



COMPANY PROFILE

Automation Brain Pvt Limited

COMPANY DETAILS

Company Name	Automation Brain Pvt Limited
Address	85, Block R-3, M.A Johar Town , behind Shaukat Khanum Hospital, 54770 Lahore Pakistan
Registered	SECP , FBR , PRA , SRB , LCCI , Pakistan Customs (WEBOC)
Business Nature	Industrial Automation Solution provider , Exporter of made in Pakistan products
Major Strength	Customer services
Major Strength	Customer services

ABOUT US

Automation Brain Pvt Limited [ABPL] is a specialized company in **engineering**, consulting and integration of automated production systems. We provide with technological solutions to a wide range of industrial sectors with help of **ABPL team of experts**.

ABPL focus its energy on helping our prestigious clients meet the challenges of cost controlling, globalization, competitiveness & bringing innovation.

Our company's **goal** is to identify the challenges in order to offer clients **innovative solutions** that will yield substantial savings and improve their productivity, our teams extensive experience in industrial automation puts us in an ideal position to help our prestigious clients achieve the industrial efficiency they are seeking, minimizing cost while respecting quality of products.



DAIRY & RURAL DEVELOPMENT FOUNDATION



HIGHNOON LABORATORIES LIMITED



PACKAGES Limited



PAK ARMY

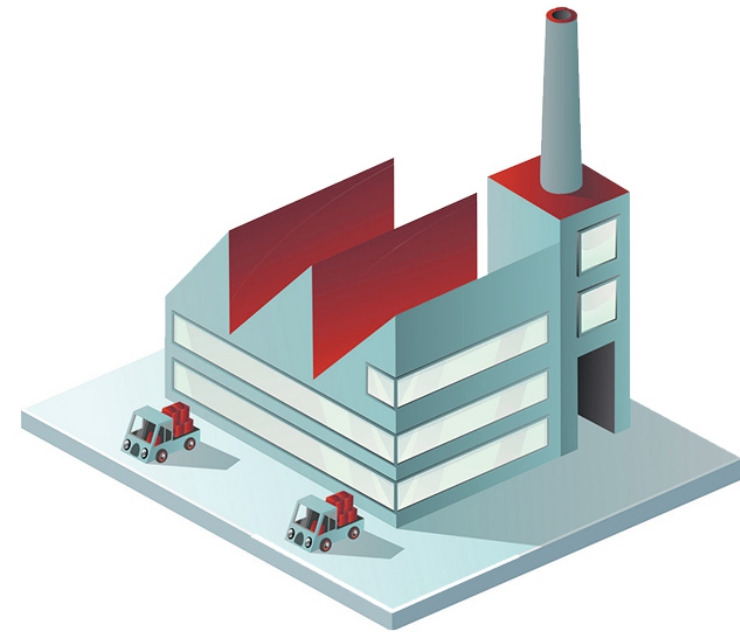
AUTOMATION BRAIN BUSINESS NATURE

We Empower your industry

Automation Brain Pvt Limited brings industrial Innovation.

The company is a leading solution provider with futuristic ideas & concepts that an organisation undertakes to conceptualize new innovative & modern products, solutions, processes to convert existing products , processes and ideas in a modern & productive ways .

Automation Brain Product to pallet Coding & inspection family



Industrial Process	Primary Coding		Secondary Coding		Tertiary coding		End of Line		Warehouse	
Technology	CIJ	LASER	TIJ	HI-RES	HAND JET	PRINT & APPLY	LABELS PRINTER	LABELS APPLICATOR	HANJET	MOBILE SCANNER
Our Partners	Leibinger	Macsa id	DotJet	MACSA ID	REINER	MACSA ID	ARGOX	E-PACK	REINER	ARGOX
Country of Origin	GmbH	Spain	Taiwan	Spain	GmbH	Spain	Taiwan	Italy	GmbH	Taiwan

PRODUCTS IMAGES

LEIBINGER-GMBH
Continuous Inkjet Printer



DOTJET-TAIWAN
Thermal Inkjet Printer



MACSA-SPAIN
Laser printer



REINER-SPAIN
Handy Thermal
Inkjet Printer



MACSA ID-SPAIN
Labels Print & Apply Systems



ARGOX-TAIWAN
Barcode Labels Printer



ARGOX-TAIWAN
Handy barcode/QR-
code scanner



AB-RANGE OF PACKAGING PRODUCTS

Automation Brain Pvt Limited deals in complete range of packaging products range.

