



ULTRABIND 2

***The next revolution in
cost reduction***

HBI/LBI Fall Conference and Seminar

September 25 – 28, 2008



Jack Bendror
President
Mekatronics, Inc.

ULTRABIND 2

The next revolution in cost reduction

Like the original **ULTRABIND™** introduced in 1991, the **ULTRABIND 2™** will transform your business.

Our challenge was to redesign the machine to be able to bind any book on the production line with this list of requirements:



- No operator judgment
- No risk of damage to the book
- Expanded range -eliminating off-line sorting, pre-milling, milling, notching and hand double-fan binding.
- Perfect quality every time
- Higher/Predictable throughput regardless of book size
- Lower cost per book produced



OUR solution was a stronger, faster, simpler, more versatile machine designed to run with:

- **JUST 2** unskilled operators
- and **ZERO** off-line hand operations, boosting quality, throughput and profit

A revolution in savings



1. Eliminate 4 salaries.

\$ tap station-Ultrabind

\$ sorting/assemble

\$ milling/pre-milling/notching

\$ hand fan-binding

*(do the work of **6** with **2** operators)*



2. A massively strong clamping and milling station designed to process book blocks from as thin as a ...



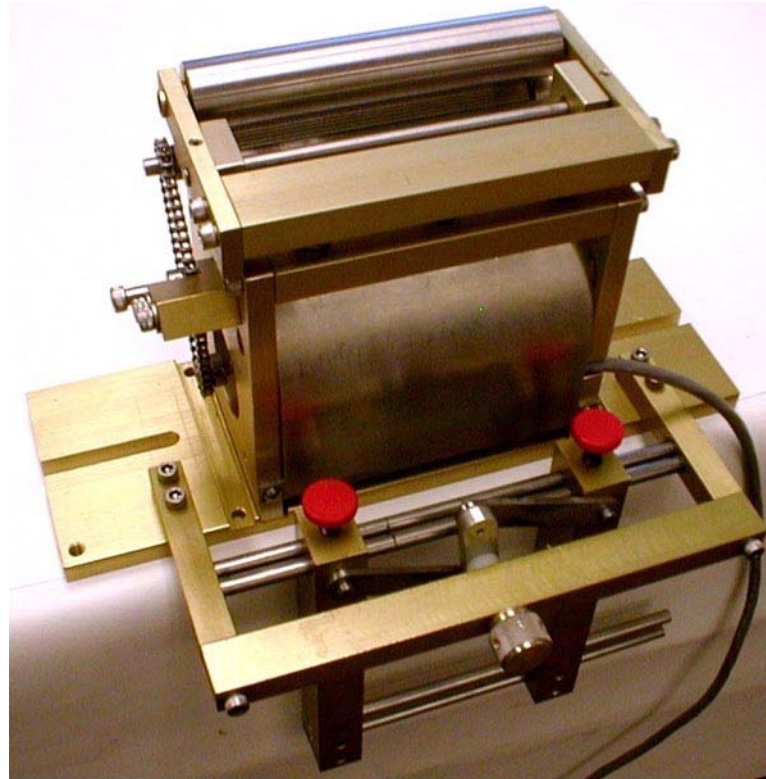
single page... to ...as much as 3-1/2 inches.



3. **Spine lining (now up to 5-1/4 inches wide) which rides on a bed of air as it is applied flawlessly--not a single jam through a full shift of production.**



4. Feeding back-lining material through the cloth-feed unit is now a matter of *seconds*.



5. Lining material centers automatically on the thickness of randomly sized books for a professional look, better than hand binding.



6. Lining is perfectly applied to thick books as well as thin, with a new concept flap folding station.



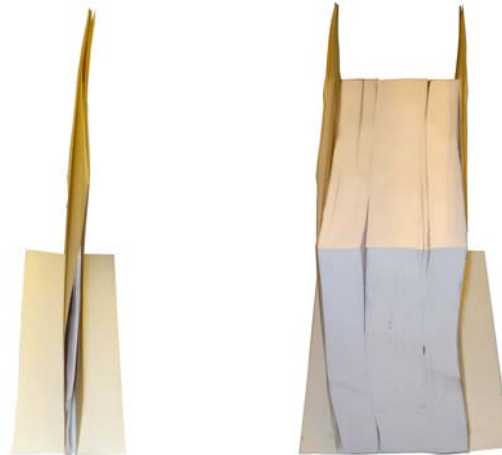
7. Endpaper registration is now **FULLY** automated and perfect. The tapping station operator (gone forever) will

never halt production again as machine throughput is increased.



The ability to process the entire job

With thin (1 page)



and thick (3-1/2")

books on **one machine** eliminates
the need and the operators for off-line

Sorting,

Milling,

Notching &

Double fanning



With 4 salaries eliminated...



Unit costs are slashed by
at least 50%!



THE NEW **ULTRABIND 2** WILL NOW LET YOU...

- **Forget** sorting for hand fanning
- **Forget** pre-milling
- **Forget** off-line notching
- **Forget** off-line hand double-fanning



...Think at least 50% lower unit cost

...Think single stream production

...Think HIGHER PROFITS!

YOU MUST SEE IT TO BELIEVE IT!



THANK YOU FOR YOUR ATTENTION

Mekatronics Inc.

www.mekatronicsinc.com

516-883-6805

