



The world of infinite possibilities

You make us think Big, Forget limits, Embrace the idea of endless possibilities
....and transform. Anything you can imagine, We can make it real !



Our journey so far has been not less than an infinite opportunity creation. In every step, we crossed the milestones of thinking rightly bigger, growing over all perceived limits, holding on to not less than endless possibilities. You created the channel through which new possibilities entered our lives and hence we could keep all impossibilities at a bay. In this journey of twenty-five years you made us realise nothing is impossible unless we think so. We start our journey of next twenty-five years without looking into the rear-view mirror, we fill our lives with the fuel of possibilities. Being with you all these years taught us, there are no limitations, unless we create them ourselves. When you are with us anything is possible, we are sure that you do not let us limit by our own imaginations ...

This is our way of Thanking You!



We are Committed to excel together...

We see ourselves as a learning team of leaders, building bridges around infinite possibilities to create Healthy Customer Experiences. We, each one of us remain committed to excel with customers, through transforming the way we think and act.

Every act of ours is processed for understanding and organizing before executing. We ensure Healthy Experience of our choices by timely evaluation and appropriate improvement plans.

You inspire us to explore around infinite
possibilities to create
Purified cotton,
Dignified threads and
Elegant fabrics...

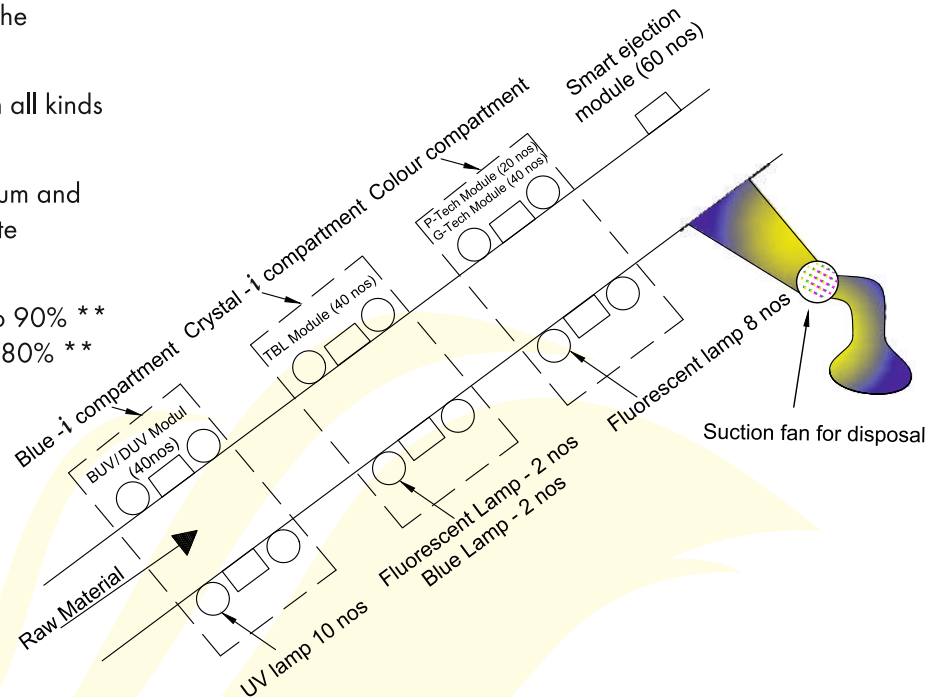


i-Scan[®]-pico

The result of our constant reinventing ourselves to go to the distance beyond global standards. The product is not built to last, but to challenge, perform and excel. The ground breaking performer galloping beyond the global best to become the great.

