

Complete Production Line Application

Beer, Wine & Liquor Industry

A large circular conveyor belt in a brewery, filled with numerous beer bottles being processed. The bottles are arranged in concentric circles, and a central mechanical structure is visible in the middle of the belt.

Daily Industry



Edible Oil Industry

About Vanta

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VANTA™ 万世德

Liquid Production Line Packing Solution

Building An Intelligent Factory

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A set of unique intelligent production line customized for specific products, make a perfect combination with mature application technology that in each production process, to provide you with a distinctive container product, as well as a unique product packaging process. Good product quality, blooming brand image will make your product stand out in an invincible position in the fierce market competition.

Engineering Of Producing Overall Line

Engineering Design

VANTA™

CHANGES FOR BETTER!



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Provide The Most Effective Production Line Solutions



Super-clean Filling Machine



- Using high precision mechanical valves, high filling speed, high fluid position precision
- High cleanliness, no pollution
- Capacity 40000BPH

Blowing-Filling-Capping Combi





- Using servo-electric system, save energy 30% than other counterparts, consumption reduction almost 50%
- Capacity 40000BPH

Labeling Machine



- Positioning and non-positioning for your choice
- Hot-melt glue capacity : 40000BPH
- Self-adhesive capacity : 24000BPH

Wrap Around Case Packer



- 40% national market share in secondary packaging
- Speed: 80 packs/min

Production Line

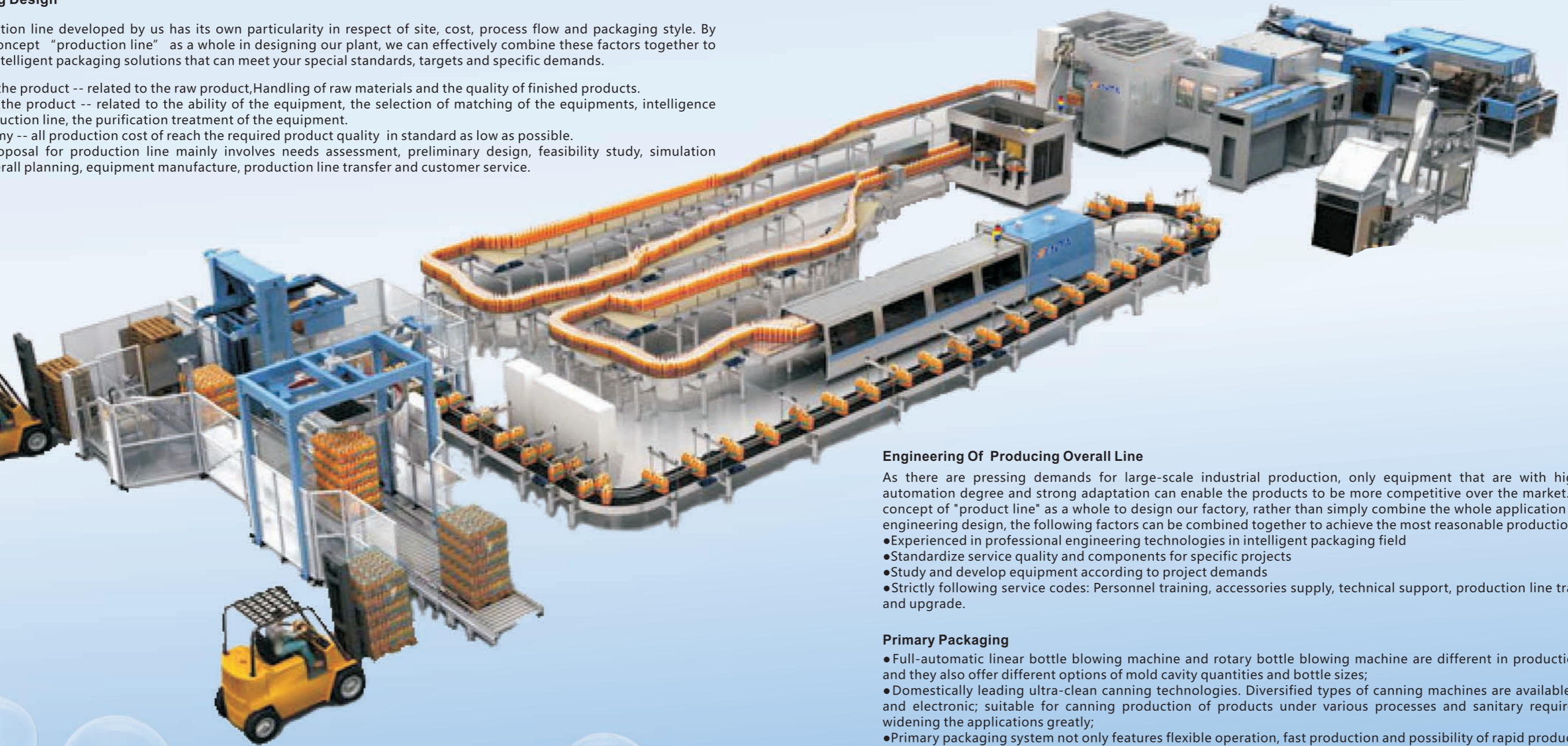
From Filling To Finish Product Palletizing

We provide a variety of production line packaging solutions for specific product packaging needs. From the whole line production technology, energy saving , environmental protection and application of intelligent technologies, material loss, staff management and so on to save packaging costs for you, to ensure that every investment is more valuable!

