



**PRAGRON**

Manufactures and Exporters  
of Pharma Machines

a pioneer **pharmaceutical  
machinery manufacturer** in India



[www.pragronindia.com](http://www.pragronindia.com)

# **PRAGRON ENGINEERING COMPANY**





Pragron is a pioneer pharmaceutical machinery manufacturer in India and a leader in its own right. Pragron has a wealth of experience in developing & manufacturing a range of machines about a decade. If you're looking for a reliable and an economical supplier to source your products, think of Pragron.

Today's Pragron printing machines incorporate the latest advances in engineering technology, whilst retaining the brilliant simplicity of the original concept. And Pragron meets today's pharmaceutical world's total Tablet/Capsule printing technology. Pragron CP series has been designed as a result of many year of experience and technical know-how in the pharmaceutical field. CP series is economically priced with high accuracy, high productivity, easy maintenance/cleaning and quality assurance. Whatever the tablet/capsule requirements, the Pragron range of machines and ancillary equipment remains the undisputed first choice for pharma world.







## Tablet/Caplet Visual Inspection Machine

### Salient features:

- Compact Design
- No change part required.
- High-speed visual inspection with high output.
- Both coated and uncoated tablets & caplets of all sizes can be inspected.
- Food grade endless PVC belt.
- Magnifying lens provide for better viewing.
- Complete tablet surface is inspected on both faces.
- Angular guides provide on the edge of the conveyor make tablets to rotate 360° to inspect the tablet edge.
- Perforated vibratory plate for dust extraction provide.
- Hopper and fluorescent inspection light are provide with height adjustment.
- Comply with cGMP standard.

\* Lab models also available

SHIPPING DATA	PRAGRON TO-2100
Main Machine	86' x 33' x 47'
Net Wt.	200Kgs
Gross Wt.	350Kgs

Note: Subject to change without prior notice.

**Operation:** Tablet / caplet to be inspected are fed in hopper. Tablet get placed automatically on the PVC conveyor through vibrator. The tablet move along with the other face of the tablet is inspected during its motion on the conveyor. Dust extracting tray provided to connect the dust extractor. Trays provided to collect rejected tablets. 100% perfect tablets fall into the collection container. Output: Inspection capacity about 3-8 lakhs tablets per shift depending upon product size and quality.

With 100% reversible, 100% of the tablets are held in reserve for inspection with inspection capacity about 3-8 lakh tablets per shift depending upon product size and quality

# Tablet/Soft Gelatin Capsule Printing Machine

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## Salient features:

1. Fully Automatic printing machine for capsule/tablet of any size.
  2. 100% feeding output. (Feeding depends on the Shape and quality of product)
  3. Prints on any shape-Round, Oval, Hexagonal, and Triangular etc-Wax, Sugar or film coated tablets.
- Provides sharp printing on both capsule & tablets.
  - Minimum air requirement 2 Kg to 6 Kg.
  - Imported pneumatic components used for better performance.
  - Hardened gears and shafts give longer life span.
  - A versatile, trouble free, easy to operate machine.



## PRAGRON VARIOUS MODELS

Model No:1.	CP 60	2 to 6 Lakhs
Model No:2.	CP 120	2.5 to 8Lakhs
Model No:3	CP XL	3 to 10 Lakhs

\*varies models design for Higher output. Outputs depending upon the size/shape and quality of products.





## Tablet/Soft Gelatin/Hard Gelatin Capsule Counting and Filling Machine

### ...for accuracy versatility and lowest packaging cost

An ideal machine to count & fill tablets/capsules up to 1000 both in Glass Bottles and rigid containers in bulk quantities and also where you need Peak output. Two container can be filled at a time through a single track filler.

This model FASD 48 equipped with highly sophisticated technology and superior production techniques in order to get greater and faster productions in counting and filling of capsules/tablets. Up to Four bottles can be automatically filled at a time through a twin 4 track filler. Up to 100 bottles per minute depending upon the number of counts per fill.

### Optional accessories

1. Dust extractors for removing the powder from the filler when using uncoated tablets.

#### PRAGRON VARIOUS MODELS

Semi Automatic	CC24 / CC30
Full Automatic	
Model No:1.	FASD: 36
Model No:2.	FASD: 48
Model No:3	FASD: 36

# Counting Machine

**ADJUSTABLE FILLER :** The filler height can be adjusted up to 125 MM for different height of bottles. All contact parts are fabricated out of stainless steel 316.

**GEAR BOX AND DRIVE:** The heart of every Pragon is a heavy duty gear box 40:1 ratio connected to a 3 phase Ac 1 HP motor 1440 rpm with variable speed drive. The rpm of the disc varies from 3 to 8 depending upon the product.

**DELIVERY CHUTES:** Delivery Chutes direct the product from the counting disc into Bottles through the tray and chute. For accurate filling, tubes and adaptors of various sizes are supplied to suit different containers. Special delivery chutes will be supplied for counting and filling capsules in narrow mouth container such as vials.

**DUST REMOVING VACUM SYSTEM:** Integrated with the filler, under the hopper is the vacuum system that provides a dust free passage of stocks to the containers. The system also gives efficient and smooth running of the disc when uncoated tablets are counted.

**LARGE COUNTING DISCSA Pragon Speciality:** A 48 dia. disc on single fill model gives every Pragon the highest capacity. Each disc is custom designed and manufactured to meet your individual filling requirements. These exceptional machines are versatile enough to count coated/uncoated tablets, hard or soft gelatin capsules of any shape and size such as pearls, oblong and round. efficient and smooth running of the disc when uncoated tablets are counted.







