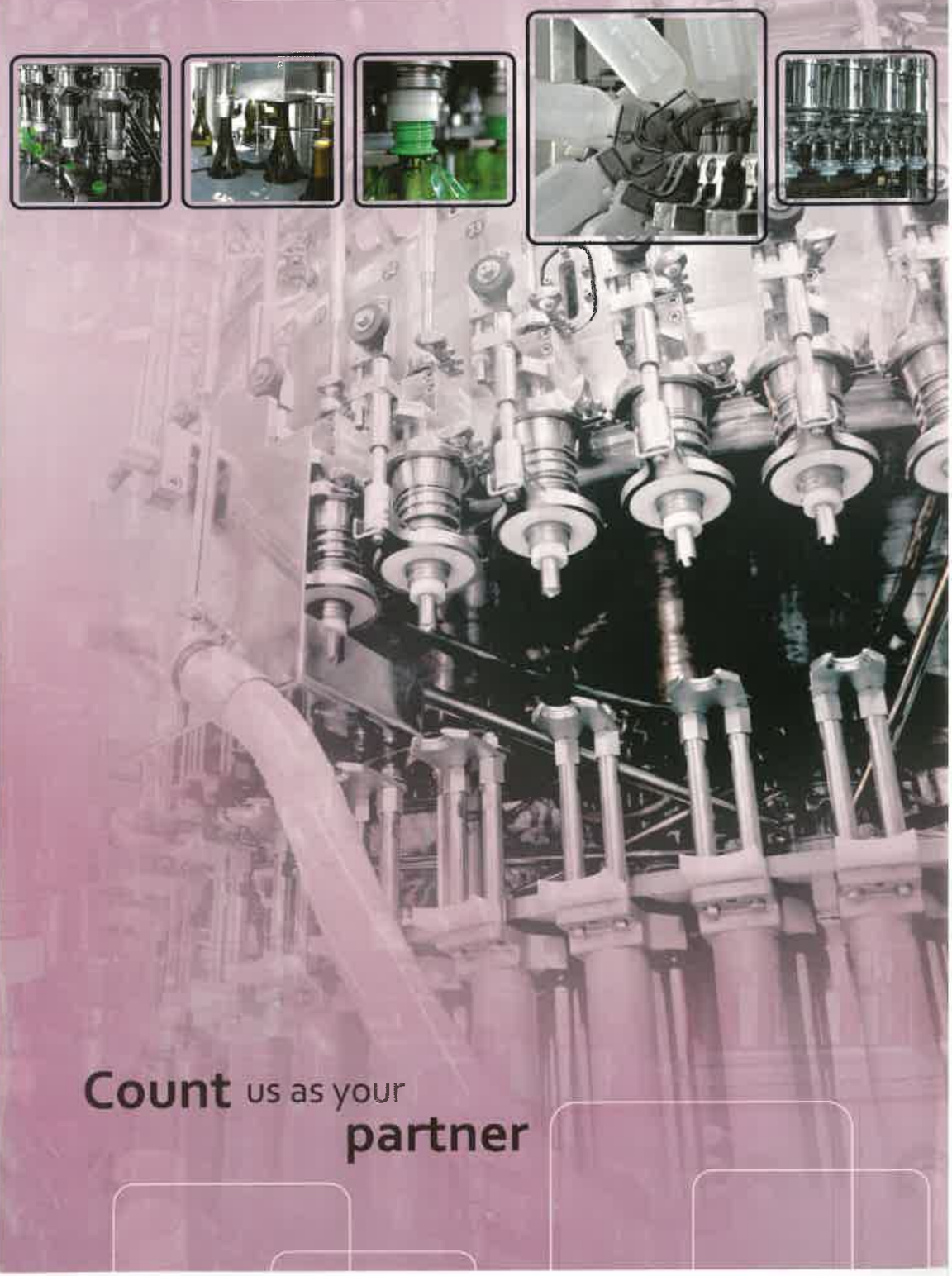
VEPRO
MACHINERY

Line Solution

Total Bottling



Count us as your
partner

Upstream Process & Conveyor System

Upstream Process Equipment & Conveyor System:

We provide professional upstream processing equipment system design and installation. Beside, we also supply variety of conveyor system from slate chain conveyor, metal conveyor, PVC belt conveyor, chain conveyor, roller conveyor and others.