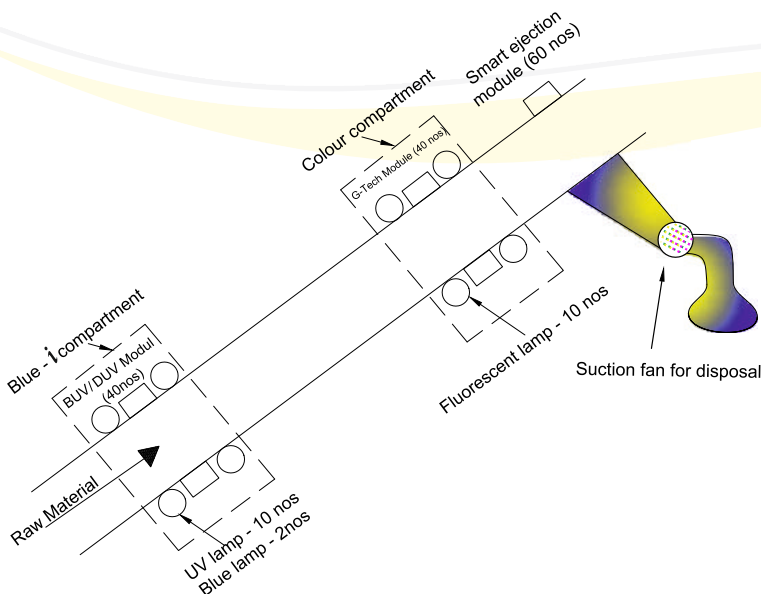


- Exclusive 4 level scanning zone for each type of contamination to realize the maximum cleaning efficiency.
- Ground breaking performance in all kinds of white polypropylene.
- Wider coverage of colour spectrum and innovative way of identifying white polypropylene.
- Cleaning efficiency colour - 80 to 90% **
white PP - 70 to 80% **



i-Scan[®]-nano

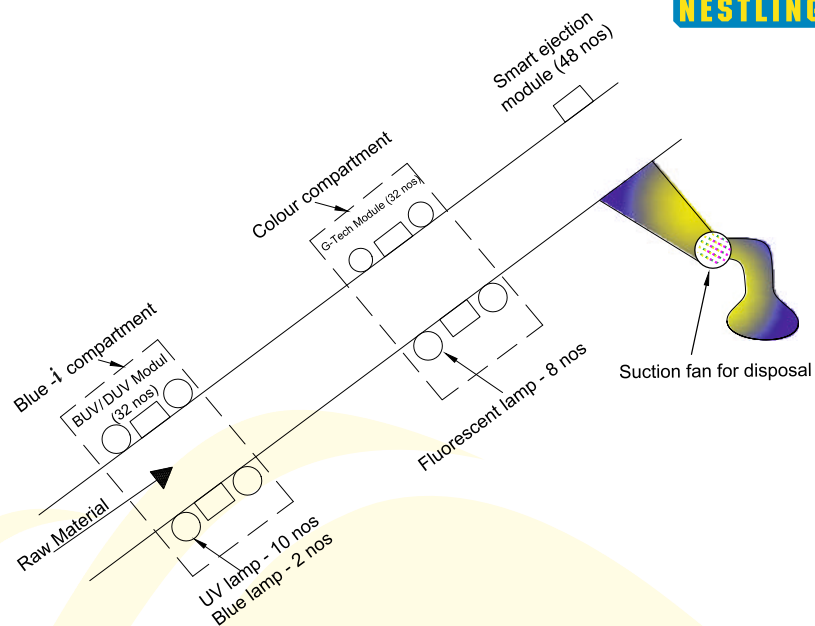
- Among other indigenous makes, i-Scan[®] nano stands for high elimination of coloured and all kinds of white synthetic contaminations.
- Dedicated 2 level scanning zones for each type of contamination to achieve maximum cleaning efficiency.
 - G Tech : For Colour Contaminations
 - Blue-i: For all kinds of white PP
- Wider scanning area for new generation Blowroom lines
- Cleaning efficiency Colour - 75 to 85% **
white PP - 65 to 75% **



