



Kunal Enterprise

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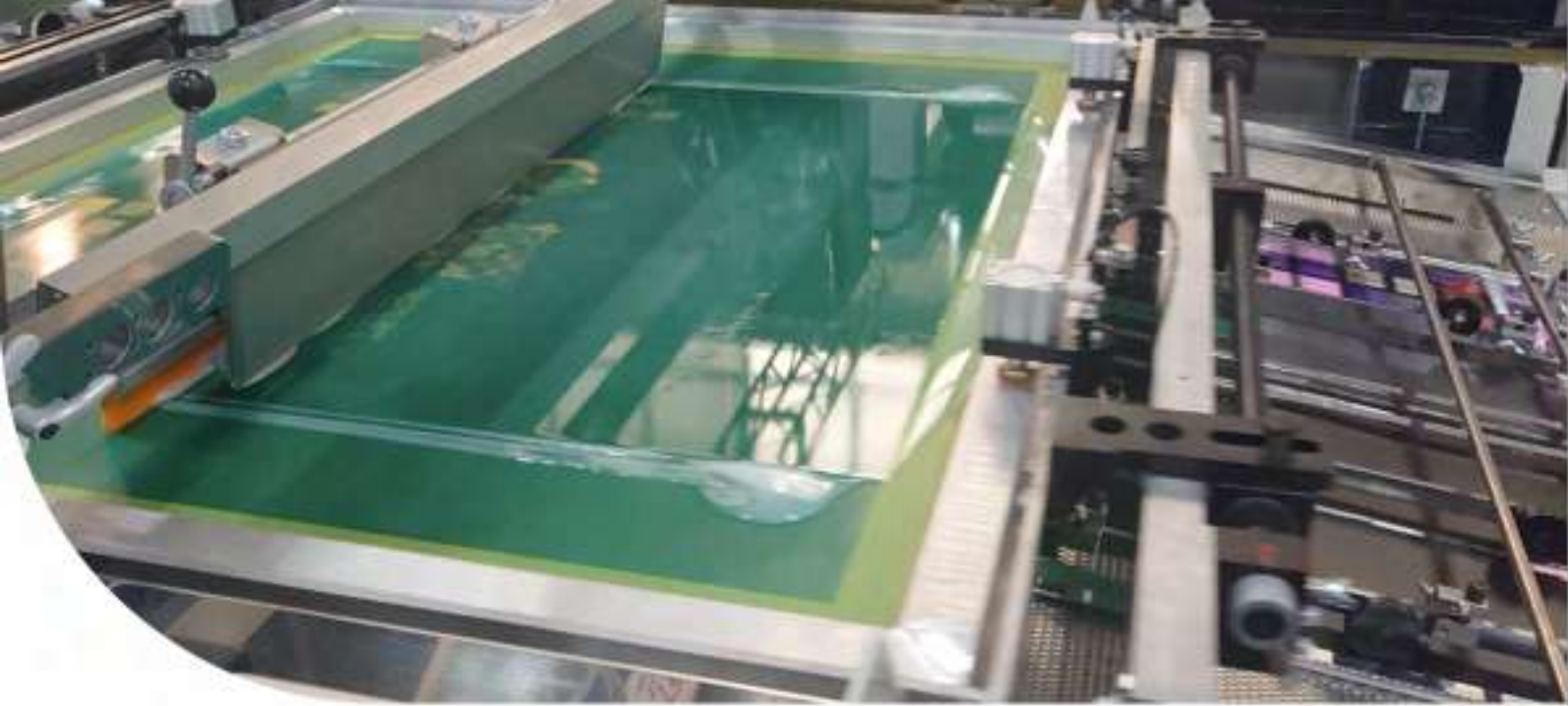
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WHY US ?



Rich experience in the Screen Printing industry for more than 25 years, 750+ Industrial printing clients in India and overseas.



