

Artificial  
**Insemination**  
Equipment  
Since 1980



Product Catalogue





Artificial  
**insemination**  
equipment of proven  
**quality** as per  
international standard



# innovation

## ONLY MANUFACTURER IN INDIA

Bal Krishan Plastikrafts is a 44 years old manufacturer of Artificial Insemination Equipment in India. We take pride to be the pioneer in the industry and accept it as an honour.

### Major facts:

- Our products like BKP straws sheaths and A.I applicator got approved from Ministry of Agriculture in January 1989.
- We have been producing 0.25cc straws from 1995.
- Introduced laboratory machine at a very competitive price by using indigenous raw material.
- Introduced a Unique Self Locking type A.I applicator, accepted and appreciated by various Animal Husbandry Departments of many Governments & Milk Co-operative Federations worldwide.
- Providing consumables straws sheaths A.I applicator & other A.I products across the nation.
- Grown with times, we have taken care of even the precise requirements of A.I field, and come up with a unique semen storage straw US3 to prohibit the brand duplication.
- Developed an all new ALPLUS SHEATHS for optimum utilization of frozen semen with zero back flow.

## AROUND THE WORLD

We are a world renowned company providing products worldwide

- Launched an advanced single packed sheaths for safe and sure A.I.
- Exporting A.I. consumables in bulk to various countries since 2003.
- Exporting 35 to 40% share of the production to Asian countries.

## SERVICES

Renowned for its global services with international standards, we believe that continual improvement & environmental management system are the only tools to help our organization delivering highest results and accomplish the vision of becoming a well respected name in Research & Department.

We are an environment-friendly organization, complying with all applicable environmental laws. Apart from offering prompt after sales service for laboratory machines at Frozen Semen Labs for all imported and Indian origin, we also provide equipment for labs at every point of machine sight.

- Analyzing needs and expectations of customers.
- Improving methods and workforce through innovation and training.
- Imparting environmental awareness within the company, customers & suppliers.
- Developing sound practices for effective waste management and proper energy consumption with a better use of natural resources.





# vision & mission



We, at **Bal Krishan Plastikrafts**., believe that the establishment of an effective quality and environmental management system will help our company achieve its vision of becoming a highly respected name in Research & Development.

The company is strongly determined to lead in this industry by providing satisfaction to our customers and complying with all applicable environmental laws and other requirements that we subscribe to. We achieve this by:

- Addressing the needs and expectations of our customers in a timely manner.
- Continually improving our processes and manpower through innovation training.
- Continually raising quality and environmental awareness within the Company and our customers & suppliers as well.
- Developing sound practices for effective waste management and proper energy consumption using natural resources.

It is imperative that all personnel understand this policy and that all relevant objectives/targets formulated are for the continual improvement of the quality and up-keeping interest of the nation.






## quality policy



We strive for excellence by providing highly advanced and customised solutions that best satisfy the requirements of our customers. Our each process, product and human resource is committed to win over challenges and ensures that every delivery to the customers goes through the stringent quality gauges.

Our international standard QMS develops an unbreakable trust and gears towards a continual quality improvement.





## about us

Established since 1980, we, **Bal Krishan Plasikrafts** manufacture **Quality Artificial Insemination Equipment in India**. It gives us a pleasure to inform our valued customers that our products are now not only being widely used in India but also exported in bulk Worldwide.

Towards the stride to become the pioneering Company producing quality products of import substitute, we have crossed several major achievements in this field of manufacturing Medium 0.5cc / Mini 0.25cc Semen Storage Straws, Medium 0.5cc / Mini 0.25cc / Universal AI Sheaths, AI Applicators etc. etc. With the recent introduction of Single Packed AI Sheaths (**SPS**) packed by fully Automatic Machine, first time in India, we have once again proved our dedication towards supplying best products for maximum benefit for end user. Our Continuous efforts for development of new and better products resulted in the introduction of special type Universal AI Applicators in Technical tie-up, which have been very well appreciated and fully accepted by customers in India and abroad. Indigenous set up of our In-House R & D and support from our valued customers both in India & abroad, helped in the availability of best suitable machines for Frozen Semen Banks at very competitive price with quick and prompt After Sales Services by our expert and experienced Technical Personnel.

Our tireless work and R & D will continue and we take this opportunity to assure our customers that they can expect more and more new quality products in the field of Animal Breeding, from us, that too at very economical and reasonable price. At number one we stand and will continue to be number one in India with the valuable support and acceptance from our esteemed customers in the time to come.