i-Scan[®]-μ2c

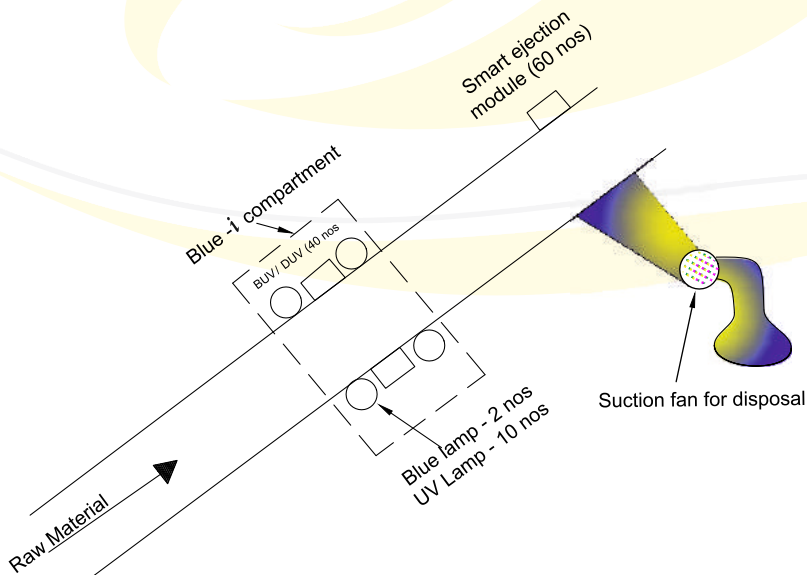


- Recognized as a most trusted and successful model in India.
- The flagship edition of i-Scan[®] series, which has more than 500 installation across India and Overseas.
- Designed to eliminate color as well as white polypropylene contaminations.
- Up-gradation kit is available to enhance its performance in elimination of all kinds of White PP and very small colored foreign matters.
- Proved reliable and value for money for more than a decade.
- Cleaning efficiency colour - 70 to 80% **
white PP - 60 to 70% **



i-Scan[®]-blue

- First time globally launched during 2013 as a dedicated system for elimination of all kinds of white synthetic contaminations
- 250+ successful installation in India.
- Up-gradation kit is available to enhance the performance in elimination of All kinds of White PP.
- Cleaning efficiency 60 to 70% **



Core strengths at a Glance



For us **i-Scan®** is not a machine, it is an opportunity, a possibility and an experience built around understanding your specified and non-specified expectations. A lot of resources and efforts are organised in shaping up this opportunity as a healthy experience. It stands for our commitment to grow with your ever evolving demands and expectations through continual evaluation and improvement.

Proprietary Designed scanning zones for identifying each type of contaminations

- G-Tech Module : For detection of dark color contaminations.
- P-Tech Module : Exclusive scanning module for light and pastel shades of contamination with higher resolution.
- Independently programable for selecting the right type of contamination



- **Blue-i** module: The challenge of identifying the synthetic contaminations, which otherwise merges with cotton color, is solved with our **Blue-i** module. It identifies the contamination based on the light absorption at a particular light spectrum.



- **Crystal-i** module: For all other type of white synthetic and polypropylene contaminations, the **crystal-i** employs special detection principle for identifying the contaminants.

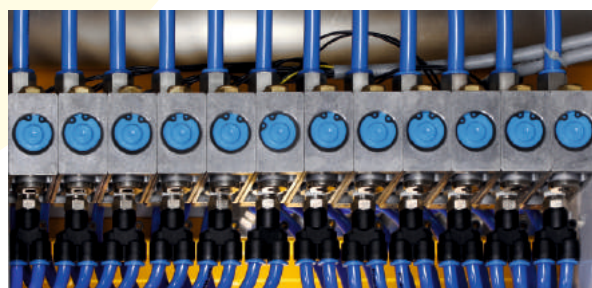
Incorporating Worlds' renowned core components

- Monochrome / RGB Line scan cameras with bi-directional scanning are used covering the visible and non visible spectrum range for detection of color and white synthetic contaminants.
- These cameras have long service life and have very less replacement cost.



- MSIP Image Processing: Camera data is processed using Multi-level advanced heterogenous MSIP technology for very high identification and elimination efficiency of all colored and white synthetic contaminations.

