

# Bindwel Ultra PUR

Advanced Single Clamp Perfect Binder for Short-Run Book Production



## Precision Meets Versatility in Bookbinding

The Bindwel Ultra PUR is an ideal solution for short-run offset and digital book production, offering exceptional performance and adaptability. Designed to handle even the most demanding substrates, including print-heavy sheets with coatings and varnishes, the Ultra PUR eliminates the need for thread sewing while ensuring superior binding quality.



## Salient Features

- **Pneumatic Book Clamping:** Adjustable pressure for varying thicknesses and substrates.
- **Enhanced Spine Preparation:**
  - Combination tool with milling, notching, and brushing.
  - 5 HP milling unit with down/off mechanism for sewing or non-back cutting jobs.
- **Efficient Gluing Systems:**
  - PUR spine gluing system with 2KG pre-melter for durable binding.
  - Slot coater with automatic adjustment for varying book thickness.
  - Separate EVA side gluing for instant anchoring.
- **Advanced Automation:**
  - Book thickness caliper for auto-setup, enhancing short-run and on-demand requirements.
  - PLC-programmed feed-in time, cover nipping, and delivery duration.
  - Automatic cover feeder with inline creasing.
- **High Productivity:**
  - Quick job changeover for diverse binding tasks.
  - Vertical stack delivery for efficient handling.
- **Safety & Efficiency:**
  - Safety area sensors ensure operator protection at the feeding station.
  - Built-in intelligent MIS system for complete production data tracking.
  - Smart HMI with the ability to save up to 999 job settings for different formats.
- **Powerful Dust Management:** Integrated dust extractor keeps the work area clean and safe.

## Technical Data

Maximum Book Size	480 mm x 300 mm
Minimum Book Size	140 mm x 110 mm
Book Spine Thickness	3 mm to 50 mm
Maximum Cover Size	480 mm x 650 mm (300 + 50 + 300)
Minimum Cover Size	140 mm x 223 mm (110 + 3 + 110)
Cover Weight Range	80 to 300 GSM (Bond), 100 to 350 GSM (Coated)
Cover Stack Height	120 mm
Mechanical Speed	300 cycles/hour



### Impel Services Pvt. Ltd.

1303, Lodha Supremus, Opp. Saki Vihar Telephone Exchange,  
Saki Vihar Road, Powai, Mumbai-400 072, India.

Tel: +91-22-2088 0284 / 0285 email: sales@bindwel.com web: www.bindwel.com