Modern packaging involves innovative designs and solutions that not only help products stand out above the rest, increasing the product's growth and success, but also provides more sustainable and cost-effective solutions through the lifespan of the package – from the warehouse and assembly line to store shelves and many more

AB-PRODUCTS INSPECTION, TRACK & TRACE & SERIALIZATION

AB-Products inspection, Track & Trace & Serialization Industrial traceability systems imply the use of a unique piece of data (e.g., order date/time or a serialized sequence number, generally through the use of a barcode / RFID) which can be traced through the entire production flow, linking all sections of the business, including suppliers & future ...





**AB-
GLOBAL
PARTNERS**





AB- FEATURED PRODUCTS

World's No.1 Inkjet Printer

- World's exclusive CIJ with sealtronic print-head.
- There is no ink-cores , ink-modules for proprietary lock, Customers trust on it.
- World's only CIJ which starts/stops smoothly after months & years.
- Leibinger sealtronic head has nozzle retract feature , goodbye head blockage.
- Printhead air pressure innovation prevents dust interference with printing. Sealed back panel and housing ventilation prevents ingress of dust.
- Sealtronic print head technology rids clogging and frequent head cleaning.
- High efficiency to help control operating costs.
- Reduced solvent consumption.
- Diverse range of inks available.



Leibinger Germany CIJ

Print Samples



Print on

- Glass
- Carton
- Film
- Foils
- Plastics
- Metal
- Wire
- Rubber
- Paper
- Textile products
- Ceramic
- Wood