- Specially designed Smart Ejection valve sourced from Worlds' renowned suppliers, for accurate performance with minimum good fiber loss.



Future Upgrades :

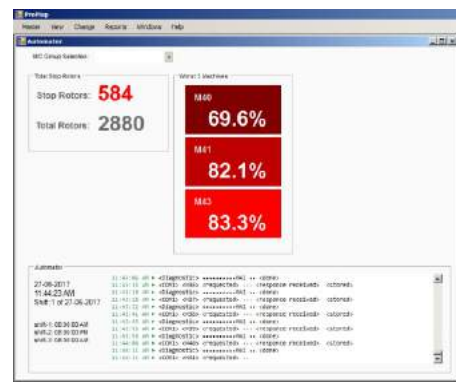
Thanks to the Versatile Machine Design keeping in mind the need for future technological upgrades in hardware and software. All future upgrades can be incorporated in the same basic structure.

Intelligent functions for enhanced performance

- Dust level monitor controls the sensitivity of the scanning process and adjusts the sensitivity in real time according to the dust levels for consistent ejections.
- Lux level monitor regulates the sensitivity to optimize the ejection even at reducing lux of lamps.
- "Auto sensitivity" corrections for ejection level depending on the level of contamination in the cotton.
- Light source: Universally available lamps are used and with longer service life. Thanks to the Auto Lux regulation programs. Lamps life upto 15000 hrs.

ProMap

- A real time individual rotor monitoring system for conventional OE machines
- Monitoring of individual rotors for Yarn breaks, Stop time, Run time, Length, Kg production and No of doffs
- 5 to 10% Production gain
- 10 -15% reduction in yarn breaks
- Payback Period is less than 6 months
- Improvement in Labour efficiency
- Ease of maintenance
- Uniform package length
- No compensation required for length and weight variations
- Cone slough-off, ribbon formation and cone damages can be totally avoided during rewinding.
- Improved warping performance.
- Machine stop time for periodic maintenance can be minimized.



Smart PIV System

- Technological upgradation system for conventional OE machines to improve machine efficiency and minimize machine maintenance
- Suitable for models of - BDRN/RC, BD200/200SN, BDA10N/20N, BDSD, BDD1, BD903 & LRM1/2.
- 10 - 30% improvement in machine efficiency
- Power savings benefits
- Reduction in count CV from 3.5% to below 2% - without autolevelling
- Considerable reduction in Thin places and TPI variation.
- 30% reduction in warping breaks
- Reduced maintenance
- Flexible, easy to operate and reliable working.
- Direct reading of count and stroke
- More than 2500 successful installations across India

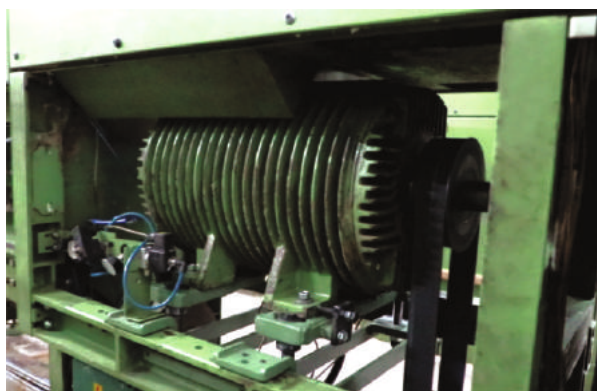


Digital Conti-feed system

- Consistency in hanks
- Continuous feeding even when running single card
- 20 to 30 % improvement in Card Sliver CV%
- Frequent corrections in breaker draw frame can be totally avoided
- Improvement of overall efficiency in Blow room and Cards
- Supports to improve the elimination efficiency of Contamination cleaning machines
- More than 250 happy customers
- Fully automatic smart regulation of feeding directly from chute pressure.



