



PRO-FALCONS MACHINERY *MANUFACTURERS*

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About Us

- *Pro-Falcons is designed for creating, communicating and delivering value and satisfaction to customers and for managing customer relationships in ways that benefit organization and its stake holders.*
- *We well known that providing excellent customer service is different from and more difficult to achieve than excellent product quality. So we only concentrate on customer satisfaction by giving a valuable products according to the factors of performance, features, service, warranty, price and reputation.*
- *We are giving quality products in economical manner. Along with the quality we also concentrate on the innovative design of the products and services ideally tailored to our customers, which helped us to gain the powerful driven force for the industrial progress.*
- *We are strive to achieve perfection by continuously improving the business and production processes. We have built a team which is having innovative knowledge, devoted workmanship which has fuelled our steady progress and we concentrate more to grow as a globally recognized manufacturing company.*

Our Quality + Our Innovation = Your Satisfaction

Our Mission :

Our mission is to supply quality, economical, eco-friendly products with idiosyncratic and new fangled manufacturing approach, which is consummate by our quality system, efficient and effective team work and continual process development through ethical efforts.

Our Vision :

Excellence Beyond Expectation'.

Our Products

- *NOTEBOOK PINNING AND FOLDING MACHINE*
- *NOTEBOOK EDGE SQUARING MACHINE*
- *HARD CASE BINDING MACHINE*
- *CASING-IN MACHINE*
- *JOINT FORMING MACHINE*
- *SINGLE CLAMP PERFECT BINDING MACHINE*
- *THREE CLAMP PERFECT BINDING MACHINE*
- *SIX CLAMP PERFECT BINDING MACHINE*
- *NIPPING PRESS MACHINE*
- *CASE CORNER ROUNDING MACHINE*

Notebook Pinning And Folding Machine:

Pro-Falcons designed a unique design for Notebook wire stitching and center folding which is obtained in a single machine automatically. By using this machine notebook making process more easier and effective.

Technical Details :

- *Max.Book Width 240 mm for side Pinning.*
- *480 mm for Center Pinning.*
- *Min.Book Width 110 mm for Side Pinning.*
- *210 mm for Center Pinning.*
- *Max.Book Length 850 mm.*
- *Min.book Length 100 mm.*
- *Max.book Thickness 10 mm.*
- *Min.Book Thickness 3 Papers.*
- *Pinning Head Speed 300 Stitches/Min.*
- *Stitching Wire 24, 26 SWG.*
- *Machine Speed 1200-2000 Cycles/Hour. (Depends operator)*
- *Motor Capacity 3.5 Hp.*
- *Electrical Supply 220 v/ 440 v both available.*



Notebook Edge Squaring Machine:

Pro-Falcons designed most economically rugged machine for back spine squaring of the notebooks. This machine involves once pinning process has been done with notebook, it ensures the notebook for good square finish look wise. Without this machine notebook manufacturing incomplete.

1. Brand	:	PRO-FALCONS.
2. Max. Book width	:	850 mm. (85 Cm.)
3. Spine thickness (min. to max.)	:	5-60 mm.
4. Book Height (min.)	:	100 mm.
5. System Clamp Pressure (up to)	:	10 Ton.
6. Squaring Pressure (up to)	:	3500 kgs. (3.5 Ton)
7. Motor Specification	:	3 Hp. (Marathon Brand)
8. Power Supply	:	415 VAC, 50HZ, 3 Phase.
9. Hydraulic Oil tank capacity	:	50 liters.
10. PLC Programmable	:	Selectron Brand.
11. Pump and Valves been using	:	BOSCH, YUKEN.



Single Clamp Perfect Binding Machine:

We PRO-FALCONS involved in Manufacturing a Single Clamp Perfect Binding Machine for our valuable customers of book binding industries.

Features of our Machine:

Having Easily adjustable book clamp. Milling station with cutter, notching teeth with a powerful dust extracting blower system. Main Glue and Side Gluing options available. Cover nipping registering station with facility to control the nipping pressure. Timers for adjusting feed-in time, cover nipping duration and delivery. Wide range of jobs can be done with easy job change over which is achieved by PLC controlling system.

Technical Data ;

- *Book Thickness : 3-60 mm.*
- *No.Of Clamps : 1*
- *Book Length : 70-450 mm.*
- *Speed : 650 Cycles/Hour.*
- *Capacity : 450 Books/Hour.*
- *Power Supply : 415 V, 3 Phase, 50 Hz.*



Six Clamp Perfect Binding Machine:

Machine's Salient Features :

- 1. To handle oblong books, 6 book clamps travelling in an oval shaped path, where the spine is in line with the crucial binding systems.*
- 2. Gives High Quality bindings with the help of three roller glue application and separate side gluing.*
- 3. Calibrated head and tail cut offs to avoid adhesive squeeze out.*
- 4. Online creasing attachment with Auto Cover feed makes more sense in production.*
- 5. Our machine has Optional feeder tray for manual feeding of gate folded covers.*
- 6. 'No book-No cover' system ensures the continuous flow of clamps.*
- 7. Height and Pressure adjustable ram for book blocks.*
- 8. Moving type Cam Nipping system ensures perfect nipping cover registration.*
- 9. Special type milling cutter comes with strip cutting which cuts paper for commercially successful way.*
- 10. Chute delivery system with built in safety systems.*

Technical Specifications:

Max book size:- 440 mm x 230 mm

Minimum book size:- 150 mm x 100 mm.

