# ANIMAL REPRODUCTION TECHNOLOGY



## AUTOMATIC STRAW PRINTINTG AND
### COUNTING SOLUTION
MODEL: AB-SPC8K

# AB-SPC8K

## One system for many types of straw processing

High speed and high quality printing of straws with the option of both Alphanumeric human readable and MRC codes printing.
Precise nozzles for printing on both .25ml and .50ml sizes of straws .



## Integrated LEIBINGER Germany Jet3UP MI Printer

The JET3up from LEIBINGER is a printing system which allows high printing performance on straws used for animal reproduction, enabling semen tracking. It offers two printing technologies, combining easy to use and ergonomic features and a totally intuitive software. It provides reliability across all types of operating conditions.
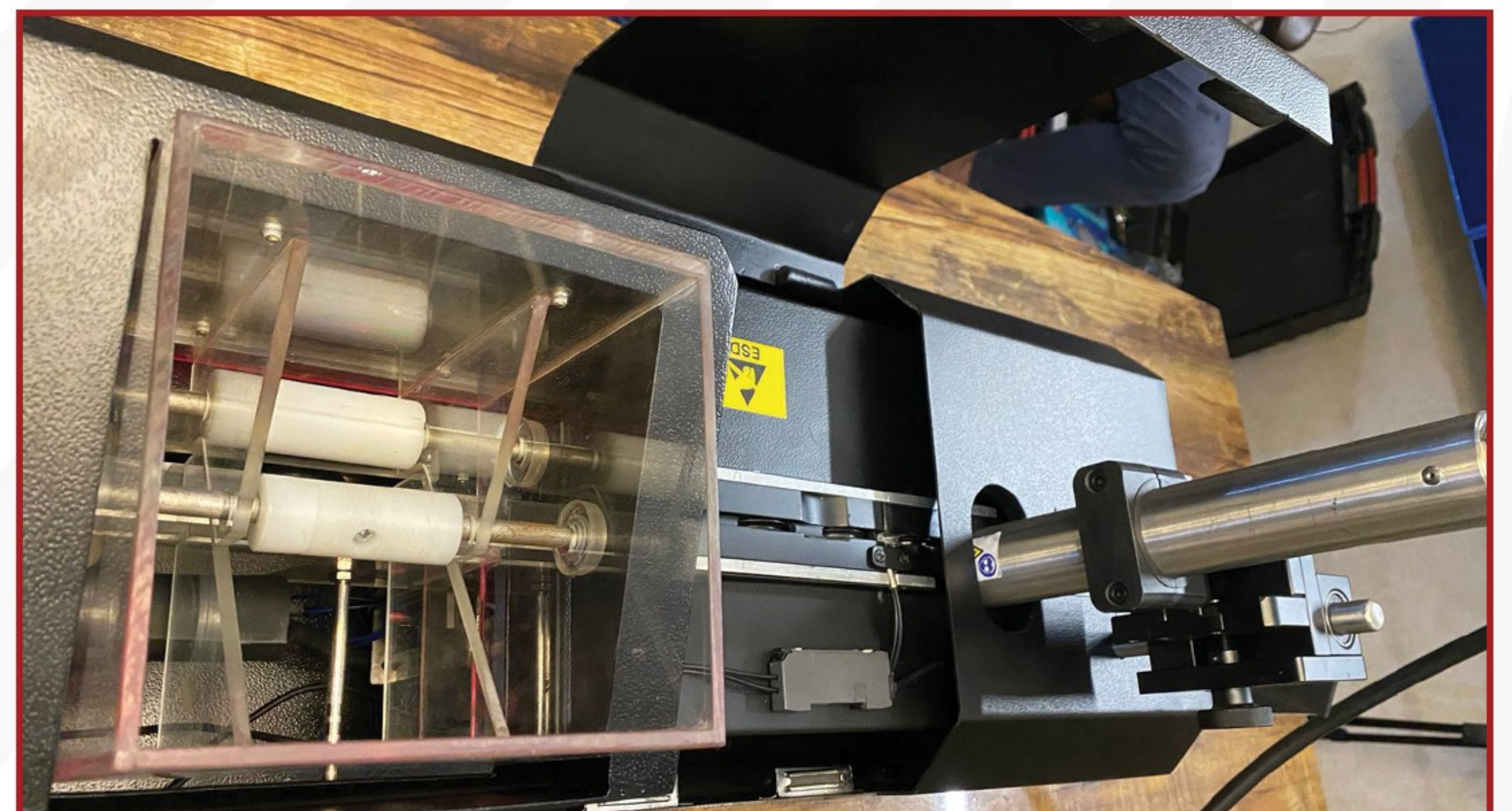
NOTE: Other models can asldo be integreted

## STRAW FEED AND COUNT SYSTEM

Is a product of Pakistan developed under local research & development to empower animal reproduction science & technology

AB-SPC8K is an unmatched system used for the automatic printing & counting on animal straws used for animal's semen collection.

Its printing & counting is highly accurate & reliable, innovative system design delivers a user friendly operation and enhanced operator inspection for a seamless traceability of straws.

This system is widely used in SPUs (Semen Production Units) and successfully replaced exiting. Straw printing systems due to cost effectiveness & ease of use

# USER INTERFACE AND OS

AB-SPC8K

7inches Coloured touch screen display for the operation of straw feeding system, an easy & user friendly interface.

LED lights for the visual monitoring of the system when system starts, stops or active, LEDs are visible from distance.

On screen reall-time counting and pre-defined quantity of required production, after completion of the jobs– system stops automatically with an LED light switched-on.

Integrated Voltage & Amp meter displayed on screen to monitor the power supply.
Emergency stop button for quick shutdown of the system.
Speed variable options to use the system at your desired and optimal speed.

## KEY FEATURES

- Uses advanced high adhesion ink for coding on straws.
- Easy readable & affordable coding.
- Automatic straw counting through vision technology.
- Out-put is minimum 8,000 straws per hour.
- Self print-stop after coding of specified straw quantity.
- Transparent straw hopper for visual inspection and system calibration without stopping coding process.
- Integrated straw collector for user friendly operation.
- Modern technology energy saving electric motors for cost effective coding.
- Easy adjustable micrometric print - head fixture for top & bottom, front & back positioning of print-head for accurate results.
- Easy to maintain, a user friendly designed system for an excellent user experience.
- NEW AB-8K-SPC system has a variable speed option for both hopper & out-feed unit, this makes operation more easier and flexible to set pitch between straws and enhanced code accuracy.
- Machines is robust, it is made of alloy aluminum & SS 304 grade.
- Hopper is made of transparent Acrylic.
- Adjustable level feet with a flexibility of use on the floor or table top, level feet help in setting machine balance on any surface.

# AUTOMATION BRAIN
## Empowered by Innovation

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