## Automatic Filling & Sealing Machine (for Medium or Mini Straws)



Unobstructed view of ongoing process



### Salient Features

- Fill seal 3 semen storage straws at a time.
- Digital Vacuum control
- Touch screen HMI for Start/Stop
- Alarm Display on Screen
- Low semen level detection
- Straw Hopper Level Detection
- Smooth and Easy Straw loading
- Easy Button Operation

### Many Safety features

- Hopper empty / Improper Hopper Fitting / Improper Vacuum / No Semen
- Digital Ultrasonic for perfect sealing of straws.
- Magnetic Straw holding plate for easy and fast removal
- Magnetic Straw Collection Tray
- Unobstructed view to see proper straw filling sealing & vacuum stations
- Easy Engaging Disengaging of needles
- Can be used with both Disposable and Non-Disposable needles
- Magnetic Straw Groove guide for smooth operation
- Easy Operation and Maintenance.
- Minimum manipulation between each ejaculate.
- All functions monitored on HMI during process.
- User friendly and ergonomic.
- Easy to clean / Low Maintenance
- Smooth and Noiseless operation
- All parts that require cleaning will be easily handled without tools.
- To ensure hygienic condition, manufactured in Special Grade Plastics, Aluminium & stainless steel.
- Compatible in functionality for all type / other available manufacturer straws
- Easy to connect / Integrate with Straw Distributor for Inkjet Printing (Optional)
- Standardization, ISO 9001:2015

### Supplied with Accessories

- Long / Short Disposable needles, Disposable Cones, Flexible tubes, Plastic Plug etc
- Start-up Tool kit & User Manual
- Plug and Play Machine setup



Model: BKFS 3x3

Power Supply : 220 V - 50 / 60 Hz.  
Output : Minimum 10000 ST/HR.



## Straw Inkjet Printer

### Salient Features

- Latest Printing Technology.
- Easy to operate & time saving.
- Minimum Maintenance.
- Sharp and dark jet printing with adjustable font size.



### Jet Printer

- Printing upto 85 characters per straw.
- Start stop with auto cleaning.
- Available with Bar coding.
- Printing nozzle size 40-50 microns.
- Automatic nozzle closure and flushing to prevent choking.
- Latest technology from world leader DOMINO UK

### User Advantages

- No more rubber stamps.
- Save technicians time.
- Simple operational system.
- Easy connectivity with automatic filler sealer.
- Making laboratory scientifically efficient.
- Efficient and modern Integrated system.



Model: BKFS 1x1

### Straw Distributor

- Minimum maintenance required.
- Smooth and noiseless operation.
- Easy connectivity with Jet Printer.
- Compact in size and durable quality.
- Output: 22500 straws single line per Hr.
- Suitable for Both 0.25/0.50cc Straws

Power Supply : 220 V - 50 / 60 Hz.  
Output : Minimum 22500 ST/HR.

### Software Interface

- Simple data bank for bulls characters.
- Built-In help menu for easy reference.
- Control distribution for Auto Start / Stop.
- Specially designed interface for Printer and HMI.
- Bar Coding / Miscellaneous Information can be printed.



### Consumables:

- Ink Reservoir
- Make - Up Cartridge
- Wash Solution
- Ink Cartridge.







## Integrated Filling, Sealing & Inkjet Printing Machine (for Medium or Mini Straws)

### Salient Features

- Fill seal print 3 semen storage straws at a time.
- Digital Vacuum control
- Alarm Display on Screen
- Low semen level detection
- Straw Hopper Level Detection
- Smooth and Easy Straw loading
- All functions monitored on HMI during process.
- Touch screen HMI for Start/Stop with Automatic & Manual Operations
- Easy Operation and Maintenance.
- User friendly and ergonomic.
- Easy to clean /Low Maintenance
- Smooth and Noiseless operation
- Plug and Play Machine setup
- Minimum manipulation between each ejaculate.
- All parts that require cleaning will be easily handled without tools.
- Compatible in functionality for all type / other available manufacturer straws
- Easy to connect/Integrate with Straw Distributor for Inkjet Printing.
- Optimum efficiency in Bull Semen Processing with minimum manual operations.
- To ensure hygienic condition, manufactured in Special Grade Plastics, Aluminium & stainless steel.

### Many Safety features

- Magnetic Straw Collection Tray
- Easy Engaging Disengaging of needles
- Digital Ultrasonic for perfect sealing of straws.
- Magnetic Straw holding plate for easy and fast removal
- Can be used with both Disposable and Non-Disposable needles
- Magnetic Straw Groove guide for smooth operation
- Unobstructed view to see proper straw filling sealing & vacuum stations
- Hopper empty /Improper Hopper Fitting/improper Vacuum/No Semen

### Straw Printing

- Efficient & effective integrated system
- 40-50 Micron Pin-point Printing nozzle
- Error display on Screen
- Single command Start Stop
- Start Stop with Auto Cleaning.
- Sharp and Dark jet printing with adjustable font sizes.
- Automatic Nozzle Closure & Flushing to prevent blockage
- Control Panel for Auto Start Stop, No. of counts, Online error Display
- Printing upto 85 characters per straw including Barcode, Bold Printing options.
- Standardization, ISO 9001:2015



Unobstructed view of sealing filling process



Model: BKIU 3x3



### Supplied with Accessories & Consumables

- Long/ Short Disposable needles, Disposable Cones, Flexible tubes, Plastic Plug etc
- Wash solution/ Ink cartages /Make up Cartages
- Start-up Tool kit & User Manual

Power Supply : 220 V - 50 / 60 Hz.  
Output : Minimum 10000 ST/HR.

\* Available in 1x1 & 4x4 Variant



**Bal Krishan Plaskrafts**  
An ISO 9001 : 2015 Certified Company



I n n o v a t i v e   A r t i f i c i a l   I n s e m i n a t i o n





## Bal Krishan Plastikrafts

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\*We reserve the right to deviate the catalogue specifications for the purpose of product development