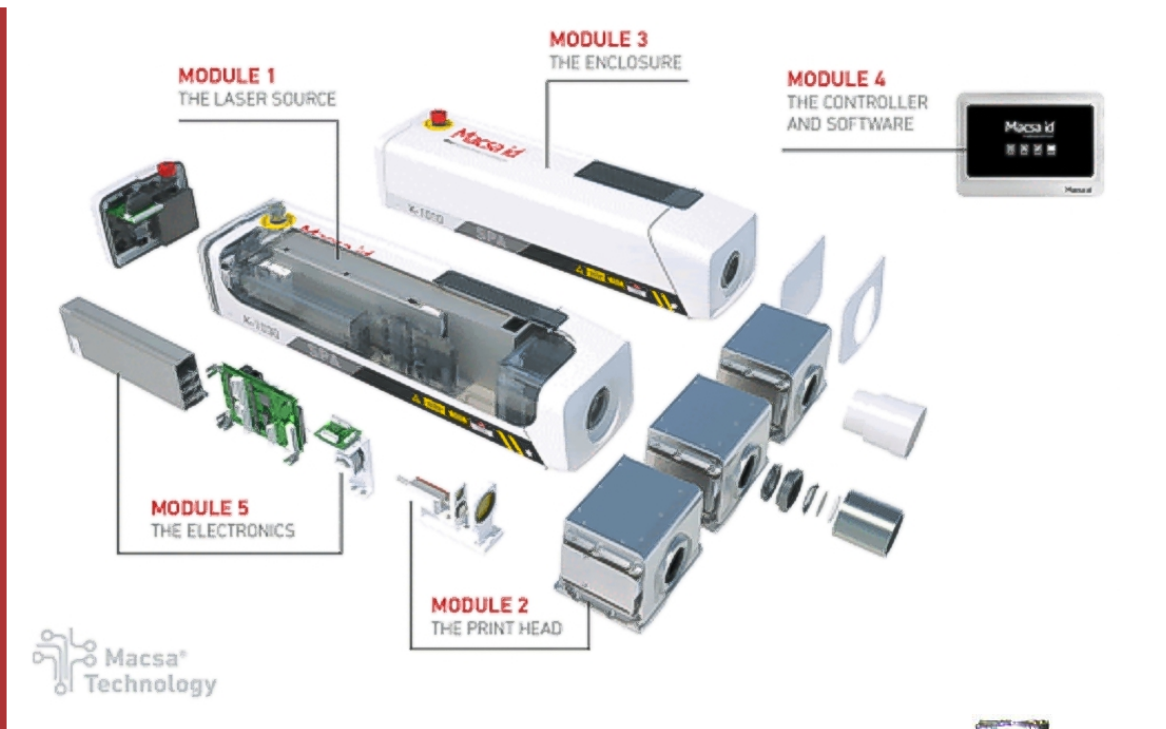


Macsa-Spain LASER

MACSA ID is offering the widest range of coding, marking and tracing equipment on the market and is the only Spanish company that manufactures laser marking equipment and the first company in the world to develop a laser to code dynamically on production lines. Macsa's history dates back to 1910 with the foundation of its parent company Framun, specialized in rubber stamp manufacturing. It soon started distributing equipment and consumables throughout the country and in 1983, due to an increasing industrial coding demand and new ink-jet technologies available, it created the independent new brand Macsa. Macsa ID is present in more than 80 countries providing solutions to several globally recognized brands for food, beverage, pharmaceutical, cosmetics, automotive, electronics, textile, etc.

Macsa id Industrial applications:

Food, Beverage, Logistics, Jewelry , Electronics, Medical instruments, Home Care, Construction Material, Consumer products , Industrial applications , Personal Care, Security ID, Tobacco, Defense & Aerospace , Pharmaceuticals, Automotive , Promotional goods, Lottery codes, advanced products promotional coding , perforation & pre-cutting , textile & many more....



AB-INDUSTRIAL INSPECTION SOLUTIONS

- Metal Detector
- Checkweigher
- X-ray Inspection System
- Optical Sorting System

Automation Brain (Pvt) Ltd. is specialized in Industrial inspection and advanced quality assurance solutions. Our team has successfully installed a range of innovative and modern technological industrial solutions a cross Pakistan.

Company is known as a most reliable facilitator for the following industrial sectors;

Food, Pharma, Beverages, Confectionary, Automotive, Electronics, Packaging Industries, Bakers and many more.



Packaged Products



Eggs, Meat & Nuts



Bakery



Grains

AB-INDUSTRIAL INSPECTION SOLUTIONS

- Metal Detector
- Checkweigher
- X-ray Inspection System
- Optical Sorting System

Checkweigher for Small Package



AB-Dynamic weighing systems

Suitable for weight checking for packaged products, to ensure quality standards.

- High speed, high sensitivity, high stability dynamic weight checking
- Easy to clean, simple to disassemble

User-friendly Function

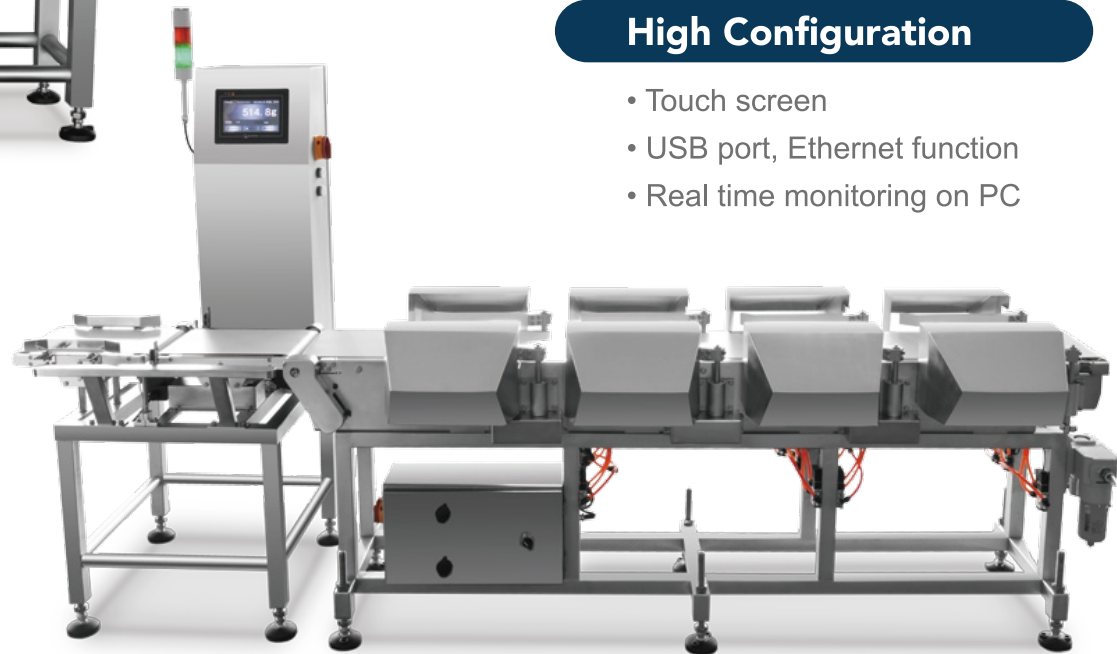
- Multi languages
- Data storage
- Large memory capacity

