copy Film</b>	16mm or 35mm Diazo Duplicating Film. Blue or Black Image
<b>Copy Speed</b>	Fully variable, typically 10 metres per minute
<b>Power</b>	750W 220-250V 50Hz or 110-120V AC 60Hz (Please specify at time of order)
<b>Lamp</b>	Metal Halide UV 400W
<b>Dimensions</b>	800mm (31")W x 500mm(20")D x 650mm(26")H
<b>Weight</b>	55kgs uncrated

The manufacturer reserves the right to alter any specifications without prior notice.