

# Dumor!



## Innovation! Quality! Value!



Dumor M7

### Fully self setting automatic variable data and short run production digital **binder with cover feeder**

The new Dumor fully automatic binder is the result of evolution of the popular fully automatic hand fed binder Dumor 60A, coupled with a fully automatic cover feeder. The binder couples compact size, pleasing design, and the most advanced features to be found on any single clamp binder at any price. The binder is fully self setting for book thickness and length and is thus perfectly suited to variable data production and quick production runs. Production rates of over 450 cycles per hour are possible. Just look at the incredible list of features.



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## Technical specifications

**Model** Dumor M7

Length refers to spine length, height refers to book width  
 Book size min 130 length x 140 mm height  
 Book size max 420 length x 320 mm height  
 Binding thickness 2 mm to 58\* mm  
 Cover sizes min 135 length x 260 width  
 Cover size max 420 length x 660 width  
 Cover weights min 120 gsm max 300 gsm  
 Mechanical cycles/hr 450+  
 Warm up time approx 30 min  
 Milling and slitting, adjustable height, using shims  
 Signature milling to 3 folds  
 Cover clamp automatic setting and process  
 Book clamp automatic setting and process  
 Glue application 2 rollers and one reverse scraper roller  
 Side gluing self adjusting to book thickness using separate glue tank  
 Glue cut off self adjusts to the cover length  
 Display LCD computer controlled  
 Cover clamp adjustable in height and side clamping force  
 Cover position compensation by computer  
 Cover feeder by suction roller 5 cm pile height  
 Soft book ejection slide with book reception container  
 Fully guarded  
 Extra cover tray  
 Metric/Imperial size switch over  
 Adjustable glue application speed  
 Dimensions 2500 x 785 (+350 for book stacker) x 1245  
 Weight 600 kg  
 Consumption 3500W single phase  
 Fume extractor  
 Chip and waste extractor with waste bag outside the machine  
 Padding to 58 mm and milling to 50 mm on low speed with 1mm cut depth

- Certain very heavy card stocks may need to be pre creased for best results
  - Production speed varies with book size, thickness, glue, stock, covers used, and other environmental factors
- (\* Thick books 20 mm + on low speed with 1 mm milling)

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## Features

- Fully automatic binding cycle coupled with loading station
- Fully automatic cover feeder using suction roller feeding
- Extra cover storage tray near cover station
- Binding widths to 5.8 cm
- Automatic book ejection
- Automatic book high capacity stacker
- Two application rollers and one scraper roller
- Separate glue tank for side gluing just like on 10 clamp machines allows the use of specific fast drying glue for the cover wraparound
- Adjustable glue height
- Programmable machine settings for all major functions
- Program memories
- High power milling unit with patented milling head
- Heavy duty book slitting
- High capacity chip extractor with separate turbine and large waste bag
- Cover creasing using soft nylon rollers for gently creasing the cover
- Patented cover pressing system for ultra square backs
- Programmable clamping force and time
- Self adjusting side gluing
- Self adjusting total process for book thickness, perfect for book for 1 and variable data books runs
- Self adjusting process for book length
- Self inputting cover size data
- High definition computer controlled display
- Glue cut off on front and back of book used on both applicator and spreader rolls
- Self adjusting book gluing speed optimized to book thickness
- Padding mode
- Fully enclosed with fume extractor
- Mobile on casters
- Small in size and not too heavy to be moved to where needed
- Fully self diagnostic for error tracing

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