Our team comprises of 6 sales, 6 technical, 7 admin people. Our top management consists of qualified engineers and management graduates from India's top institutes



Strong media presence (magazines & exhibitions), Excellent online and offline marketing



Excellent after sales service. Can provide consultancy and human resources for industrial processes



Uninterrupted Service by stocking your product upon forecast

Strong Customer Base :



About us



NOTHING,
ABSOLUTELY
NOTHING,
SELLS LIKE
QUALITY

Kunal Enterprise is a complete leading solution provider in Industrial Printing / Packaging Industry, specifically in the Screen Printing genre in India since 2001. We serve customers all over India with the best in class products and technology from all across the globe. Our DNA is Screen Printing and we are renowned for providing world's best Automatic (Cylinder/Flatbed/Roll-to-Roll) & Semi-Automatic Screen Printing machines, Industrial Dryers, Pre-Press Equipment, Screen Printing Inks, Clean room solution and Accessories for segments such as Automotive, Textile & Ceramic Transfers, Membrane Switches, value addition Packaging & Point of Purchase Jobs, Plastic Cards & Security Printing, Flexible Electronics, Solar & Fuel cells, etc.

OUR PHILOSOPHY :

Our success lies in the close relationship with each customer, in the collaborative development of differentiated engineering solutions, and in our superior technological results. Our success is reinforced every day, with each suitable machine we provide to our customers, that meets and exceeds their expectations.



BEST SELLING LINES :

MSDR Series :

The MSDR copes with 25um thick film utilized for thin electronic parts like MLCC. Two models are available by material width: MSDR-60 (max. 600mm) and MSDR-30 (max. 300mm). High productivity is obtained by cylinder type screen printing. CCD camera aligns the substrate accurately. Heavy ink deposition can be obtained on variable substrate. MSDR series is best suited for Label printing and printed electronics industry.



Feel the print.

Leading The Analog Screen Printing Revolution.

When it comes to screen printing, one of the major benefits is that it's a really effective solution for bulk printing as its extremely cost-efficient. Sakurai, since 1946, is one of the leading manufacturer of automatic screen printing presses which offers Cylinder, Flatbed and Roll-to-Roll machines with hairline precision and high speed production printing, which gives perfect results with high volumes to cater the needs of Indian Market.

Segments such as Automotive, Textile & Ceramic Transfers, Membrane Switches, value addition Packaging & Point of Purchase Jobs, Plastic Cards & Security Printing, Flexible Electronics, Biosensors, Solar & Fuel cells and many more are covered by screen printing.

Sakurai fully automated production lines are designed to deliver accuracy flexibility performance and ease of use.

Screen printing has a higher degree of flexibility than other printing methods because it can vary the printed ink film thickness. This characteristic makes it possible to use a wide range of inks and varnishes that include functions, rather than simply ink colours. These functional inks are now increasingly used in manufacturing processes, for products such as T-shirts, textile designs and cards.

In recent years, improvements in screen making equipment and materials and the increasing use of conductive inks, has enabled new methods of circuit formation for the electronics industry; wearable electronics with very thin substrate printing of 25µm is possible by Sakurai MSDR series. This has opened up a diverse range of applications, creating even more opportunities to produce components and products via printing.

MS Series :

Designed to meet the ever increasing demands in the field of industrial and commercial screen printing, incorporating Sakurai's patented zero contact technology, the Maestro MS Series of presses has over half a century of fully automatic cylinder manufacture experience and technology behind it.



In Focus-

Sakurai LQM Evolution 3D Hot - Foiling System Designed to Be Fully Integrated into your Screen-Printing Machine Line.

Fully Automated and extremely precise, the Sakurai foiling system uses screen-printed varnish to adhere the foil. This process enables to achieve a wide variety of ink film thicknesses, which can produce 3D (raised) print, [and it] literally pops out of the paper at you. High build, structured varnish effects can be achieved which enhance the overall look, feel and impact of the job. Special effects like glitter, 'glow in the dark', different textured finishes with tactile surfaces or highly saturated Pantone colours, all look amazing, when printed screen. The LQM EVO applies foil precisely in areas as small as 10mm or as large as the whole substrate length and in narrow bands or across the whole width of the substrate, with minimum foil wastage.



