Our Competence... Your Success...



We combine our technology strengths with those of our Principals to provide solutions at the cutting-edge of technology to Indian Industry



Your Partners in Progress

food & pharma specialities

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Specialized in customer-specific development and the manufacture of filling and capping machines for food, chemical and pharmaceutical industries, ALWID products are exported in over 60 countries. The filling machines are suited for almost all fluids and pastes, which are non carbonated. By various filling methods, an accurate filling regarding height, volume or weight is possible. ALWID capping machines process apart from various screw caps, PP caps, roll-on caps, crown corks, grip corks, natural corks, twist-off and trigger caps, crown corks, grip corks, in and push-on caps. All filling and capping machines are available as semi-automatic version, as in line system and as rotary system, and are thus suitable for small, medium and large filling

ASC Instrument is a specialist for non-intrusive leakage test for vials and bags in pharmaceutical industry. The test method replaces the methylene blue dye test with up to 100-fold better accuracy and linked to National Standards. Calibrated vials or bags allow leakage detection that is permanently 100% under control. The equipment offers excellent accuracy and allows detection of holes smaller than 3 micron within few seconds. ASC instrument control units are designed for testing in laboratory as well as in production, and are becoming crucial for today's highperformance medical producers.

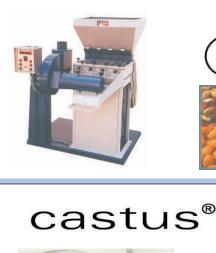
Atec is offering systems for the processing and handling of pharmaceutical enclosures (like rubber stoppers, plungers, needle shields and aluminium caps) and formulation systems.

> Stopper Processing Systems for the washing, sterilization, siliconisation and drying of stoppers, plungers and other components Formulation systems with mobile or fixed vessels Formulation and sterile vessels

Awema located in the heart of chocolate country is a special Swiss manufacturer of single shot depositor machines enabling efficient and cost effective production of pralines and other chocolate products. Awema produces spinners and decorating machine for making hollow chocolate figures. Another line is production of multi head weighers.

Bausch + Stroebel manufacture a wide range of machines for washing, sterilizing, filling, closing and labeling of ampoules, vials, disposable syringes and all kinds of bottles used in pharmaceutical Industries. Integrated compact lines are offered by them with outputs from 1500 to 40,000 containers per hour.





















Bionot, Greece

Bionot, provides innovative solutions for Dry Fruit processing Industries. They have long experience in construction and development of plant and machineries for peeling, cracking, sieving, sorting, drying, roasting, frying and cooling, blanching and mixing.

www.bionot.gr

castus GmbH & Co. KG, Germany

castus is a manufacturer of transfer systems (RTPs), standard sizes 105-460mm, which meet the high quality requirements of the pharmaceutical industry. The castus system makes it possible to load and unload sterile components into or out of the isolator without contamination with the objective of facilitating the handling for the user. All products are developed under the aspect of hygienic design, which means that they are easy to clean. castus has diverse range of products from alpha Ports with own patented safety interlock system over Rotating Ports and variable beta equipment to trolleys and the new leak test unit.

www.castus.pro



Criofarma, Italy

Criofarma, is one of the leading manufacturer of freeze-drying equipment's for pharmaceutical, food and biotechnology industries since 1962. In the specialized field of pharmaceuticals and biological products Criofarma enjoys an international reputation for experience quality, performance, safety, validation and flexibility.

www.criofarma.com

ENCLONY.COSA, Korea

With more than 25 years of experience and dedication on the Vision inspection technology, Enclony.Cosa are today the world leader in manufacturing of inspection machines for pharmaceutical solid products, tablets and capsules.

Their Planet 4.8 model is specially designed to inspect Tablet & Capsules together in one machine. Maximum Output for Capsules is 150,000 & for Tablet is 350,000 depending upon the shape and size of the same.

Their TONZ Series is Extremely High Speed Mass Inspection Machine for Tablets which is able to give an Output of up to 1,100,000.

www.cosa.kr

Etimex, Germany

Etimex Primary Packaging develops and manufactures films, sheet and Trays from a variety of plastic materials to offer customized packaging solutions to the food, PET-food and pharmaceutical industry. Their main targeted areas in Food Industry are Frozen Food, RTE Food, Retorted Meals, Pasteurized Meals and Beverage applications.

www.etimex-pp.com





As a specialist for plastic closures and dosage system Heinlein has been developing innovative concepts for the pharmaceutical field, as well as the beverage and food sector, for seven decades. Heinlein offers a wide range of plastic closures and dosage system (standard screw caps, tamper evident closures, caps for child resistant packaging, pipette sets, vertical and horizontal droppers, measuring cups etc.). The Heinlein name has stood for quality at the highest level, state of the art technology, customized consultancy and creative solution.