High Configuration

- Touch screen
- USB port, Ethernet function
- Real time monitoring on PC

Multi-sorting Checkweigher

Widely used in seafood, poultry, aquatic products, frozen products, etc.



X-ray Inspection System

Excellent Product Applicability

- Up to eight grade image processing technology to achieve the best product adaptability and stability



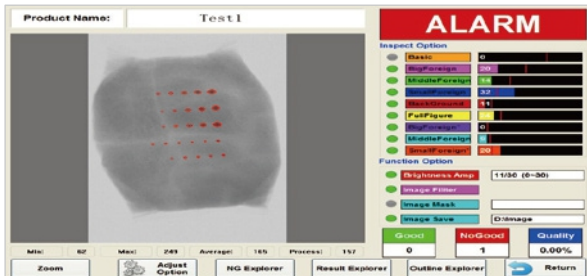
High Configuration of Hardware

- Spare parts are well-known imported brands to ensure the performance and service life of the machine



Excellent Operability

- 15-inch touch screen display, easy to operate,
- Auto-learning function. Equipment will automatically remember qualified product parameters
- Automatically save the product images, which is convenient for user's analysis and tracking



X-ray Inspection System takes advantages of the penetrating power of X-ray to detect contamination. It can achieve a full range of contaminants inspection including metallic, non-metallic contaminants (glass, ceramic, stone, bone, hard rubber, hard plastic, etc.). It can inspect metallic, non-metallic packaging and canned products, and the inspection effect will not be affected by temperature, humidity, salt content, etc.



Alarm lamp



Main power switch



USB and Ethernet ports



Military connector



X-ray generator



HD touch screen



Industrial computer



Detector



X-ray locker



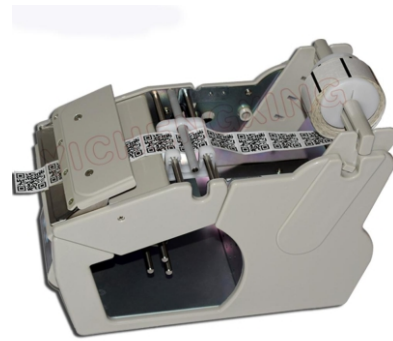
Air conditioner

AB-Label Dispensers, Portable Receipt Printers & Thermal Label Printer

ABPL Delivering You The Best Technological Solutions

Our teams of systems integration engineers offer a wealth of vendor independent experience drawn from diverse industries. We are system integrator's who are committed to deliver the best technical solution and customer service throughout the whole life cycle of your system. Our expertise ranges from stand alone applications for PLC, HMI, and specialized software applications developed by our international partners as well as ABPL IT experts .

We have capabilities for integration of our industrial products (like CIJ, LASER, TIJ, DOD, TTO , Metal Detectors , Checkweighers, AIDC products) with industrial software applications , we can also design customized solutions for specific applications and specific needs.