DRYING SOLUTIONS FOR SCREEN PRINTING PRESS

Natgraph is the global leader in advanced drying technology, delivering innovative solutions and optimum energy efficiency across a wide range of precision-dependent applications. Natgraph justifies speed of screen printing machines by providing flawless curing at higher speed which encourages customers to produce volumes yielding ROI from screen printing projects.



PRINTING GLASS HAS NEVER BEEN EASIER

Cugher was among the first companies in the world to automate the screen printing process on flat glass. For more than 50 years Cugher is offering a wide range of solutions that cover the entire productive process from printing, drying, handling and inspection.



Keywell specializes in semi-automatic and automatic screen printing machines as well as related equipment such as UV Conveyor Dryers, Hot Air Dryers, IR Conveyor Dryers, Screen Coating Machines, Screen Stretching Machines, Exposure Machines, Screen Washing Stands, Squeegee Sharpeners, Screen Ovens, Glittering & Powdering machines, etc.

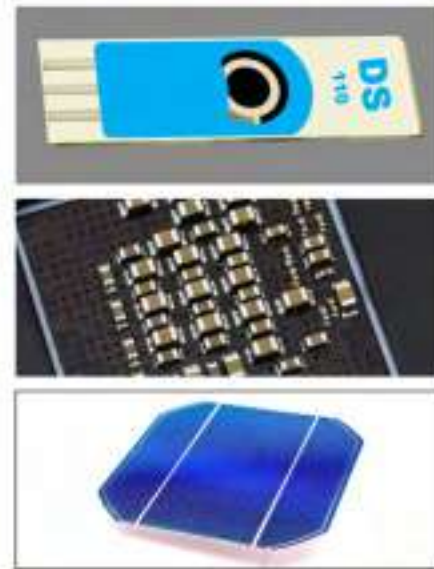


CST automatic computer to screen making machines, where you don't need an exposing machine and exposing film to process your screen printing frames. It is a solution where a design from the computer can directly be exposed to screen printing frames. This technology helps users to save time, space, manufacturing cost and manpower in preparing screens while eliminating the need for costly film positives and the pre-press time and equipment to generate them. This process creates first generation screen to give the highest quality result.



SOLAR CELL MANUFACTURING IN INDIA

Screen printing being one of the major parts of the Solar cell making process, Micro-tec's new print line MPV 8000 gives a maximum gross throughput of 8000 cells / hour. We provide solution for PERC, HJT and TOPCON cell types. Apart from having 20 years of experience in solar cell printing, Micro-tec machines are used in manufacturing LTCC /MLCC, Biosensor, Flexible and wearable electronics, Solid-State EV batteries.



MACHINE VISION SYSTEM

TT Vision is a solution providing company in wafer and solar cell testing and sorting. It also provides automatic optical inspection at every print station. It provides robotic solution in pick and place machines. TT Vision offers one of the most cost effective PC-based vision systems through innovative solutions developed in-house. The high speed, high accuracy and highly repeatable system is the result of years of research of refinement from field tests.



AOI Vision Module



IBC-HJT Cell Sorter

SCREEN PRINTING FOR SPECIAL APPLICATIONS

Silk Star Machinery Co., Ltd., specialises in producing professional creative automatic roll to roll flatbed silk screen printing machine and its ancillary equipment. From the traditional textile heat transferring, Labels, food/ beverage packaging, pharmaceutical equipment, inspection and experimentation in biotechnology, communication as well as IT computer equipment.