Other Processes:

HEPA 100
Machine could be equipped with HEAP filter 100 grade to make sure no contamination occurs when filling, also prevent air gets into the filling area by positive pressure produced with HEPA.

MULTI-ANGLE WATER DISCHARGE PLATFORM
The accumulated water in machine base surface can drain smoothly.

DOUBLE SCREWS SYSTEM
Adopting double screws collected bottle at the entry of machine, it can reduce the shake when high bottle shape is proceeding, and that is good for machine movement.

SEPARATION SYSTEM
The machine's structure design in itself to separate from screw capper mechanism, and it can prevent from 2nd time filling pollution.

ROTATING BASE
Rotating base with sterilized grade is equipped on the top of filling bowl so that sealed degree of filling bowl can be enhanced even more and makes more perfectly protective space as filling products.

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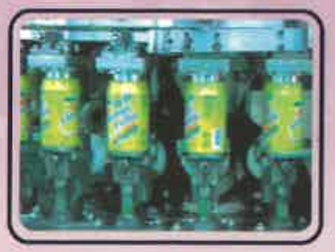
Filling System:

Volumetric Filler

Convection Filler



Pressurized Filler

Corker Filler

Gravity Filling

Filling Process:

RINSING
To clean the bottle by water, air, UV sterilize and others before proceed for filling process.

FILLING
To transfer the liquid from product tank and fill into PET bottle, can and others. It can be hot fill, cold fill, carbonated fill and others.

CAPPING
After the filling process, the bottle is transfer to capping station. There are variant type of caps from screw, press on, ROPP, crown and others. Different caps may request different change parts subject to capability of machine.

GRIPPING STARWHEEL
3 Points touch type of gripping head to grip bottle and tranfer steadily.

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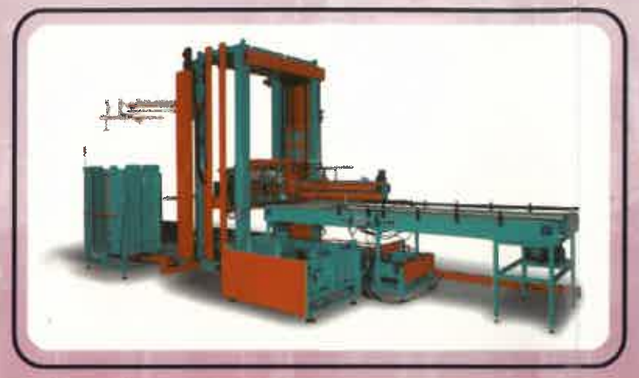
Depalletizer

Vepro depalletiser equipment is an effective material handling system to remove products or material which comes in pallets into further processing station like conveyor. It come with 2 system, HDP series high level and LDP series low level depalletiser to meet the different requirement from the production. Our depalletiser equipped with advance HMI touchscreen panel for easy control and operation. The partition can be taken out and stacked up automatically. The pallet can be gathered and stacked up after empty containers are unload.

Figure 1:
Partition or
Carton Sheet lifter

Figure 2:
Flexible Chain
Conveyor



Unscrambler

The UNA unscramble is adopted with rotary type, selecting pieces, descending chutes, and moreover being auxiliary with air pressure force to keep the empty bottles move continuously on the filling line. The UNA series is flexible for different bottles size with change part for selecting pieces and descending chutes only, and it's convenient to change over without any tools.

Rinser

Rinser is use to wash the glass and plastic bottles. Our VPA-R series rinser equipped water injection devices with hot & cool water or just air to cleaning the bottle. The water can be recycle through the built in circulation system. With no bottle no injection system which controlled by photo sensor. The rotary system are designed to handle multi-phase washing which is subject to customers requirement.

Filling Systems

There are many type of filling systems which apply to different type of beverage, either carbonated or non-carbonated. We offer complete ranges of rotary type filling system for beverages industries, among of commons are volumetric filling, convection filling, gravity filling, pressurized filling and others.

The choice of filling machine depends on the range of viscosities, temperature, particulate size, foam characteristics and hazardous environment considerations. We also supply upstream processing system &equipment for beverage, such as drinking water, yogurt, fresh milk, juice, coffee, carbonated soft drink, tea and others. Our filling system & equipment offer low to high speed filling capacity range from **100 to 1,000 bottles per min**, which subject to type of bottles.

We offer total innovative filling solution, from product to system, from consulting to expertise and of course, the quality after sales service and support.

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Contact

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