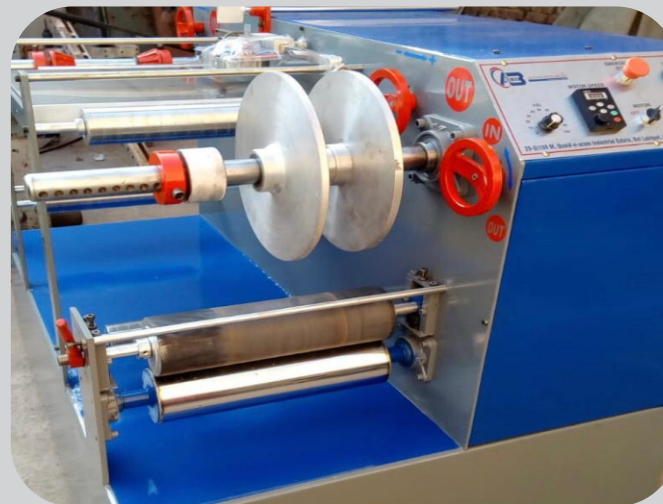
AB-Solutions for Animal Reproductive Science

AB- Made in Pakistan Feeding Devices

- Straw Feeding systems.
- Ampoule feeding & printing systems.
- Ice-cream lids feeding & coding solution.
- Advanced vacuum feeding system for flexible Labels/sleeves.
- Standalone caps/closures feeding systems.
- Special polyethylene bags feeding system.
- Standalone pipes feeder for PVC & PPRC pipe industries.
- Corrugated cartons feeding systems / inline & off-line solutions.



AB-State of the Art Automatic Reels Rewinding Systems



AB-Made in Pakistan Reels rewinding and coding systems use to print EXP, MFG, Batch Codes, Serial Codes and Retail price printing solutions.

ABPL deals in high speed, most accurate and stable systems for food packaging sector.

AB-Products Range OVERVIEW



Bearing



Green button



Alarm light



Shaft



Inverter



Motor



Relay



Photo tube



Metal Detector

AB-smart and advanced industrial metal detector suitable for metal contaminants detection in various industrial sectors such as:

- Aquatic products.
- Meat and poultry.
- Salted products.
- Nuts.
- Vegetables.
- Chemical industries.
- Pharma industry.
- Cosmetics and personal care.
- Electronics.
- Automotive.
- Beverages.
- Packaging industry.
- Fertilizer industry.
- Pesticide.
- Bakery.
- Dairy Industries.
- Cement Industry.
- Sugar mills.

AB-Products Range OVERVIEW

AB-made in Pakistan Product Range
Automation Brain (Pvt) Ltd. is known to be a leading designer and manufacture of diversified products used for product feedings, transportation, product load and unloading, high speed coding through state of the art rewinding systems, company is also specialized and exclusive manufacture for the following:

- Belts conveyors.
- Chain conveyors.
- Telescopic Conveyors.
- Straw feeding.
- Straw printing.
- Micro-metric Stands.
- Machine stands.
- Portable trolleys.
- Print hand stands.
- Laser stands.
- Rotary devices.
- Carton feeder.
- Vacuum feeder.



AB-Made in Pakistan reel rewinders



TTO & LASER bracket

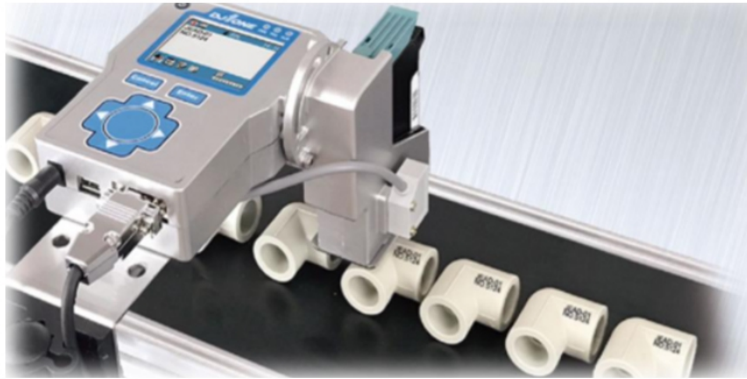


AB-Made in Pakistan industrial Conveyors



Print head stands

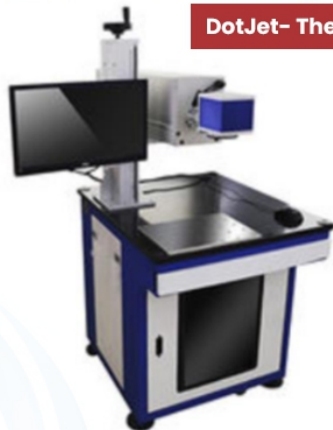
AB-Products Range OVERVIEW



DotJet- Thermal Inkjet (Hi resolution coders)



Label Print & Apply systems



Fiber static laser



Reiner TIJ (Handheld)



Reiner TIJ (Handheld)

AB-Products Range OVERVIEW



AIDC , software integration & labelling range



AB-Made in Pakistan further products range

AB-Products Range **OVERVIEW**

What is Thermal Transfer Printing?

