

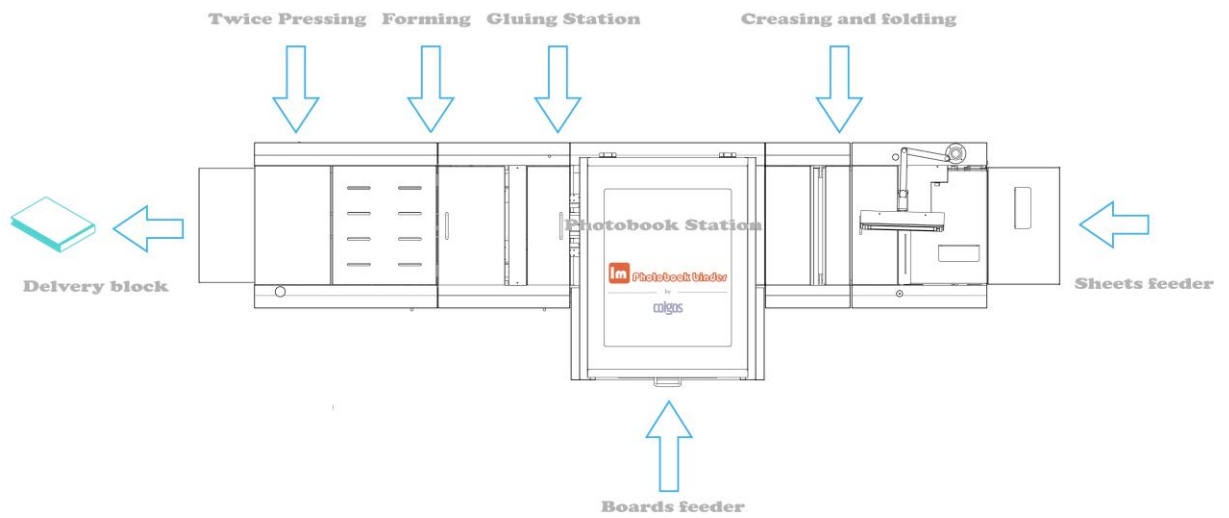
Auto-Block Maker

ColgosBlock



The one of the Colgos product family for block production

How does Block Maker Works



The ColgosBlock is ideal for premium book-on-demand products such as photobooks or children and promotional books. Both sides of the book are completely flat. With this type of binding visual information is not lost in the gutter and two-page spreads are fully visible. The book's pages do not turn over automatically as with other bindings. This lay flat technology is capable to produce book blocks, independent of substrate being utilized. The basic machine consists of:

- Lay flat binding(Fan binding) technology for photobook
- Automatic feeding and positioning of sheets and card boards
- Integrated glue station (hot-melt glue)
- **Net gluing head, Patent technology, non-blocking**
- **Sheets creasing and folding in stations**
- **Forming and twice pressing in stations**
- Only one operator required
- Rapid, fully automatic
- Simple to operate and Easy to use
- State-of-the art software control
- Attention to detail design, clear overview to each machine work station
- Minimal floor space required
- **Extensible modular design, On-demand customization in speed and finished case size.**
- **Stacker/Collector with Lift and Move Function**

Special Features



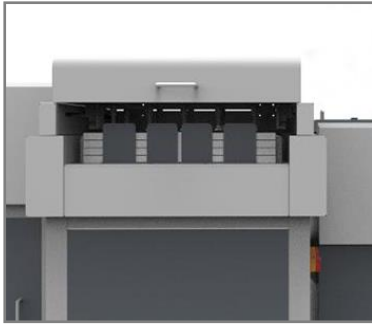
INTUITIVE OPERATION

The 10.2” touch screen allows operators to set job programs and run the machine intuitively.



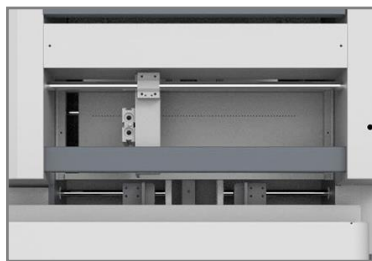
PATENTED FEEDING MECHANISM

The patented “Dual-Suction-Swing Feeding Mechanism” reduces risks of double feeds and mis-feeds drastically, therefore it prevents paper jams and enhances productivity. high-precision creasing and folding sections.



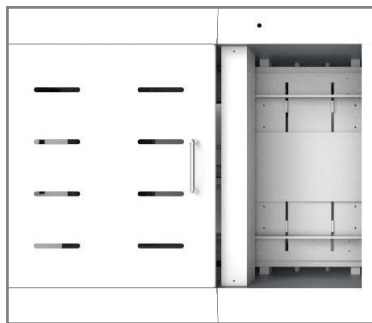
SERVO POSITIONING

Automatic feeding and positioning of card boards with Servo positioning. The Dual-Suction-Swing Feeding Module is optional.



PATENTED GLUE STATION

Integrated glue station (animal glue) and patented net gluing head. non-blocking and redundant glue recycling system.



FORMING OG BOOK BLOCK

Forming of book block and pressing mechanism with “Self--Adapting-Block Forming Positioning” .



AUTOMATIC STACKER /COLLECTOR

The stacker is light weight and easy to move. Engineered to auto-lifting for different stock and sizes of finished pieces. Convenient transshipment to other stations.

Technical Specifications

| Model | CG-500 | CG-800 |
|--------------------------|---|---|
| Finished block size(max) | 310x220mm | 330x400mm |
| Finished block size(min) | 160x160mm | 160x160mm |
| Spine thickness | Max. 30mm | Max. 60mm |
| Speed | Up to 720 s/h(standard) Up to 1800 s/h (extend multi-modular) | Up to 720s/h(standard) Up to 1800s/h (extend multi-modular) |
| Control | Touch Screen | |
| Gluing modular | Net gluing head | |
| Pressing modular | Mechanical+ Rollers | |
| Creasing modular | yes | |
| Folding modular | yes | |
| Paper feeding modular | Vaccum feeding | |
| Paper thickness | 120-300gsm | |
| Boards feeding modular | Servo-feeder | |
| Board thickness | 0.3-3mm | |
| Collector | Optional | |
| Dimension | W3155xD980xH1380mm | W3655xD1180xH1380mm |
| N.W. | About 1150kgs | About 1470kgs |



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*Picture and colors for reference only.

**All technical data is approximate and subject to change.

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