Spine thickness :- 3-50 mm.

Cover size :- 400 mm x 510 mm.

Minimum cover size:- 150 mm x 220 mm.

Mechanical speed :- 2500 Cycles / Hr.



Three Clamp Perfect Binding Machine ;

PRO-FALCONS provides a three clamp perfect binding machine for small scale notebook manufacturing company which helps them to get more production with affordable cost.

Salient Features:

- 1. Book Clamping is Semi-Automatic.*
- 2. Milling Cutter is comes with strip type.*
- 3. Three roller hot glue system.*
- 4. Gluing tank inbuilt with Geared type gluing system.*
- 5. Ensures accurate cover registration.*
- 6. Digital Book counting system.*
- 7. Auto Wrapper feeding and registering.*

Technical Data:

- 1. Min. Book Thickness 3 mm*
- 2. Max.Book Thickness 50 mm*
- 3. Book Width 100-450 mm*
- 4. Machine Speed 1500 Cycles/Hour.*
- 5. Capacity 1200 Book/Hour.*
- 6. Double Scoring and Quadruple Scoring Available*
- 7. Milling depth upto 3 mm.*



Case Making Machine :

We PRO-FALCONS presenting a best machine for Hard case makers which helps them to get a uniqueness in their field. All the operations in this machine are executed by the operator seated in front of the machine. This machine contains gluing unit, Cover Registering section with Suction Table, Folding Unit. The operator passes the cover into gluing section where it captures an hot glue in a even manner. By the use of foot pedal switches, the operator controls the air suction plate for perfect registration of the cover. By the use of suction bars, the board pieces are manually placed on a cover accurately. Now it is go to folding section for edge folding. All four edges of the case has been folded by the only two passes through the roller section. This process is perfectly done by the help of pressing rollers and brush roller. At this point work has all done and case will be delivered behind the folding section.

Technical:

- Min. Case Size 100mm x 160mm
- Max. Case Size 450mm x 800mm
- Paper Thick upto 170gsm
- Board Thick Up to 5mm
- Gluing System Bottom
- Type Of Glue Hot or Cold
- Capacity 350 Cases/Hour.
- Motor 4.5HP



Casing-In Machine:

Pro-Falcons come up with a solution for Diary making process which makes process of that easier for our customers. We Introducing a user friendly Casing-In machine for our valuable customers.

Salient Features:

Can easily handle flexible covers and extremely small formats.

Book feeding is easier.

Easy operation method.

Technical Data:

Min. Book Size : 100mm x 90mm

Max. Book Size : 400mm x 340mm

Min. Thickness : 5mm

Max. Thickness : 100mm

Power consume: 1 Hp, 415 V, 3 Phase.

Capacity : 480 books/Hour.



Joint Forming Machine:

This machine will help us to press the books immediately after casing-in and making the joint by burnt in at the same time. This Machine is simple, Versatile and user friendly one.

Salient Features:

Pressing Pressure 2 Ton gives a Even pressing in Book.

Depth of the Joint forming can be adjustable.

Perfect result obtained by Heated Formers.

For various applications inter changeable guides are available.

Technical data:

Min. Book : Thick 8 mm

Max. Book : Thick 100 mm

Book Size : 350 x 500 mm

Hydraulic Pressure : 2 tons.

Power 3.5Hp, 415 V, 3 phase.



We Assured

Quality

Services

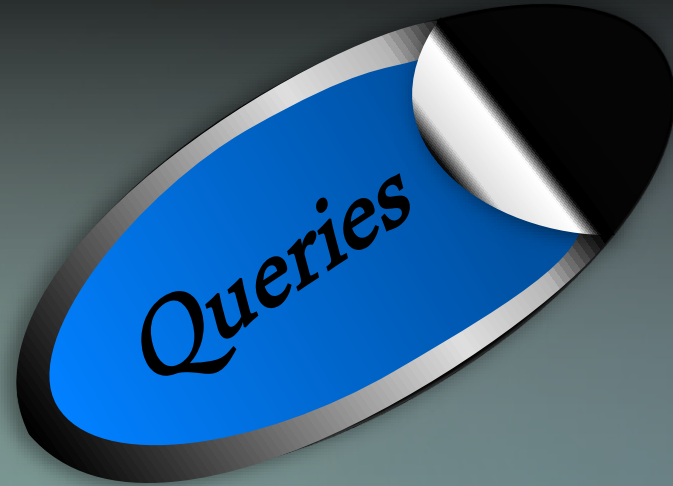
Performances

Warranty

Features

Low Cost

Please Contact Us For,



Pro-Falcons & Team.

Thank You

Thank You

Thank you

Thank You