Full Line of Thermal Transfer Overprinters for Printing and Labeling Applications

Thermal transfer printing, also known as thermal transfer overprinting (TTO), is a digital technology used to print high-resolution, variable-content codes on thin, flexible packaging such as films, pouches, and labels.

Typical thermal transfer overprinting applications include snack foods, confectionery and bakery products, frozen and refrigerated foods (meat & poultry, dairy, bagged fruits & vegetables), cosmetics, pharmaceuticals, nutraceuticals, and other products packaged in flexible films.



Dikai thermal transfer overprinter

AB-Products

OVERVIEW

AB-Products track & trace, Barcoding , QR-Coding



DELIVERING INLINE
METROLOGY WITH
SMART SENSOR
TECHNOLOGY



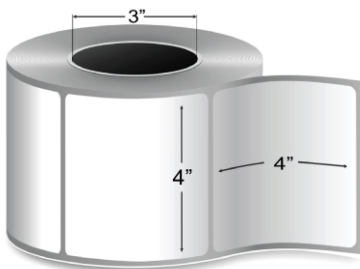
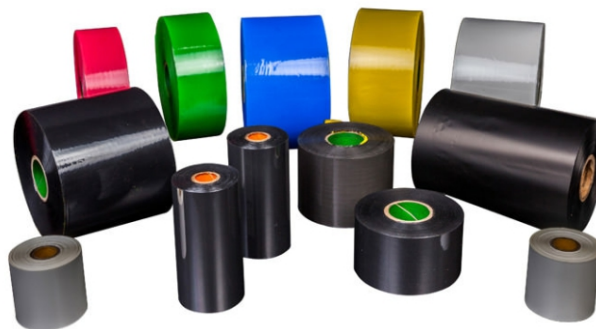
AB-Ribbons, Labels , highly quality Conductive inks , Alternative Ink-Modules



AB-Products

OVERVIEW

All kind of Consumable Items for coding, marking and packaging.





After Care SUPPORT

Automation Brain is known to provide multiple **aftercare support** and services solution in order to meet the needs of our valued customers and also to improve the production-related operations in term of finance and technology enhancements/advancements.

AB-TOTAL CARE SERVICES

We offer total care services in which we take complete responsibility for the smooth runs of the equipment and also we make sure to maintain the necessary stock of spare parts and consumables. This is a hassle-free option for the large organization where they have to arrange manpower and spend a lot of money to maintain the inventory.

AB-ONSITE TECHNICAL SUPPORT

By choosing this option customer will get our **trained technical staff** to their plant side on a **24/7 basis** , Or as per mutual agreement with multiple options

AB-STANDBY TECHNICAL SUPPORT

A dedicated team will be assigned for the client and it will remain standby for any technical support/services throughout the agreement period. It is also having multiple options so client to choose the most suitable one.

AB-STANDBY TECHNICAL SUPPORT

A dedicated team will be assigned for the client and it will remain standby for any technical support/services throughout the agreement period. It is also having multiple options so client to choose the most suitable one


AB- TRAINING

We offer free of cost in house and on-site training to our valuable clients. Following are the different type of training that we offer to our valuable clients.

- Product Training : Product orientation, features and specification details, selection criteria.
- Operational Training : Product orientation, features and specification details, selection criteria, product operation and care.
- Technical Training : Technical training includes complete equipment methodology, advanced level operations and maintenance along with basic troubleshooting and spare parts replacement.

THANK YOU

for considering us

 0304-1111613

 info@automation-brain.com

 www.automation-brain.com

AB-Social Media