Model	Tablets/Capsules	Uncoated##	Coated
24"	20.....	25 Fills.....	35 Fills
	50 .....	20 Fills.....	28 Fills
	100 .....	10 Fills.....	14 Fills
	250 .....	5 Fills.....	7 Fills
36" FASD	20.....	60 Fills.....	84 Fills
	50 .....	50 Fills.....	70 Fills
	100 .....	30 Fills.....	60 Fills
	250 .....	20 Fills.....	30 Fills
48"	20.....	120 Fills.....	168 Fills
	50 .....	120 Fills.....	168 Fills
	100 .....	60 Fills.....	100 Fills
	250 .....	30 Fills.....	45 Fills

Heavy duty dust extractor as a utility required for uncoated tablets. "Output depends upon the neck diameter of bottle..  
Quality of tablet and no. of tablets to fill in the bottle

## Specifications & Dimension

Model	FASD 24"	FASD 36"	FASD 48"
Table size .....	any type .....	any type .....	any type .....
Capsule .....	0 to 5 .....	0 to 5 .....	0 to 5 .....
Container size.....	up to 4 inches.....	up to 4 inches.....	up to 4 inches .....
Power required.....	3 phase 440 v/220 v.....	3 phase 440 v/220 v.....	3 phase 440 v/220 v .....
Getting system.....	single phase 230 v.....	single phase 230 v.....	single phase 230 v .....
Dia of Filler.....	24".....	36".....	48".....
Length of Conveyor.....	60".....	72".....	90".....
Dia of Inscramble.....	24".....	36".....	36".....
Reduction Gear Box.....	Radicon/Shanti.....	Radicon/Shanti.....	Radicon/Shanti .....
Motor - Power.....	Hindustan / 1.5 HP / 415 V.....	Hindustan / 3 HP / 415 V.....	Hindustan / 3.5 HP / 415 V .....
Electrical Controls.....	L & T or Siemens .....	L & T or Siemens .....	L & T or Siemens .....
Speed Control.....	Variable Frequency Drive.....	Variable Frequency Drive.....	Variable Frequency Drive .....
All Contact Parts.....	SS 316.....	SS 316.....	SS 316 .....

# Product List

1. Tablet/Soft Gelatin Capsule Printing Machine
2. Tablet/Soft Gelatin/Hard Gelatin Capsule Counting and Filling Machine
3. Tablet / Caplet Visual Inspection machine
4. Capsule Inspection Polishing
5. Capsule visual inspection come automatic polishing machine
6. Counting Disc
7. Graver Roller
8. Polyurethane Roller
9. Natural Rubber Roller
10. Silcon Rubber Roller
11. Feeding Disc For Printing Machine
12. Printing Ink
13. All Other Change Parts and Accessories



Tablet Visual Inspection Machine



Tablet Visual Inspection Machine (CGMP)



Semi Automatic Tablet/Capsule Counting Machine (C.C. 30)



Graver Roller CP-120



Rubber Roller



Graver Roller (Pragron Mini)



Polyurethane Roller



Natural Rubber Roller (C.P XL)



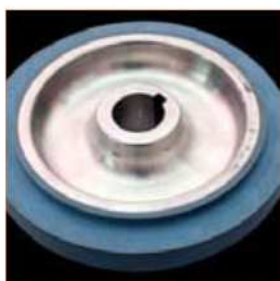
Graver Roller (Mini CP-60)



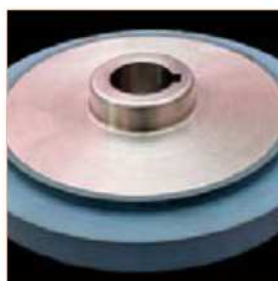
Ink Roller



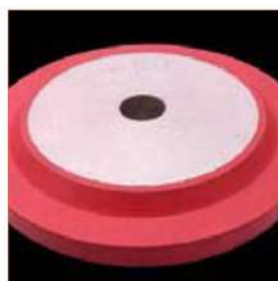
Graver Roller (Mini CP-120)



Natural Rubber Roller



Natural Rubber Roller



Natural Rubber Roller (C.P XI)



Graver Roller (Pragron)



## Customer Service & Technical Support

Pragron pride themselves on the high degree of technical support they make available to users. This includes advice and assistance with formulation, information and process application data. This support is available both pre & post sales and extends to commissioning and training, thus ensuring that customers can complete their investment programme confident in the knowledge that the machine of their choice will meet their production needs.

Customers satisfaction is our way of life. We are ever alive to the toughest challenging requirements and to the critical delivery schedules of our customers. Our well-trained service engineers, well versed in machine technology, are always at the service of our customers to assist in times of need.

Technical assistance and process to determine optimum solution to product compatibility and the correct application system to get mass production with superior quality. In addition Pragron design, service, process and training expertise is available for support, both before and after the point of sale which ensure that customer requirements, however exacting, are fully satisfied.

## Client List

AKUMS Drugs & Pharmaceuticals Ltd.  
ALBERT David Limited.  
ALEMBIC Ltd.  
BENTLY & Remington Pvt. Ltd.  
CAPSUGEL India Ltd.  
CIPLA Ltd-Kurkumbh-Pune.  
CIPLA Ltd-UnitIII&IV-VernaGoa.  
Dr. REDDYs Laboratories Ltd.  
NICHOLAS PiramalIndiaLtd.  
PACKAGING Engravers (India) Pvt. Ltd.  
PHARMACHINE (India).  
THEMIS Laboratories Pvt. Ltd.  
XL Laboratories Ltd.  
ZYDUS CADILA Helthcare Ltd.





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