Spinsoft-plus

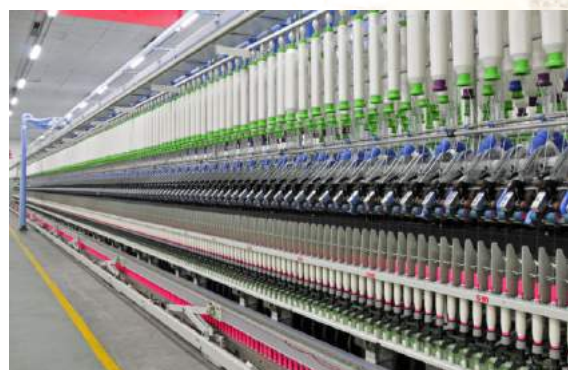


- A Comprehensive Solution for LR G5/1 and LR 6/S Ringframes to eliminate mechanical variator drive system completely.
- Nestling's Exclusively designed High performance and time tested AC Drive system
- Advanced Polychain mechanism for long lasting belt life upto 3 to 5 years.
- Savings in annual maintenance cost of variator system and machine stoptime by upgrading Spinsoft-plus conversion system.
- Helps to improve machine efficiency (Variator maintenance downtime eliminated)
- Reduces workload on the maintenance staff.
- Reducing Belt slippage from 2% to less than 1%
- Eliminates lubrication requirements for variator maintenance.
- Smooth and gradual increasing of speed possible.
- Optimum Harmonics value maintained.
- Nestling assured, well qualified after-sales-service team.

Nest *i*-Drive

Speed Frame

- Starting current in smooth start device is higher, this can be avoided in *i*-Drives.
- Compare to smooth start device, more controlled acceleration and deceleration is possible with *i*-Drives
- Inching operation is smoother and user friendly.



Ring Frame

- Pneumafil fan energy savings.
- System functions based on the pneumafil duct pressure.

Humidification Plant

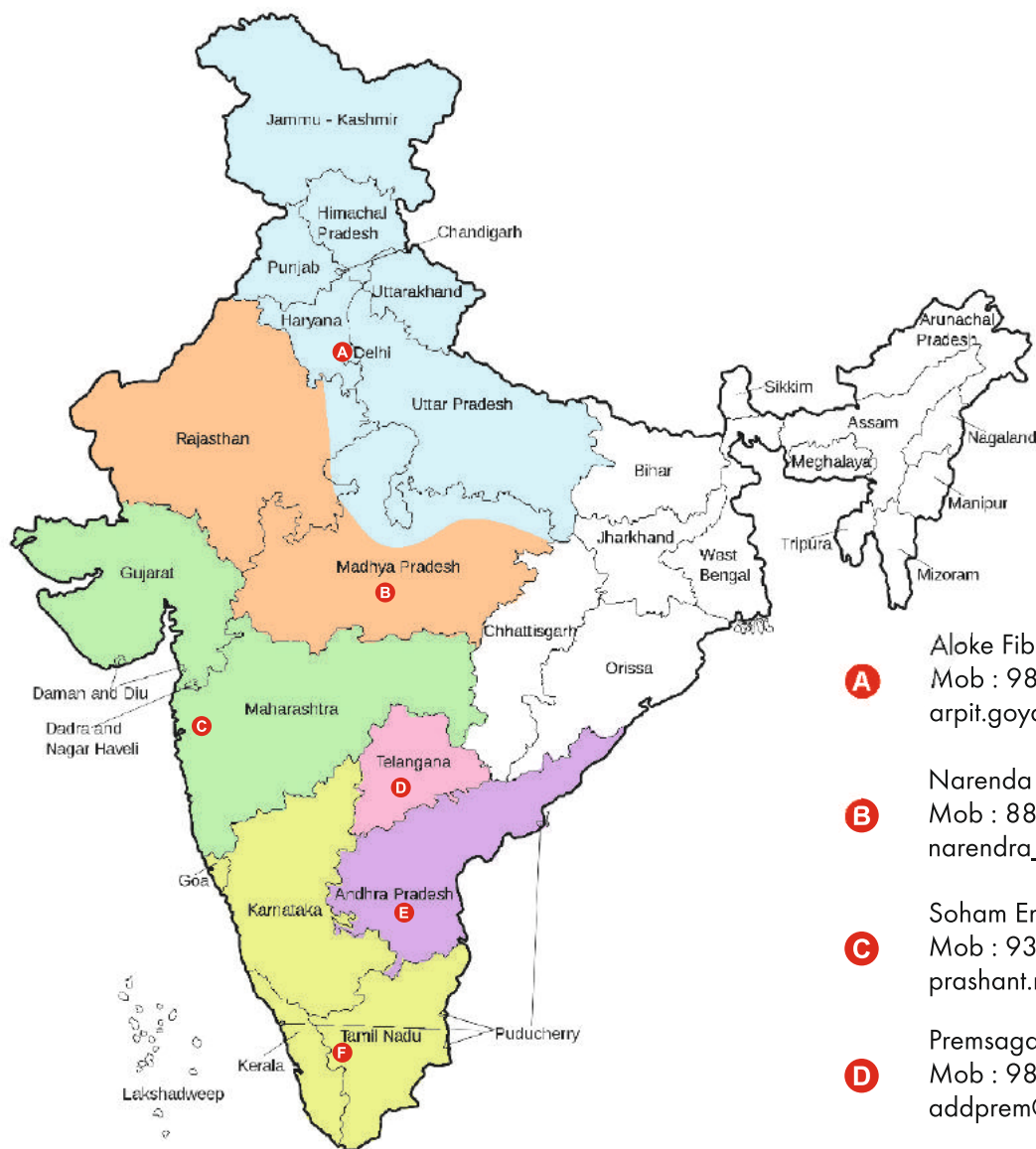
- Power Savings in H-Plant from 10 to 20%.
- Centrifugal fan consumes 60% to 70% power in a H plant, with *i*-drives 10 to 20% reduction possible
- i*-drives for pumps reduces load on the system and helps save on the power cost.
- i*-drives specially designed for the H plant operations.