Roll To Roll Flat Bed Screen Printing Machine



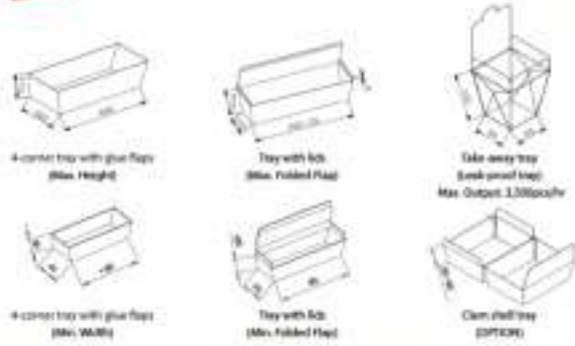
DOMING SOLUTIONS

Screen Printing is the most preferred choice for printing automotive graphics, speedometers and labels mainly because of the durability, quality and productivity factor. Demak is leading manufacturer for potting and dispensing machines which are used in industrial label applications where the outdoor life and quality of potting is paramount. Kromex is again a patented technology from Demak, enables you to manufacture 3D emblems with external chromes finish. Demak offers advanced two-components adhesive polyurethanes resin from 'Demak Polymer'.



HIGH SPEED AUTOMATIC FOLDER-GLUER SERIES TO ENSURE SUPERIOR QUALITY

SUN SGM offers a wide range of folder-gluer machines to form different types of paper trays. Apart from paper one of its series is for plastic blank such as PVC, PP, PET; where hot melt gun system is used for folding-gluing. Perfect folding and gluing, even delicate and odd-shaped boxes.



THE NEW ERA OF SMART PACKAGING



Saralon is the one-stop shop for printed electronics. This German company provides a range of innovative, smart printing job solutions in sectors like Luxury Packaging, Anti-Counterfeiting, Short Run Campaign for consumer engagement, Visual Communication application, Smart or Interactive Labels and POP & POS applications.

Some of its application :

SaralNFC

This responsive paper that uses near-field communication (NFC) to activate digital content on a smartphone, allows you to attract interest and increase the involvement of your customers.



SaralLight

Uses technologies to create interactive packaging, Point-of-Sale, print media and label applications. State-of-the-art illumination technologies – Light Emitting Diode (LED), Electroluminescent (EL) and Organic Light Emitting Diode (OLED) – for outstanding products.

SaralSecurity

Responsive label to indicate any integrated information (e.g. code, picture, serial number, etc.) when being activated.



SaralSensor

This technology can be used for detecting humidity, temperature and pressure to convert a print product into an intelligent one.

OUR VERY OWN MATERIAL DIVISION

Doming Material : Automotive standard PU and hardener having good outdoor life for dome labels.

Inks for screen printing :

1. Electrically conductive inks: We provide a wide variety of conductive inks for different applications. Inks are based on solvent, water and UV systems for different types of drying/curing methods. Other ink types include : Electroluminescent ink, Dielectric ink, Resistive ink, Conducting adhesive ink, Battery ink, Sensor ink.
2. Mirror and Metallic inks: Mirror inks are screen printing inks that give mirror like finish by printing on the back side of the surface. Metallic inks are formulated with metallic flakes which "leaf" together on the printed surface creating a brilliant lustre
3. Piezo inks : Nano paint piezoelectric ink is produced to exhibit a unique set of inherent piezo and pyroelectric proprieties.

Screen printing frames : We at Kunal Enterprise manufacture the best quality aluminium frames. It can be stretched upto 40 N to help more ink deposition to the substrate without any warping of frames.

Clean room solutions : Ensure that your printing environment is completely dust free

1. **Lint free wipes :** a popular general purpose non-woven wipe comprised of blended cellulose and polyester, are converted in a class 100-10000 cleanroom.
2. **Sticky mat :** clean-film adhesive layers that form mats to capture dirt or dust from shoes or equipment wheels entering a controlled environment.
3. **Sticky roller :** Silicon Roller is a self-adhesive anti-static dust removing product.



Micro-squeegee : Micro-Squeegee series are made of urethane or silicon rubber and glass epoxy, and it reduces the weight of squeegee head for the best printing.

3D Lenticular sheets : **HALS** (Honeycomb Array Lens Sheet) is a micro-array lens sheet, which is manufactured by patented manufacturing process of Grapac Japan. By printing special patterns on the underside of HALS lens sheet, 3D effect can be obtained. We also provide traditional Lenticular sheets of PET material.