Engineering Design

Each production line developed by us has its own particularity in respect of site, cost, process flow and packaging style. By taking the concept “production line” as a whole in designing our plant, we can effectively combine these factors together to customize intelligent packaging solutions that can meet your special standards, targets and specific demands.

- Related to the product -- related to the raw product,Handling of raw materials and the quality of finished products.
- Related to the product -- related to the ability of the equipment, the selection of matching of the equipments, intelligence level of production line, the purification treatment of the equipment.
- The economy -- all production cost of reach the required product quality in standard as low as possible.
- Design proposal for production line mainly involves needs assessment, preliminary design, feasibility study, simulation forming, overall planning, equipment manufacture, production line transfer and customer service.



Suitable for pure water, carbonated drinks, fruit juice, sensitive products, wine and spirits, milk and milk products, daily chemicals, spices, edible oil, etc..

Engineering Of Producing Overall Line

As there are pressing demands for large-scale industrial production, only equipment that are with high precision, automation degree and strong adaptation can enable the products to be more competitive over the market. We look the concept of “product line” as a whole to design our factory, rather than simply combine the whole application system. With engineering design, the following factors can be combined together to achieve the most reasonable production process.

- Experienced in professional engineering technologies in intelligent packaging field
- Standardize service quality and components for specific projects
- Study and develop equipment according to project demands
- Strictly following service codes: Personnel training, accessories supply, technical support, production line transformation and upgrade.

Primary Packaging

- Full-automatic linear bottle blowing machine and rotary bottle blowing machine are different in production efficiency, and they also offer different options of mold cavity quantities and bottle sizes;
- Domestically leading ultra-clean canning technologies. Diversified types of canning machines are available: Mechanical and electronic; suitable for canning production of products under various processes and sanitary requirements, thus widening the applications greatly;
- Primary packaging system not only features flexible operation, fast production and possibility of rapid production transfer, but also offers high intelligence level and guarantee for sanitary environment of production. No matter which state your product is in, we can offer packaging operations like bottle blowing, sanitary treatment, canning, bottle capping and labeling.

Secondary Packaging

Diversified packaging modes and proven intelligent application technologies satisfy different products’ secondary packaging demands in a flexible and efficient way. No matter which state your product is in, regardless of shape, feature or resistance, we can offer services including handling, conveyance, shrinkage packaging, encasement, carton packaging and stacking/unloading .

Shrink Wrapping Machine



- China's first automatic shrink wrapping machine
- Speed: 360 packs/min

Pick & Place Packer




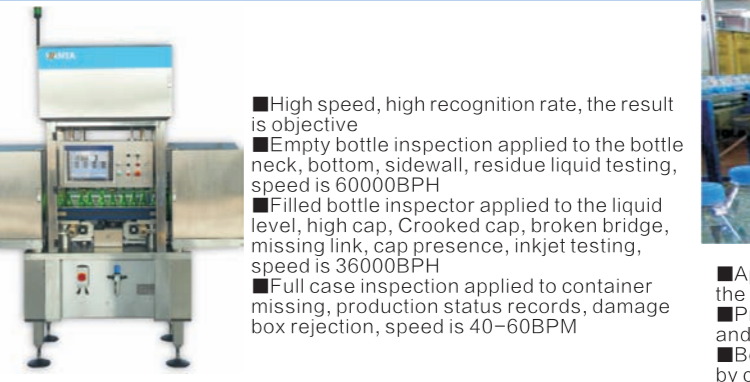
- Modular structure design, highly flexible and easy maintenance
- Independent motor drive, precise bottle grasping and loading

Palletizer/Depalletizer





- Full layer palletizing, movable platform and full layer palletizing
- Load : 100–200 KG

Online Inspection Equipment



- High speed, high recognition rate, the result is objective
- Empty bottle inspection applied to the bottle neck, bottom, sidewall, residue liquid testing, speed is 60000BPH
- Filled bottle inspector applied to the liquid level, high cap, Crooked cap, broken bridge, missing link, cap presence, inkjet testing, speed is 36000BPH
- Full case inspection applied to container missing, production status records, damage box rejection, speed is 40–60BPM

Production Line Conveyor Systems



- Applies in the preform, caps, empty bottle, filled bottle and the end of line packaging transportation
- Pressureless accumulation table: reduce line pressure and container damage and the label damage
- Bottle separating machine: speed adjustment controlled by controller and inverter, to avoid the bottle jamming