Unique Features

- Application specific high performance indigenous AC drives for simplex, spinning machines and humidification plant
- Sensor less vector control (SVC), the optimized low frequency torque boost
- Unique sink design and advanced switching mode Power supply technology
- Strong overload ability, 150% rated current for 1 minute, 180% rated current for 3 seconds
- RS 485 standard communication interface, supports ASC II and RTU format MODBUS communication protocol
- Extended warranty with component level service support available.

Healthy Our Customer Experience Leadership Network



A

Aloke Fibre-Tech Pvt. Ltd.,
Mob : 98109 07077
arpit.goyal@alokefibre.com

B

Narendra Agencies
Mob : 88786 666800
narendra_agencies80@yahoo.in

C

Soham Enterprises
Mob : 93246 87021
prashant.mandke@sohamindia.in

D

PremSagar
Mob : 98495 00076
addprem@gmail.com

E

Krishnarao
Mob : 93472 78075
rkrishnarao2011@gmail.com

F

Sri Sterling Marketing
Mob : 78109 35666
hariharanmp09@gmail.com

Our Commitment to Create Value :

Our Organizational philosophy is to create value for our customers through "NEST Solutions" by understanding customers aspirations, organizing periodical visits, executing the process documents observation, evaluating the machine performance and continuous contact with customers with appropriate improvement plans for ensuring optimum performance of the machine at all the times.

For technical data sheet (*), cleaning efficiency terms(**) and the pay-back working (***), please contact our customer relationship Cell at sales@nestlingtech.com, info@nestlingtech.com

All Technical Specifications are subject to change without prior notice



NESTLING TECHNOLOGIES INDIA PRIVATE LIMITED

Committed to Excel together...®

"VEL'S GARDEN", No:108/6A, Kadambadi Village, Sullur Tk, Coimbatore - 641 401, India.

Phone : +91-94431 29882 / 94431 29884 / 94431 29885 www.nestlingtech.com

E-Mail : info@nestlingtech.com, sales@nestlingtech.com.