Lanico produces can manufacturing and seaming machines for food, beverage and technical industries. Machines for producing OTS cans, three piece aerosol cans, rectangular and square cans are a part of Lanico programme. Automobile filter

Nikka Densok Pinhole Inspectors are specially designed for non destructive testing utilizing a high frequency, high voltage spark test eliminating the fear of secondary contamination to the solution filled Pharma containers. Nikka Densok Pinhole Inspectors ensure product seal integrity by identifying small pinholes, cracks and seal imperfections providing reliable quality assurance. Numerous machines in the fields of ampoule, vial, BFS Containers inspection as well as customized inspection

Omori is deeply committed to producing sophisticated machinery with advanced packaging machinery technology. The high-speed horizontal pillow-packing machines offered by Omori can be used to wrap pharmaceutical products such as blisters, ampoule cards, food and dairy products neatly and efficiently. The stainless steel structure of the machinery

Optrel, A Stevanato Group Brand is producing top performing Automatic Visual Inspection machines for over 35 years. It utilizes the highest speed, most reliable vision systems to inspect glass containers filled with parenteral drugs, injectable and solid dosage pharma product, to detect any contaminant, cosmetic defect or leaking container and reject it. Solutions are available for clear liquids, suspensions, viscous and lyophilized products. Handling solutions for product's feeding and packaging are available, as well as complete packaging, assembly or sterile handling solutions through the Stevanato Group.

www.optrelinspection.com









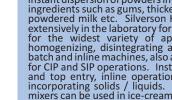












www.silverson.com

Terlet, Netherlands

Terlet provides equipment for processing of fruits, vegetables, dairy products and eggs. Scraped surface heat exchangers with the brand name Terlotherm are well known for gentle but thorough heat exchange for high viscosity and high solid containing products. Terlet also makes vacuumising and gassing installations for long shelf life baby foods and other powdered products.

www.terlet.com



Thimonnier, France

Thimonnier manufactures semi and fully automatic machines for PVC, non PVC and EVA bags for the pharmaceutical and Neutraceutical applications and packaging lines for food industry. The range includes the bag makers, filling and sealing machines. Thimonnier also provides machines for fruit juices, milk products, soybean milk, soups and sauces packaging in DOYPACK (stand-up pouches – an original Thimonnier design). Aseptic packaging is a speciality.

www.thimonnier.com/en

Sairem, France

Sairem is among the International leaders specialized in microwave and RF laboratory and industrial equipment for food processing industry. Sairem is the only company in the world manufacturing and selling both 915 MHz microwaves and radio frequency machines to temper the frozen food applications like frozen fish, frozen meat and frozen vegetables etc. Their high quality microwave equipment can temper the frozen food from -18 deg c to -2 deg c in 5-7 minutes depending on the dimensions of the products.

www.sairem.com

Schwerdtel, Germany

Schwerdtel machines are increasingly becoming an industry standard throughout the world towards the filling and packing of standard throughout the world towards the lining and packing of pasty and high viscous product, using small semi-automatic or fully automatic machines. Schwerdtel manufactures cartridge filling machines, can and pail filling machines, material feeding systems, dosing units, sealing machines, case packers for the fully automatic filling of pasty products like printing inks, polyester filters, greases, silicon sealants, resins and similar viscous products. With the option of electric and pneumatic dosing units, schwerdtel dosing units and multi component dosing units, Schwerdtel provides flexible upgradability to reduce product losses and to best protect the products.

www.schwerdtel.com

Silverson Machines, UK

The Silverson mixers are designed for high speed entraining and instant dispersion of powders into liquids, especially problematic ingredients such as gums, thickeners, caseinates, flour, starches, powdered milk etc. Silverson High Shear Mixers are also used extensively in the laboratory for development and in the process for the widest variety of applications mixing, emulsifying, homogenizing, disintegrating and dissolving. Models include batch and inline machines, also available in ultra hygienic models for CIP and SIP operations. Installation flexibility allows bottom and top entry, inline operation and complete assemblies for incorporating solids / liquids. In the dairy industry. Silverson mixers can be used in ice-cream, yoghurt, baby milk, condensed milk, low fat spreads processing. milk, low fat spreads processing.







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