Horizon

2018 Horizon BQ-470 PUR & EVA
2018 Horizon HT-80 Three Knife Trimmer

Perfect Binding System Designed for Operation by One Person with Touchscreen Control Panel for Easy Set-up



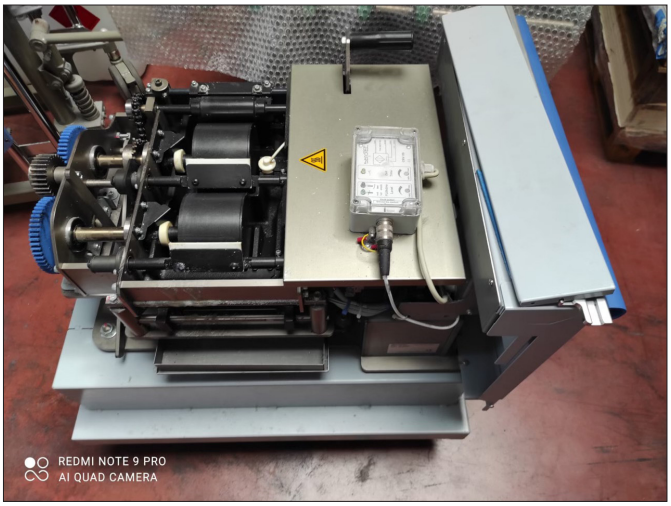
Complete In-Line Solution
Books of One, or 1,000s of Books

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print. finish. communicate.

2018 Horizon BQ-470 PUR & EVA + HT-80



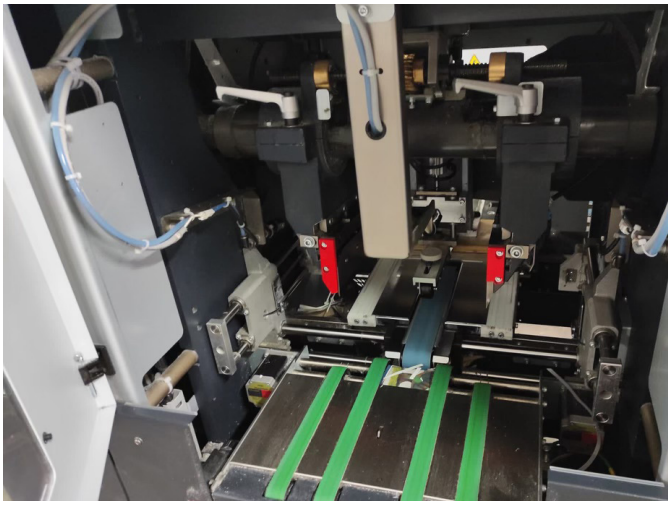
PUR Pre-Melter



PUR Spine Glue Assembly



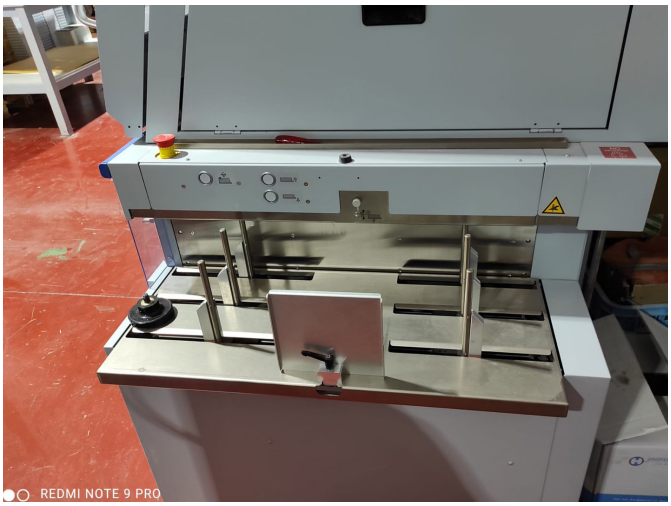
HT-80 Semi-Auto Setup



HT-80 Mint Condition



CV8-3 9’ Long Conveyor



BQ-470 Cover Feed with Hinge Score Auto-Set



BQ-470 Touchscreen - 2.2 Million Books



HT-80 Exit Conveyor



BQ-470 EVA Tank Installed



EVA Spine Glue Assembly



SS-80 Booklet Stacker



PUR & EVA Tank Trolley

Horizon BQ-470 PUR & EVA Specifications

Book Size: Max 12.6” x 12.6”
Min 5.7” x 4.1”

Open Cover Size: Max 12.6” x 25.9”
Min 5.3” x 8.8”

Book Thickness: Max .001” x 2.5”

Mechanical Speed: Max 1,350 cycles/hr.
(with PUR 1,000 cycles/hr.)

Cycles Produced: 2.2 Million



Horizon HT-80 Specifications

Untrimmed Book Size: Max 13” x 13”
(Spine x Fore-edge) Min 5.7” x 4.1”

Finished Book Size: Max 11.8” x 11.8”
(Spine x Fore-edge) Min 5.4” x 3.9”

Trim Width: Fore-edge up to 1.18”
Top to bottom up to 1.18”

Trim Height: .04” x 2”

Production Speed: 400 to 1,000 cycles/hr.

Video 1:
Horizon BQ-470 PUR & EVA with HT-80

Video 2:
Horizon BQ-470 PUR & EVA with HT-80

Video 2:
Horizon BQ-470 PUR & EVA with HT-80

System Includes

- BQ-470 Binder with hand fed station and 4 clamps
- LCD color touchscreen for full automation in the following areas:
  - Main clamp book width
  - Milling head
  - Spine glue length
  - Cover size & scoring
  - Cover nipping unit
  - Book delivery width
- Milling and roughing unit with PUR setting and dust bag extraction
- PUR spine gluing system
- Hotmelt side gluing
- Auto suction cover feeder with scoring and double sheet detection
- Standard delivery table to - Horizon SS-80 pre-stacker for pre-piling of finished books to - Extended infeed conveyor to - HT-80 Automatic Three Knife Trimmer Comprising of:
  - Straight infeed to integral register table with swing-away access
  - Digital control panel with LCD monitor for size setting and fault indication
  - Hydraulic clamping keeps the book/pile firmly in position
  - Diagonal cutting action for a precise finish of all three sides
  - Various book size clamps
  - Various size cutting beds
  - Knife changing cassettes
  - 2 sets of knives

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